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工业及变频家电系列电容器 INDUSTRIAL&FREQUENCY CONVERSION HOUSEHOLD APPLIANCES SERIES CAPACITORS

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工业及变频家电系列电容器

INDUSTRIAL&FREQUENCY CONVERSION
HOUSEHOLD APPLIANCES
SERIES CAPACITORS

24▼25

目录 CONTENTS

产品一览表 Series Table	01
产品体系图 Group Chart	05
铝电解电容器故障模式 Aluminum Electrolytic Capacitors Show Various Failure Modes in Different Applications	09
铝电解电容器流程图 Aluminum Electrolytic Capacitors Flow Chart	11
使用注意事项 Application Guidelines	13
焊接建议 Soldering Recommendation	27
产品料号体系 Part Numbering System	29
引线加工 Lead Forming	38
产品系列 Product Specifications	46

产品一览表 CAPACITOR SERIES TABLE, CONTENTS

高分子固态产品
CONDUCTIVE POLYMER ALUMINUM SOLID CAPACITORS

类别&系列 Category & Series			特性 Features	标称寿命(小时) Endurance (hours)	额定电压范围 Rated Voltage Range (Vdc)	工作温度范围 Operating Temperature Range(°C)	容量范围 Capacitance Range(uF)	页码 Page
高分子固态产品 Solid	引线产品 Radial Type	PD	小尺寸 Small size	105°C 2,000	6.3~35	-55~+105	33~3,300	46
		PV	耐高温 High temperature	125°C 2,000	6.3~125	-55~+125	4.7~3,300	52
		PS(new)	大容量,高纹波 High capacity,high ripple current	105°C 2,000	6.3~35	-55~+105	47~2,200	56
		PL	超长寿命 Super long life	105°C 10,000~23,000	2.5~35	-55~+105	100~1,800	59
	贴片产品 SMD Type	VS	低ESR Low ESR	105°C 2,000	2.5~25	-55~+105	27~2,200	61
		VD	高电压 High voltage	105°C 2,000	35~63	-55~+105	22~470	64
		VT	耐高温 High temperature	125°C 2,000	2.5~63	-55~+125	22~2,200	66
		VL	超长寿命 Super long life	105°C 10,000~23,000	2.5~16	-55~+105	100~560	69

高分子固液混合产品
CONDUCTIVE POLYMER HYBRID ALUMINUM ELECTROLYTIC CAPACITORS

类别&系列 Category & Series			特性 Features	标称寿命(小时) Endurance (hours)	额定电压范围 Rated Voltage Range (Vdc)	工作温度范围 Operating Temperature Range(°C)	容量范围 Capacitance Range(uF)	页码 Page
高分子固液混合产品 Hybrid	贴片产品 SMD Type	SC	低ESR,高纹波 Low ESR, high ripple current	105°C 10,000	16~63	-55~105	22~820	71
		SA	低ESR,耐高温 Low ESR, high temperature	125°C 4,000	16~63	-55~125	22~1,000	73
	引线产品 Radial Type	DC	低ESR,高纹波 Low ESR, high ripple current	105°C 10,000	25~63	-55~105	47~820	75
		DA	低ESR,高纹波 Low ESR, high ripple current	125°C 4,000	25~63	-55~125	47~1,000	77

液态产品
ALUMINUM ELECTROLYTIC CAPACITORS

类别&系列 Category & Series			特性 Features	标称寿命(小时) Endurance (hours)	额定电压范围 Rated Voltage Range (Vdc)	工作温度范围 Operating Temperature Range(°C)	容量范围 Capacitance Range(uF)	页码 Page
表贴产品 Surface Mount Type	表贴产品 SMD Type	MK	通用品 General product	105°C 2,000	6.3~100	-55~+105	4.7~1,000	79
		MF	长寿命 Long life	105°C 5,000	6.3~100	-55~+105	2.2~1,000	81
		MH	耐高温125°C High temperature 125°C	125°C 1,000~3,000	10~100	-55~+125	10~1,000	83
		ME(new)	大容量,大纹波 High capacity, high ripple current	125 °C 2,000~ 5,000	16~100	-40~+125	47~6,200	85
引线产品 Radial Type	标准 Standard	WH	通用标准品 General standard product	105°C 2,000	6.3~100	-40~+105	0.1~22,000	87
					160~500	-25~+105		
	低阻抗 Low Impedance	RS	低阻抗,长寿命 Low impedance, long life	105°C 4,000~ 10,000	6.3~120	-40~+105	6.8~18,000	92
		RJ	低阻抗,长寿命 Low impedance, long life	105°C 8,000~ 12,000	10~120	-40~+105	8.2~5,600	99

类别&系列 Category & Series			特性 Features	标称寿命(小时) Endurance (hours)	额定电压范围 Rated Voltage Range (Vdc)	工作温度范围 Operating Temperature Range(°C)	容量范围 Capacitance Range(uF)	页码 Page
引线产品 Radial Type	输入输出电路 For Input and Output Circuit	RH	高压,高纹波 High voltage,high ripple current	105°C 2,000~3,000	160~450	-40~+105	1~470	105
					500~550	-25~+105		
		HS	高压,长寿命 High voltage,long life	105°C 3,000~5,000	160~450	-40~+105	1~420	109
					475~550	-25~+105		
		HF	长寿命,高纹波 Long life, high ripple current	105°C 5,000~ 10,000	160~450	-40~+105	1~390	113
					475~550	-25~+105		
	耐高温 High Temperature	NB	耐高温 High temperature	130°C 2,000 ~ 5,000	10~120	-25~+130	1~4,700	117
	特殊用 Special Purpose	WA(new)	低阻抗,适用于音频信号处理 Low impedance, especially designed for audio signal processing equipment	85°C 2,000	10~50	-40~+85	47~5,600	120
		GH	高可靠性,适用于智能仪表等 High reliability, especially designed for intelligent instrument, etc.	105°C 5,000~8,000	6.3~100	-40~+105	1~18,000	123
				105°C 10,000	160~450			
基板自立型产品 Snap-in &Lug Terminal Type	通用 General Purpose	LK	通用标准品 General standard product	85°C 2,000	10~100	-40~+85	47~82,000	128
					160~600	-25~+85		
		LH	通用标准品 General standard product	105°C 2,000	10~100	-40~+105	56~56,000	142
					160~550	-25~+105		
		LC (Upgrade)	宽温,高纹波 Wide temperature range, high ripple current	105°C 2,000	400~450	-40~+105	100~1,800	156
		LZ	宽温,小型化 Wide temperature range, miniaturization	105°C 2,000	400~450	-40~+105	120~820	159
		LS	长寿命 Long life	85°C 3,000	160~600	-25~+85	47~3,300	162
		LM	长寿命 Long life	105°C 3,000	160~600	-25~+105	47~3,300	173
		LD(new)	小体积,长寿命 Downsized,long life	105°C 3,000	450~500	-25~+105	68~1,000	185
		LP	高纹波,长寿命 High ripple current,long life	105°C 3,000	400~450	-40~+105	82~820	188
		LO(new)	更高纹波,长寿命 Higher ripple current,long life	105°C 3,000	400~450	-40~+105	240~820	191
	高可靠性 High Reliability	LQ	长寿命 Long life	85°C 5,000	160~450	-25~+85	68~2,200	193
		LG	长寿命,高纹波 Long life,high ripple current	85°C 12,000	350~450	-25~+85	470~2,700	200
		LT	长寿命 Long life	105°C 5,000	160~550	-25~+105	47~2,700	203
		LX	长寿命 Long life	105°C 7,000	160~450	-25~+105	47~2,200	212
		LB	高可靠性、超长寿命 High reliability,extremely long life	105°C 10,000	200~450	-25~+105	47~1,500	219
		LE(new)	超高温、长寿命 Ultra high temperature, long life	125°C 3,000	400~450	-40~+125	220~820	223
螺丝端子型产品 Screw Terminal Type	标准 Standard	NR	标准品 Standard	85°C 2,000	350~550	-25~+85	1,000~15,000	225
		NS	标准品 Standard	105°C 2,000	350~450	-25~+105	1,000~15,000	228

类别&系列 Category & Series			特性 Features	标称寿命(小时) Endurance (hours)	额定电压范围 Rated Voltage Range (Vdc)	工作温度范围 Operating Temperature Range(°C)	容量范围 Capacitance Range(uF)	页码 Page
螺丝端子型产品 Screw Terminal Type	长寿命 Long life	NX	高纹波,长寿命 High ripple current, long life	85°C 5,000	350~500	-25~+85	1,000~12,000	230
		NL	高纹波,长寿命 High ripple current, long life	85°C 12,000	350~450	-25~+85	1,500~15,000	232
		NE	高纹波,长寿命 High ripple current, long life	85°C 20,000	350~450	-25~+85	1,500~15,000	234
		NT	长寿命 Long life	105°C 3,000	350~450	-25~+105	1,000~12,000	236
		NF	长寿命 Long life	105°C 5,000	350~450	-25~+105	1,000~15,000	238
		NK	高纹波,长寿命 High ripple current, long life	105°C 5,000	350~450	-25~+105	1,000~15,000	240

金属化薄膜产品
Metallized Film Capacitors

系列 Series		页码 Page
抗干扰安规电容器 EMI Capacitors		
X2类 Class X2		
FX2	金属化聚丙烯薄膜电容器(干扰抑制X2类) Metallized Polypropylene Film Capacitor (Interference Suppressor Class X2)	242
FXT	金属化聚丙烯薄膜电容器(干扰抑制X2类,THB IIIB 等级) Metallized Polypropylene Film Capacitor (Interference Suppressor Class X2, THB Grade IIIB)	248
FXB	电容性电源用金属化聚丙烯薄膜电容器(X2类,THB IIIB 等级,内部串联连接) Metallized Polypropylene Film Capacitor For Capacitive Divider (Class X2, THB Grade IIIB, Internal Series Connection)	254
Y2类 Class Y2		
FY2	金属化聚丙烯薄膜电容器(干扰抑制Y2类) Metallized Polypropylene Film Capacitor (Interference Suppressor Class Y2)	258
FYT	金属化聚丙烯薄膜电容器(干扰抑制Y2类,THB IIIB 等级) Metallized Polypropylene Film Capacitor (Interference Suppressor Class Y2, THB Grade IIIB)	264
X1类 Class X1		
FX1	金属化聚丙烯薄膜电容器(干扰抑制X1类) Metallized Polypropylene Film Capacitor (Interference Suppressor Class X1)	270
FXG	金属化聚丙烯薄膜电容器(干扰抑制X1类,THB IIIB 等级) Metallized Polypropylene Film Capacitor (Interference Suppressor Class X1, THB Grade IIIB)	279
Y1类 Class Y1		
FY1	金属化聚丙烯薄膜电容器(干扰抑制Y1类) Metallized Polypropylene Film Capacitor (Interference Suppressor Class Y1)	288
FYG	金属化聚丙烯薄膜电容器(干扰抑制Y1类,THB IIIB 等级) Metallized Polypropylene Film Capacitor (Interference Suppressor Class Y1, THB Grade IIIB)	292
直流支撑电容器 DC-Link Capacitors		
引线塑壳 Radial Leads		
FDA	金属化聚丙烯薄膜电容器(引线) Metallized Polypropylene Film Capacitor (Radial Lead)	296
FDG	金属化聚丙烯薄膜电容器(引线,THB IIIB 等级) Metallized Polypropylene Film Capacitor (Radial Lead, THB Grade IIIB)	307
圆柱铝壳/塑壳(干式) Cylindrical Aluminum/Plastic Can (Dry type)		
FDB	金属化聚丙烯薄膜电容器(顶部端子) Metallized Polypropylene Film Capacitor (Top Terminal)	317
FDC	金属化聚丙烯薄膜电容器(铝壳) Metallized Polypropylene Film Capacitor (Aluminium Can)	321

系列 Series		页码 Page
交流滤波电容器 AC-Filter Capacitors		
引线塑壳 Radial Leads		
FAA	金属化聚丙烯薄膜电容器(引线) Metallized Polypropylene Film Capacitor (Radial Lead)	334
FAG	金属化聚丙烯薄膜电容器(引线,THB IIIB 等级) Metallized Polypropylene Film Capacitor (Radial Lead, THB Grade IIIB)	342
圆柱铝壳(油式) Cylindrical Aluminum Can (Oil Filled)		
FAC	金属化聚丙烯薄膜电容器(铝壳,单相) Metallized Polypropylene Film Capacitor (Aluminum Can, Single-Phase)	352
FAD	金属化聚丙烯薄膜电容器(铝壳,三相) Metallized Polypropylene Film Capacitor (Aluminum Can, Three-Phase)	359
脉冲\吸收电容器 Pulse \ Snubber Capacitors		
引线塑壳 Radial Leads		
FSA	双面金属化聚丙烯薄膜电容器(引线) Metallized Polypropylene Film Capacitor with Double Sided Metallized Film (Radial Lead)	364
FSG	双面金属化聚丙烯薄膜电容器(引线,THB IIIB 等级) Metallized Polypropylene Film Capacitor with Double Sided Metallized Film (Radial Lead, THB Grade IIIB)	374
焊片 Lug Terminal		
FSB	金属化聚丙烯薄膜电容器(焊片端子) Metallized Polypropylene Film Capacitor (Lug Terminal)	384
直流电容器 DC Film Capacitors		
引线塑壳 Radial Leads		
FGA	金属化聚丙烯薄膜电容器(盒型,PFC) Metallized Polypropylene Film Capacitor (Box Type, PFC)	390
FGB	金属化聚丙烯薄膜电容器(盒型,脉冲,THB IIIB 等级) Metallized Polypropylene Film Capacitor (Box Type, Pulse, THB Grade IIIB)	395
FGC	双面金属化聚丙烯薄膜电容器(盒型,脉冲/谐振,THB IIIB 等级) Metallized Polypropylene Film Capacitor with Double Sided Metallized Film (Box Type, Pulse/Resonant, THB Grade IIIB)	400

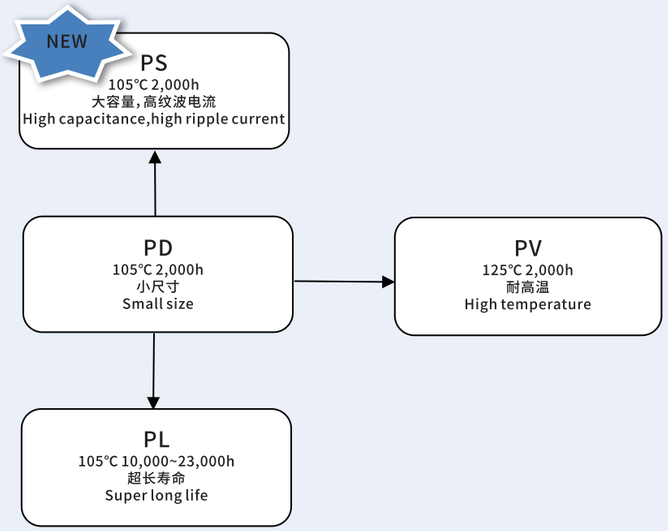
注释:
Remark:

THB 等级 IIB (85°C 85% 湿度, 额定电压 500 小时)
THB Grade IIB (85°C 85%RH, Apply Rated Voltage for 500 Hours)
THB 等级 IIIB (85°C 85% 湿度, 额定电压 1000 小时)
THB Grade IIIB (85°C 85%RH, Apply Rated Voltage for 1000 Hours)
THB 2000H (85°C 85% 湿度, 额定电压 2000 小时)
THB 2000H (85°C 85%RH, Apply Rated Voltage for 2000 Hours)

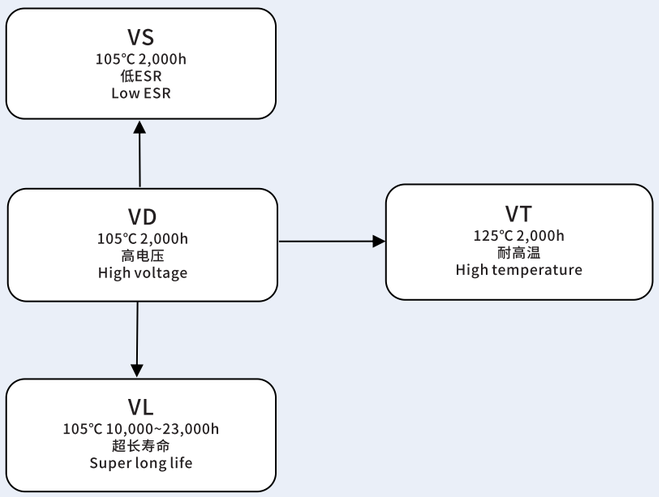
产品体系图
Group Chart

高分子固态产品
CONDUCTIVE POLYMER ALUMINUM SOLID CAPACITORS

引线产品
RADIAL TYPE

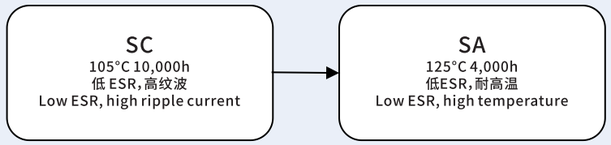


贴片产品
SMD TYPE



高分子固液混合产品
CONDUCTIVE POLYMER HYBRID ALUMINUM ELECTROLYTIC CAPACITORS

贴片产品
SMD TYPE



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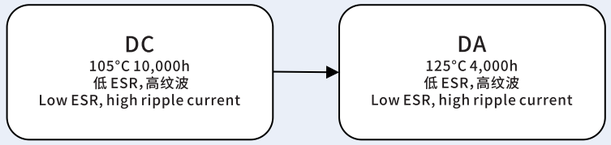
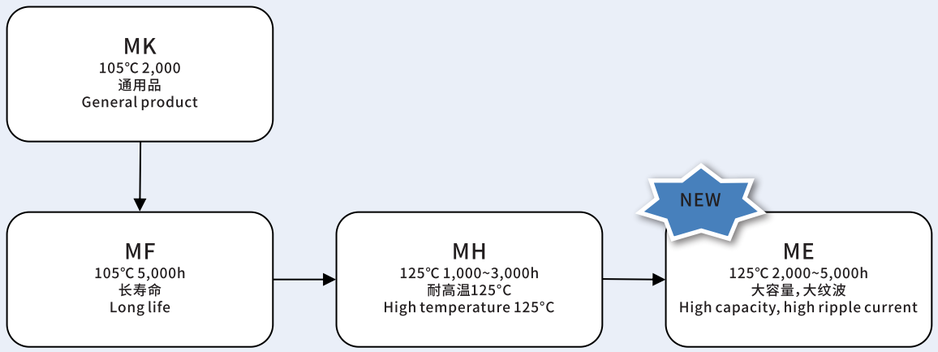
RADIAL TYPE

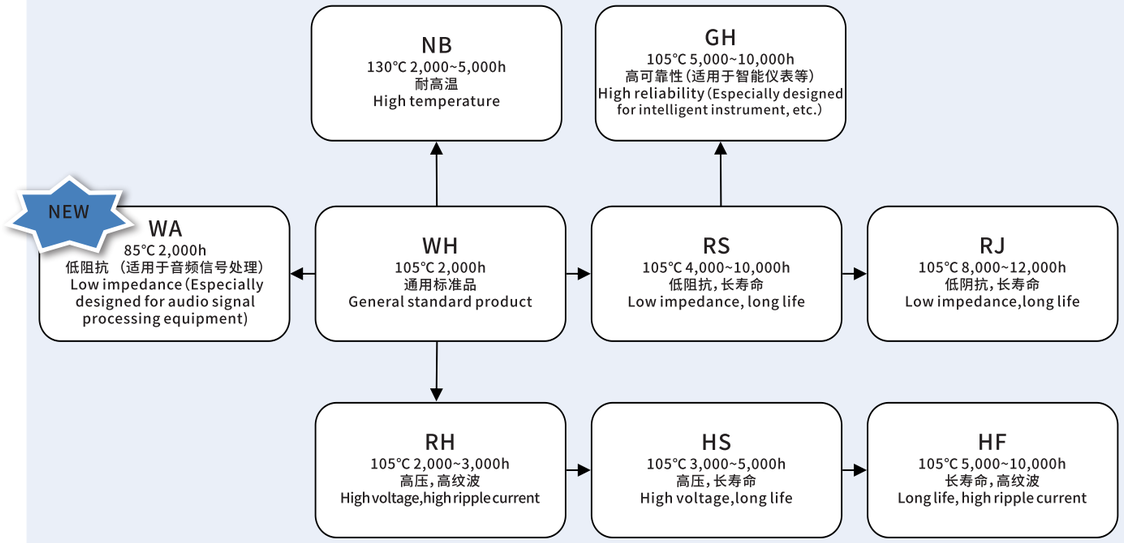


液态产品
ALUMINUM ELECTROLYTIC CAPACITORS

贴片产品
SMD TYPE

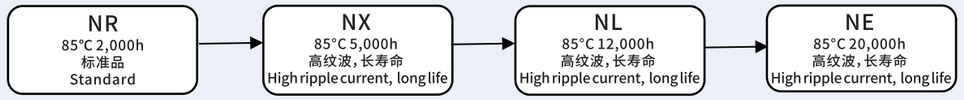


引线产品
RADIAL TYPE

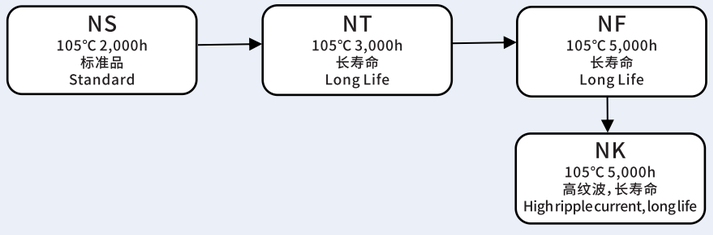


螺丝端子型产品
SCREW TERMINAL TYPE

85℃ 系列/Series

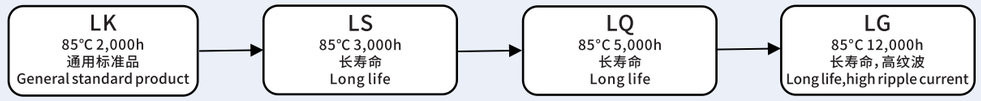


105℃ 系列/Series

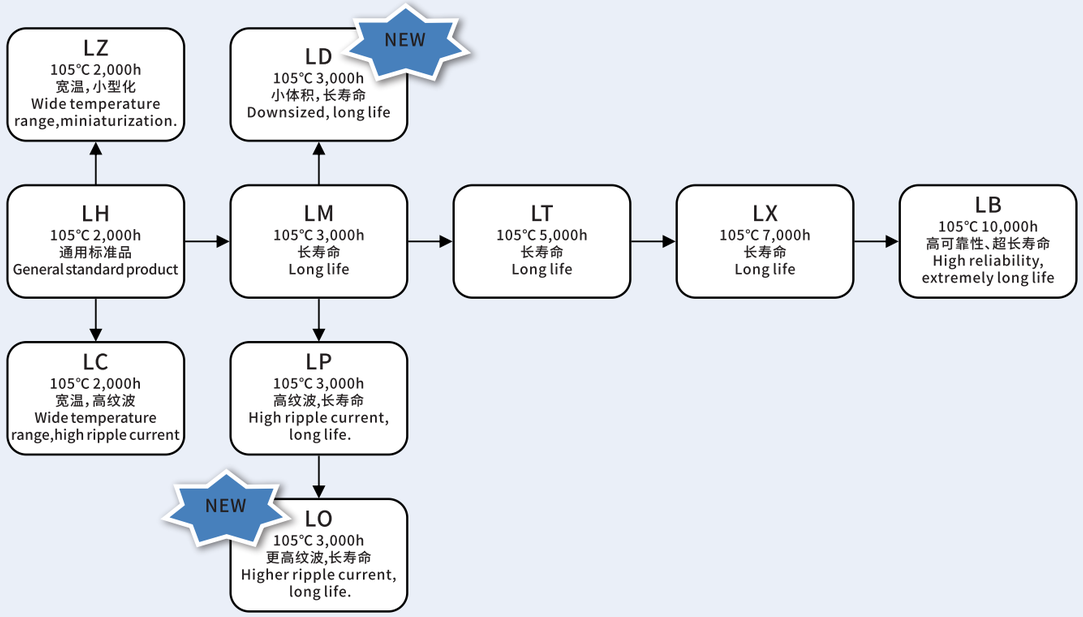


基板自立型产品
SNAP-IN & LUG TERMINAL TYPE

85℃ 系列/Series



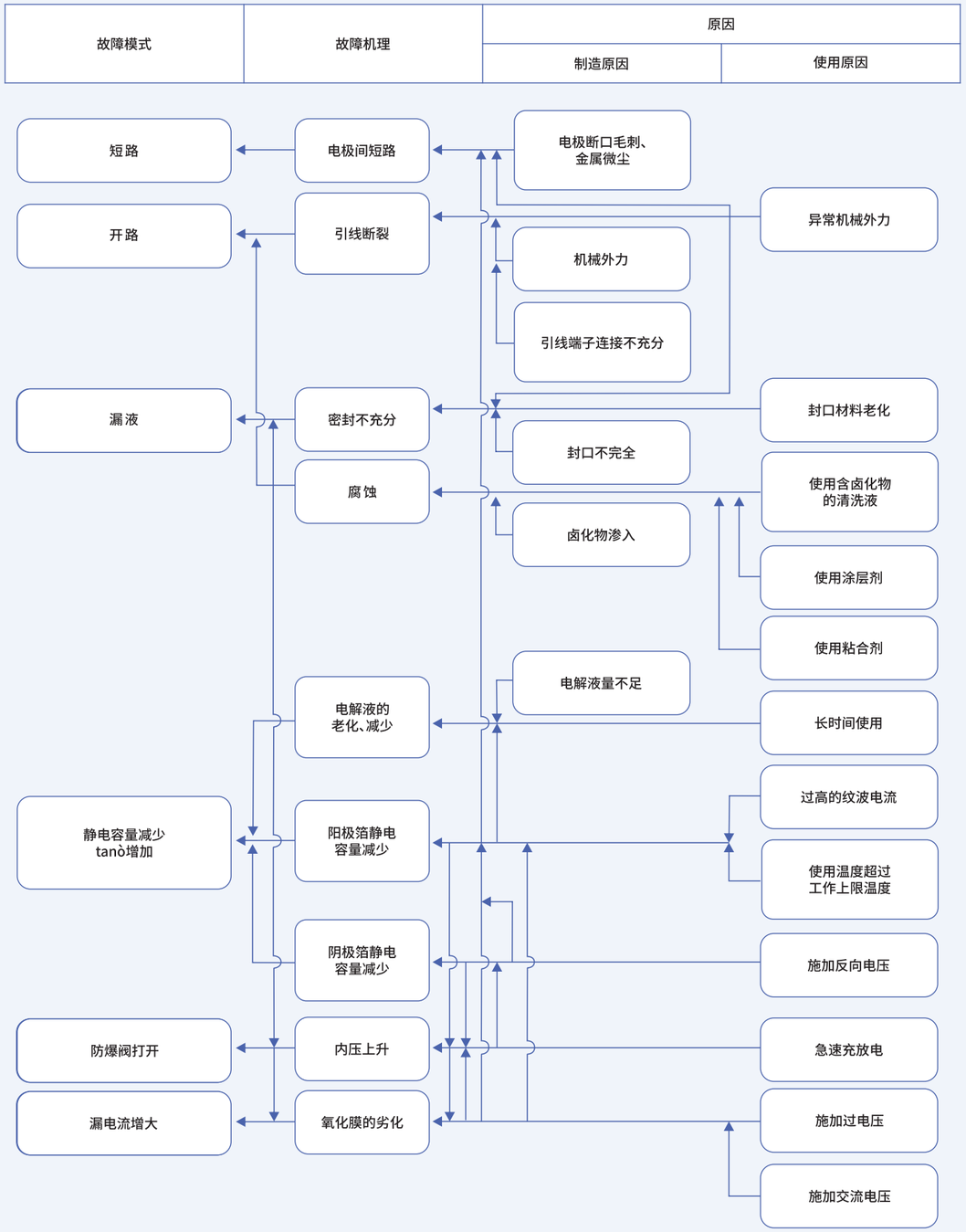
105℃ 系列/Series



125℃ 系列/Series

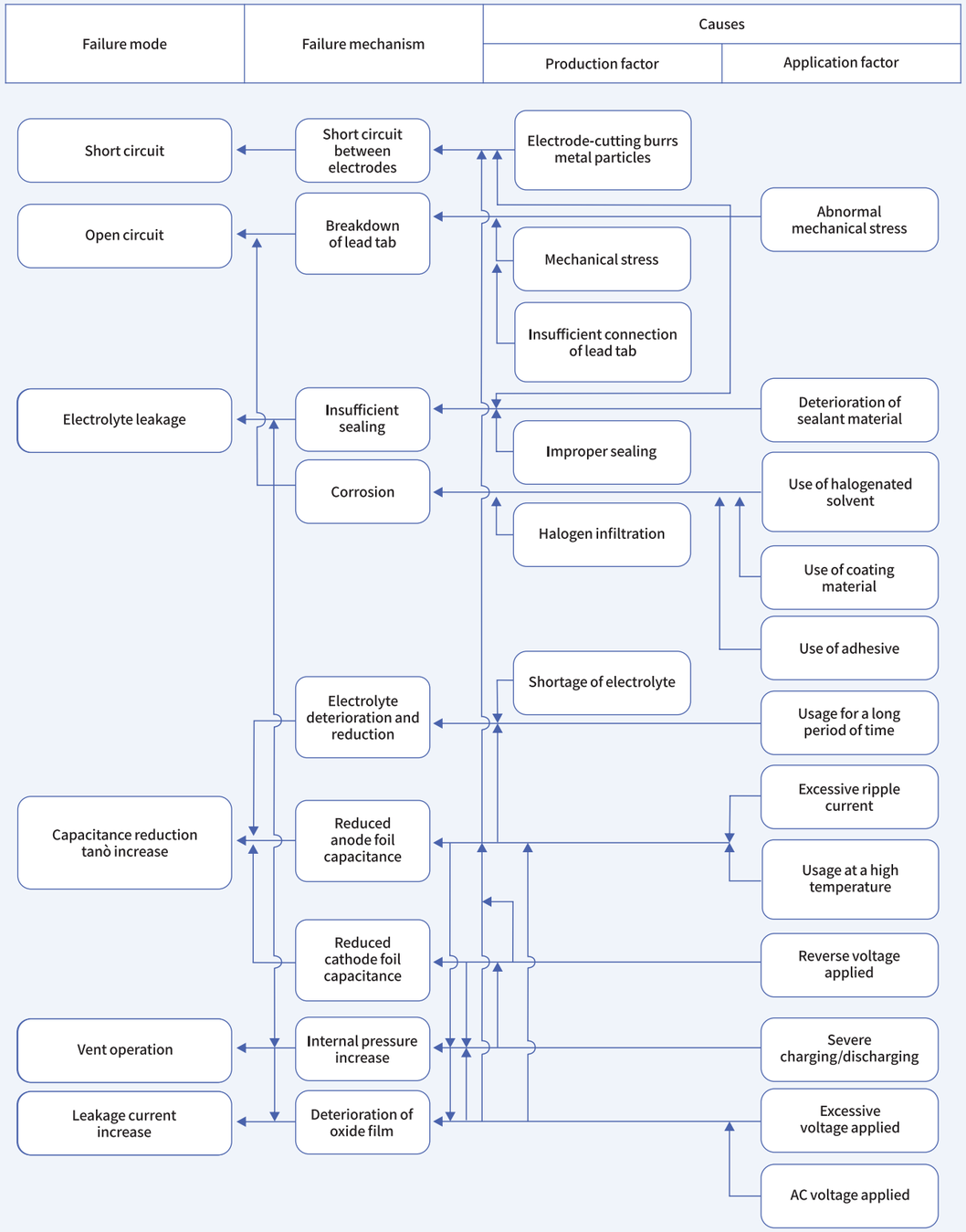
故障模式

液态铝电解电容器在不同应用条件下的故障模式



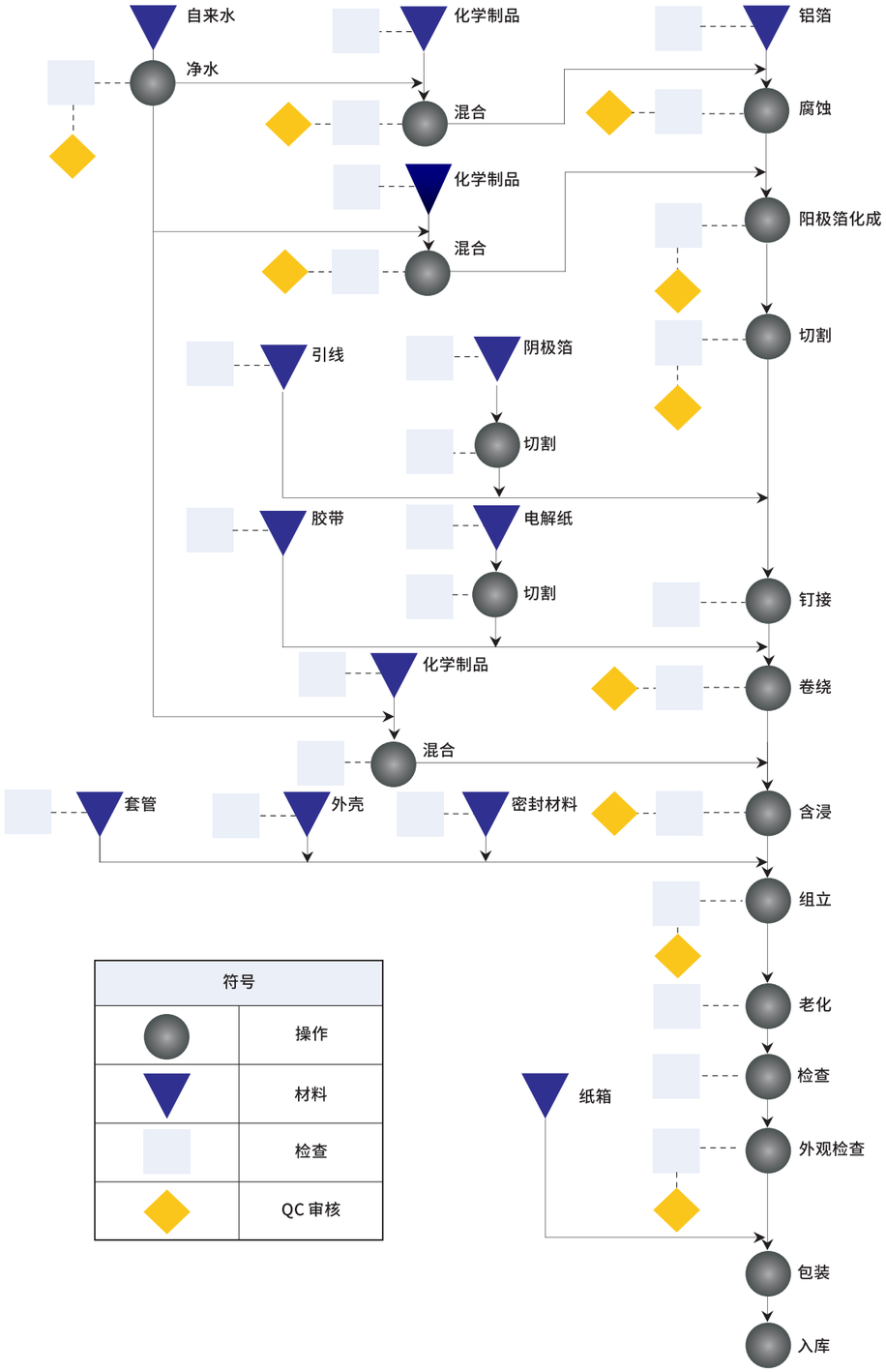
Failure Modes

Aluminum Electrolytic Capacitors Show Various Failure Modes in Different Applications



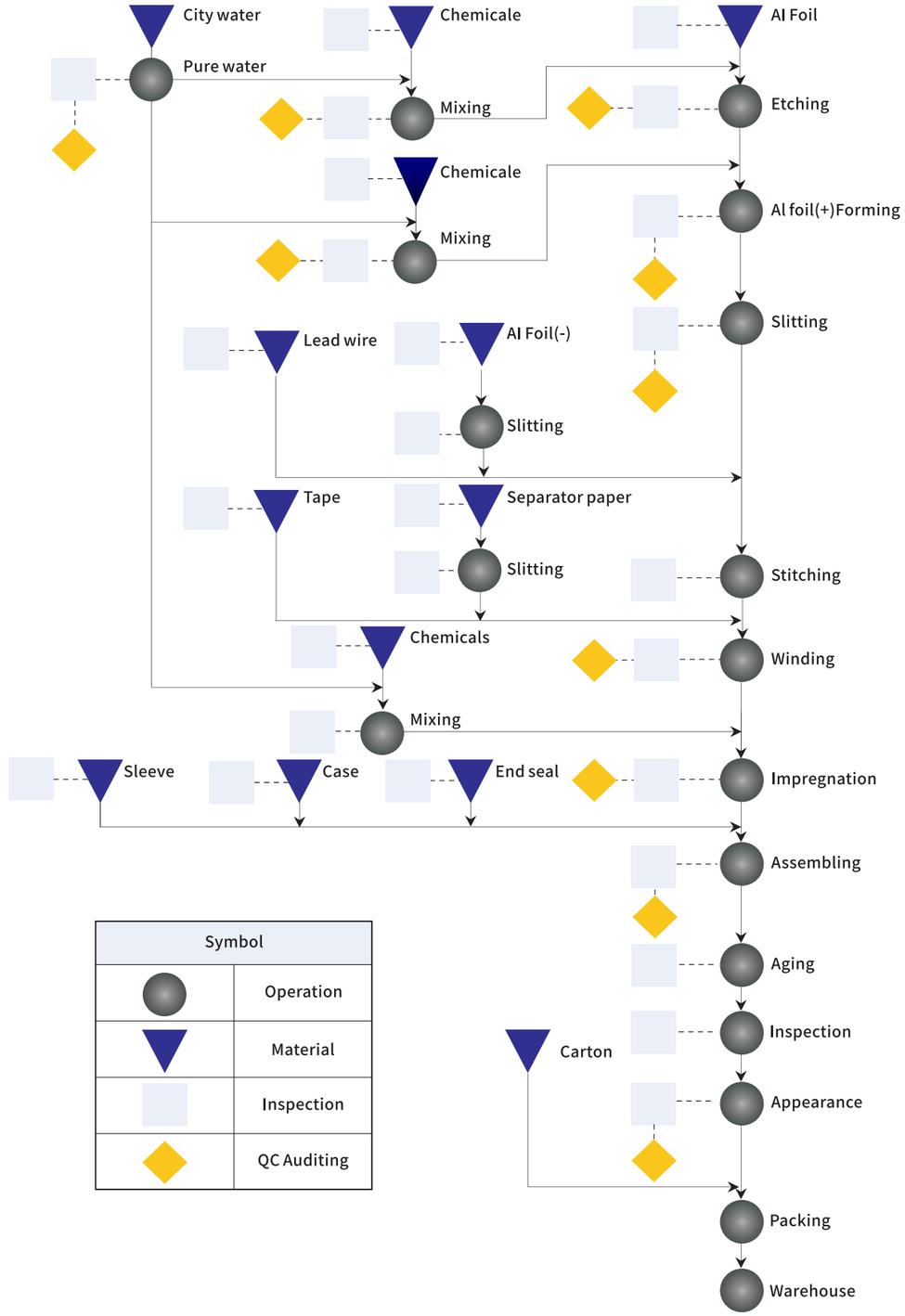
流程图

铝电解电容器流程图



Flow Chart

Aluminum Electrolytic Capacitors Flow Chart



高分子固态铝电解电容器使用注意事项
Application Guidelines for Conductive Polymer Aluminum Solid Capacitors

Ⅰ. 设计方面的确认事项
Ⅰ. Device Circuit Design Considerations

1.禁止使用电路
1. Prohibited circuits

导电性高分子固体铝电解电容器(以下称为电容器)有可能因焊接时的热应力使其漏电流发生变化。请避免在以下电路中使用。

Conductive polymer solid aluminum electrolytic capacitors (hereinafter referred to as capacitors) may change their leakage current due to thermal stress during soldering. Avoid using them in the following circuits.

①高电阻电压保持电路

①High resistance voltage holding circuits

②耦合电路

②Coupling circuits

③其他漏电流受影响较大的电路

③ Other circuits where the leakage current is greatly affected.

2.电路设计
2. Circuit design

请在确认以下内容的基础上进行电路设计。

Please design the circuit based on the following contents.

①随着温度及频率的变化，电容器的电气特性会随之变化。请在确认这些变化之后进行电路的设计。

①The electrical characteristics of capacitors change with temperature and frequency.

②当并联2个以上的电容器时，请在设计电路时考虑电流的平衡。

②When connecting two or more capacitors in parallel, please consider the current balance when designing the circuit.

③当串联2个以上的电容器时，因加载电压存在差异，有可能加载过电压，请使用的时候另行咨询我们。

③When connecting two or more capacitors in series, overvoltage may occur due to the difference in load voltage. Please consult us separately when using.

④请勿在电容器的周围以及印刷配线板的背面安装发热部件。

④Do not install heating parts around capacitors or on the back of printed circuit boards.

3.强调安全的产品上的应用
3. Safety-critical product applications

如果应用在与生命相关的用途(①航空航天用器械 ②原子能用器械 ③医疗用器械)以及因产品的缺陷会给社会带来极大影响的用途上，请务必与本公司协商协议之后使用。

If the product is to be used in a life-related application (① aerospace equipment, ② nuclear energy equipment, ③ medical equipment) or in an application where the product's defects will have a significant impact on society, please be sure to consult with us before using the product.

4.极性
4.Polarity

本公司导电高分子电容器是有极性的固体铝电解电容器。请不要加载反向电压或交流电压。如果安装时极性弄反，有可能导致电路在初始状态短路。关于极性，请确认产品目录或规格说明书的尺寸图。

Our conductive polymer capacitors are solid aluminum electrolytic capacitors with polarity. Do not apply a reverse voltage or AC voltage. If the polarity is reversed during installation, the circuit may be shorted in the initial state. Please refer to the dimensional drawings in the catalog or specifications for polarity.

5.工作电压
5.Operating voltage

施加的电压不能超过额定电压，即使只是一瞬间，也会导致漏电流增加和短路故障。请将直流电压叠加纹波电压的峰值设定在额定电压以下。在任何运行过程中都无需降低电压。虽然规定了超过额定电压的浪涌电压，在温度范围内，不超过额定电压，无论环境温度如何仍将受限，不能保证长时间使用。

Do not apply a voltage that exceeds the rated voltage, as even a momentary load may cause an increase in leakage current and short-circuit failure. Set the peak value of the ripple voltage superimposed on the DC voltage below the rated voltage. It is not necessary to reduce the voltage in any operation. Although the surge voltage exceeding the rated voltage is specified, if it is below the rated voltage within the temperature range, there are limitations regardless of the ambient temperature, and prolonged use is not guaranteed.

6.纹波电流
6.Ripple current

请不要加载过大的电流(超过额定纹波电流)。当过大的纹波电流叠加时，可能导致内部的发热量增大，寿命缩短，发生短路故障等。

Do not apply excessive current that exceeds the rated ripple current. If excessive ripple current is applied, it may result in increased internal heat generation, shortened service life, short circuit failure, etc.

7.使用温度
7.Operating temperature

如果在超出工作温度范围的环境下使用，会导致性能老化并发生故障，请在工作温度范围内使用。

If the capacitor is used out of the category temperature range, performance deterioration and malfunction may occur.

8.充放电
8. Charging and discharging

请勿在反复快速充放电的电路中使用电容器。否则，电容容量可能会降低，电容可能会因内部发热而损坏。如果峰值电流超过 10A，建议使用保护电路以维持可靠性。

Do not use capacitors in circuits subject to repeated rapid charging and discharging. Otherwise, the capacitance may be reduced and the capacitor may be damaged by internal heat generation. If the peak current value exceeds 10A, it is recommended that a protective circuit be used to maintain reliability.

9.漏电流
9.Leakage current

有时漏电流会升高，但如果在工作温度范围内加载电压，漏电流会通过自愈逐渐降低。此外，越接近工作上限温度和额定电压值，漏电流下降得越快。

漏电流上升的原因如下：

Sometimes the leakage current rises, but if the voltage is loaded within the operating temperature, it gradually decreases by self-healing. In addition, the leakage current decreases faster the closer it gets to the upper operating temperature and the rated voltage.The reasons for the increase in leakage current are as follows.

①焊接

①Welding

②高温无负载、高温高湿、快速温变等试验

② High temperature and no load, high temperature and high humidity, rapid temperature change and other tests.

10.故障模式
10. Failure mode

①通过降低环境温度、纹波电流和加载电压可以减少故障率。

①The failure rate can be reduced by reducing the ambient temperature, ripple current, and load voltage.

②产品温度上升引起的静电容量减少及ESR 的上升引起的开路模式损坏是主要的故障模式。有时候也会偶发因过大电压和超大电流导致的短路模式。

②Open mode damage caused by a reduction of electrostatic capacity due to an increase in product temperature and an increase in ESR are the main failure modes. Occasionally, short-circuit mode may occur due to excessive voltage and large current.

③如果负载电压超过额定电压或电流过大导致短路，铝壳可能会因内部压力增加而膨胀或剥落，并散发出恶臭。

③If a short-circuit is caused by the load voltage exceeding the rated voltage or the current is too high, the aluminum case may expand or peel off due to the increase in internal pressure and emit a foul odor.

④产品材料含有易燃物质。短路区域可能会因电火花等起火。在进行产品的安装、定位和图形设计时，请考虑以下设计因素，以确保绝对安全。

④The material of the product contains flammable substances. The short-circuit area may catch fire due to electric sparks, etc. Please take the following design considerations into account when installing, positioning, and graphically designing the product to ensure absolute safety.

*设置保护电路、保护装置，确保设备安全。

*Protective circuits and devices are provided to ensure the safety of the equipment.

*提供冗余电路等，以免设备因单一故障而不稳定。

*Provide redundant circuits, etc., so that the equipment does not become unstable due to a single failure.

11.电容器的绝缘
11.Insulation

电容器的铝壳没有绝缘。请在电容器外壳与阴极端子、阳极端子和印制电路板之间进行电气绝缘。

The aluminum case of the capacitor is not insulated. Provide electrical insulation between the capacitor case and the cathode terminal, the anode terminal and the printed circuit board.

12.电容器的使用环境
12.Operating conditions

请不要在以下环境中使用电容器。

Do not use/expose capacitors to the following conditions.

①直接溅水、盐水及油，或者处于结露状态的环境。

①Water, salty water and oil. Avoid storage in damp locations.

②阳光直接照射的环境。

②Direct sunlight.

③充满有毒气体(硫化氢、亚硫酸、亚硝酸、氯及其化合物、溴及其化合物、氨等)的环境。

③Toxic gases such as hydrogen sulfide, sulfurous acid, nitrous acid, chlorine and its compounds, bromine and its compounds, ammonia, etc.

④臭氧、紫外线及放射线照射的环境。

④ Ozone, ultraviolet rays, or radiation.

⑤超过产品目录或规格说明书规定范围的振动或冲击条件。

⑤ Severe vibration or mechanical shock conditions beyond the limits prescribed in the catalog or the product specification.

13.电容器的配置
13.Configuration

①SMD品(铸模贴片型、贴片型)电容器印刷配线板的焊盘图形请参照产品目录或规格说明书的规定进行图形设计。

①For a surface mount capacitor, design the graphics of the PC board in accordance with the catalog or the product specification.

②对于引线品，应提供 PC 板上与电容器引脚间距相匹配的孔距。

②For a radial type capacitor, provide the appropriate hole spacing on the PC board to match the lead spacing of the capacitor.

③请不要在电容器的封口部下面进行电路配线。在电容器附近布线时，请确保线路间隔在1mm(条件允许时2mm)以上。

③Do not wire the circuit underneath the capacitor's seal. When wiring near the capacitors, make sure the wires are spaced 1mm (2mm if possible) or more apart.

④设计双面印刷电路板时，请勿在电容器安装位置下方开基板孔或通孔。

④When designing double-sided printed circuit boards, do not place substrate holes or through-holes below the capacitor mounting position.

⑤在双面印刷电路板上安装电容器时，电容器的安装位置不能配置线路。

⑤When mounting a capacitor on a double-sided PCB, the capacitor mounting position cannot configure lines.

Ⅱ.安装
Ⅱ. Installation

1.组装时
1.Assembling

①已经成套组装并通过电的电容器请勿再次使用。

①Do not reuse capacitors that have been assembled and electrified.

②电容器内可能产生再生电压。在这种情况下，请通过约1kΩ 的电阻对电容器进行放电。

②Regenerative voltage may be generated inside the capacitor. In this case, discharge the capacitor through a resistor of approximately 1kΩ.

③如果在室温 35℃、湿度 75%RH 以外的条件下，或在目录或规格书规定期限以外的条件下长期存放电容器，则电容器的漏电流可能会增大。在这种情况下，请在使用前通过约 1kΩ 的电阻对电容器放电。

③The leakage current of the capacitors may increase if they are stored for a long period of time under conditions other than room temperature of 35°C and humidity of 75%RH, or for a period of time other than the period specified in the catalog or specification. In this case, discharge the capacitor through a resistor of about 1kΩ before use.

④安装前请确认电容器的额定规格(静电容量及额定电压)

④Check the rated specifications (capacitance and rated voltage) of the capacitor before installation.

⑤安装前请确认电容器的极性。

⑤Check the polarity of the capacitor before installation.

⑥请勿使用跌落到地板上的电容器。

⑥Do not use a capacitor that has been dropped on the floor.

⑦安装时请勿使电容器变形。

⑦Do not deform the capacitor during installation.

⑧安装前请检查电容器的端子间距和印刷线路板的孔间距是否对齐。

⑧Check that the terminal spacing of the capacitor and the hole spacing of the printed wiring board are aligned before installation.

⑨请不要在电容器上施加超过产品目录或规格说明书所规定机械强度的力。如果在电容器上施加过强的力，电极端子会折断或变形，从而影响到安装。此外，还有可能导致短路、断线、漏电流增大和外包装破损等。自动装配机在对准吸附、安装位置以及切断引线时也有可能产生应力，请注意它的冲击力。

⑨Do not apply a force to the capacitor that exceeds the mechanical strength specified in the catalog or specification. If excessive force is applied to the capacitor, the terminals may break or be deformed, which may interfere with installation. It may also cause short-circuiting, breakage, increased leakage current, and damage to the case. The automatic assembly machine may also generate stress when adsorbing and mounting as well as leads cutting, so be aware of its impact force.

2.焊接耐热

2.Soldering and heat resistance

请参照我们推荐的条件设定焊接条件。由于焊接等产生的热应力，泄漏电流可能会增大，电容可能会减小。在低于上限工作温度的条件下施加电压时，增大的漏电流会逐渐减小。此外，漏电流会通过自愈得到改善，越接近上限工作温度和额定电压，自愈速度就越快。

Please set the soldering conditions refer to our recommended conditions. Leakage current may increase and capacitance may decrease due to thermal stress from soldering, etc. When the voltage is applied at conditions that are below the upper operating temperature, the increasing leakage current will gradually decrease. In addition, the leakage current is improved by self-healing, and the closer the condition is to the upper operating temperature and rated voltage, the faster the self-healing will be.

3) 利用烙铁进行焊接时，请确认以下内容。

1)When soldering with a soldering iron

①焊接条件（温度、时间）请设定在产品目录或规格说明书规定的范围内。

①Soldering conditions (temperature and time) should be within the limits prescribed in the catalog or the product specifications.

②请不要让烙铁的烙铁头接触到电容器的本体。

②Do not touch the capacitor body with the hot tip of the soldering iron

2) 进行波峰焊时，请确认以下内容。

2) Flow soldering (Wave soldering)

①进行焊接时，请勿将电容器主体浸入到熔融的焊料中，仅浸入端子。电容器的焊接仅在与其相反的印刷电路板背面一侧进行。

①Do not dip the body of a capacitor into the solder bath, only dip the terminals in. Soldering must be done on the backside of the PCB with capacitors.

②焊接条件不可超出产品目录或规格说明书中规定的范围。

②Soldering conditions should be within the limits prescribed in the catalog or the product specifications.

③除端子部分以外，不可附着有焊剂。

③Do not apply flux to any part of capacitors other than their terminals.

④进行焊接时，要注意避免其他部件翻倒接触到电容器。

④Make sure the capacitors do not come into contact with any other components while soldering.

＊SMD产品（贴片型）不对应波峰焊，敬请注意！

＊Please note that SMD type products are not suitable for flow soldering!

3) 进行回流焊时，请确认以下内容。

3) Reflow soldering

①焊接条件（预热、焊接温度、时间）不可超出产品目录或规格说明书中规定的范围。

①Soldering conditions (preheat, solder temperature and time) should be within the limits prescribed in the catalog or the product specification.

②回流炉的加热器种类及位置，甚至电容器的颜色和材质都有可能影响到电容器受到的温度应力，请注意加热的程度。

②The type and position of the heater in the reflow oven, and even the color and material of the capacitor may affect the temperature stress to which the capacitor is subjected, so please pay attention to the degree of heating.

＊请注意，除了SMD品（贴片型）以外，其他类型电容器不可进行回流焊接。

＊Please note that except for SMD type products, other types of capacitors cannot be reflow soldered.

4) 被安装过一次的电容器在拆下来之后请勿再次使用。在同一地方重新安装电容器时，请在清除焊剂等之后，用烙铁在规定范围的条件下安装。

4) Do not reuse a capacitor once it has been installed. When reinstalling a capacitor in the same location, remove the flux and use a soldering iron to install the capacitor under the specified conditions.

3.焊接后的处理

3.Handling After Soldering

焊接后不可施加以下机械应力。

Do not apply any mechanical stress to the capacitor after soldering onto the PC board.

①不可将电容器主体倾斜、倒地或扭曲。

①Do not lean or twist the body of the capacitor after soldering the the capacitor onto the PC board.

②不可抓电容器的本体搬运基板。

②Do not grab the capacitors for lifting or carrying the assembly board.

③不可让其他物体碰撞到电容器。当堆叠放置基板时，不可使其他部件接触电容器。

③Do not allow other objects to collide with the capacitor. When stacking the assembly board, be careful that other components do not touch the aluminum electrolytic capacitors.

④请勿将已安装好电容器的基板掉落。

④Do not drop the assembly board with capacitors installed.

4.基板清洗

4. Cleaning PC board

1) 请勿使用下列清洗剂清洗电容器。如果需要清洗，请勿超过产品目录或规格书中规定的条件。请特别注意超声波清洗的条件。

1) Do not clean capacitors with the following agents. If cleaning is required, do not exceed the conditions specified in the catalog or specifications. Please pay special attention to the conditions for ultrasonic cleaning.

＊卤素类溶剂	→电容器产生电化学腐蚀导致故障
＊Halogenated solvents	→Capacitor failure due to electrochemical corrosion.
＊碱性类溶剂	→铝壳腐蚀（溶解）
＊Alkaline solvents	→Corrosion (dissolution) of aluminum case
＊萜烯类、石油类溶剂	→封口橡胶老化
＊Terpene, petroleum solvents	→deterioration of sealing rubber plug
＊二甲苯、甲苯	→封口橡胶老化
＊Xylene, toluene	→deterioration of sealing rubber plug
＊丙酮	→标示消失
＊Acetone	→labeling disappears

＊换代氟利昂或者其他洗净药剂请事先咨询我们。

＊Please consult us before using CFC alternatives or other cleaning agents.

2) 清洗电容器时，请确认以下内容。

3) Check the following points when cleaning capacitors.

①请对清洗剂进行污染管理（电导度、pH、比重、含水率等）。

①Pay attention to the contamination management of the cleaning agent (conductivity, pH, specific gravity, water content, etc.).

②清洁电容器后，请勿将其存放在清洁液或密封容器中。此外，请用热风（低于最高工作温度）吹干铝电解电容器 10 分钟以上，使其充分干燥，以免清洁液残留在印刷电路板和电容器上。一般来说，铝电解电容器容易与卤素离子（尤其是氯离子）发生反应，反应程度因所使用的电解质和封装材料等而异。但是，当一定量的卤素离子侵入内部时，会在使用过程中导致腐蚀反应，造成破坏性故障，如漏泄电流大幅增加、发热和开路。

②After cleaning the capacitors, do not store them in cleaning solution or sealed containers. In addition, please dry the aluminum electrolytic capacitors sufficiently by blowing them with hot air (below the upper operating temperature) for more than 10 minutes to avoid the residue of cleaning solution on the PCB and capacitors. Generally, aluminum electrolytic capacitors react easily with halogen ions (especially chloride ions), and the degree of reaction varies depending on the electrolyte used and the packaging material, etc. However, when a certain amount of halogen ions intrude into the interior, it can lead to corrosive reactions during use and cause destructive failures such as a large increase in the leakage current, heat generation, and open circuit.

1) 使用以下新溶剂清洗时，请遵循以下清洗条件。

2)Use the following cleaning conditions when cleaning with the following new solvents.

①高级乙醇类清洗剂

① Highly concentrated ethanol-based cleaners

容许清洗条件：在温度不超过 60°C 的液体中浸泡不超过 10 分钟，或进行超声波清洗。无论采用哪种清洁方法，都不得擦拭 PCB 上的其他部件或电容器的标注部分。请注意，用清洗液冲洗可能会对电容器的标记部分造成伤害。

Cleaning conditions: Immersion in a liquid at a temperature of 60°C or less for no more than 10 minutes, or ultrasonic cleaning. Regardless of the cleaning method, do not wipe other parts or the labeled portion of the capacitor on the PCB. Note that rinsing with a cleaning solution may be harmful to the labeled portion of the capacitor.

②换代氟利昂

②CFC alternatives

容许清洗条件:请勿将产品浸入液体、超声波或蒸汽中清洗超过 5 分钟。从地球环境的角度来看，换代产品氟利昂的使用将逐步被禁止，因此请将此作为临时措施，尽量避免使用。

Cleaning conditions: Please do not immerse the product in liquid, ultrasonic waves or steam for more than 5 minutes. The use of CFC alternatives will be gradually banned from the perspective of global environment, so please take this as a temporary measure and avoid using it as much as possible.

③异丙醇

③ Isopropanol

浸泡清洗（请将焊剂浓度保持在清洗液的 2wt% 以下）。

Immersion cleaning (Please keep the flux concentration less than 2wt% relative to the cleaning solution).

5.固定剂、涂层剂

5.Precautions for using adhesive and coating agent

1)请不要使用含有卤素类溶剂的固定剂和涂层剂。

1)Do not use fixatives or coatings containing halogenated solvents.

2) 电容器上使用固定剂和涂层剂时，请确认以下内容。

2) Check the following when using fixatives and coatings on capacitors.

①印刷配线板和电容器封口之间不可残留有焊剂残渣及污垢。

①Do not leave flux residue or dirt between the PCB and the capacitor seal.

②在涂抹固定剂和涂层之前，先擦干并清除清洁液。封口处不可全部被覆盖。

② Dry and remove the cleaning solution before applying the fixative and coating. Do not completely cover the seal area.

③有关固定剂和涂层剂的热硬化条件，请咨询我们。

③Consult us for the heat curing condition of the fixative and coating agent.

④电容器的封口部完全被树脂堵住时，因电容器内部的压力无法有效释放，将会引发险情。此外，如果固色剂和涂层剂中含有大量卤素离子，它们可能会穿过密封橡胶渗入电容器内部，导致异常发生，有关事项请咨询我们。

④If the sealing area of the capacitor is completely blocked with resin, a dangerous situation will occur because the internal pressure inside the capacitor cannot be effectively released. In addition, if there are a large number of halogen ions in the fixing agent and coating agent, they may penetrate through the sealing rubber into the inside of the capacitor and cause an abnormality, so please get in touch with us.

⑤有些种类的固定剂和涂层剂，有时会造成电容器变化现象，请务必注意。

⑤Some coating materials, it can not be implemented on the capacitor.

6.熏蒸处理

6.Fumigation

在电子设备类进出口时，有时需用溴化甲烷等卤素化合物进行熏蒸处理。此时，如果铝电解电容器接触到溴化甲烷等卤素化合物，会和「基板清洗」一样，有产生卤素离子而发生腐蚀反应的危险。

When importing or exporting electronic equipment, it is sometimes necessary to fumigate with halogen compounds such as methyl bromide. If aluminum electrolytic capacitors come into contact with halogen compounds such as methyl bromide, there is a risk of corrosion due to the generation of halogen ions.

本公司在进出口的时候，采用的是无需熏蒸处理的包装方式。客户在进出口电子设备，半成品及铝电解电容器单体的时候，请注意有无熏蒸处理，最终的包装形态等。（即使用瓦棱纸箱、塑料等进行包装，熏蒸气体还是有侵入内部的危险。）

Our company adopts the packaging method without fumigation treatment. When importing or exporting electronic equipment, semi-finished products or aluminum electrolytic capacitors, please pay attention to the presence or absence of fumigation treatment and the final packaging form. (There is a risk of fumigant gas entering even if they are packaged in corrugated cardboard or plastic).

III. 配套使用中的注意事项

III.The Operation of Devices

1.请不要直接接触电容器的端子。

1.Do not have direct contact with the capacitor terminals.

2.电容器的端子之间不可有导电体以免造成短路。

2.There must be no conductive material between the capacitor terminals, otherwise there is a risk of short circuit.

此外，不要将导电溶液（如酸性和碱性溶液）溅到电容器上。

In addition, do not splash conductive solutions such as acidic and alkaline solutions on the capacitors.

3.请确认装配了电容器的成套电路的安装环境。

3.Check the installation environment of the circuit with capacitors.

请不要在以下环境下使用。

Do not use/expose capacitors to the following conditions.

① 直接溅水或油到电容器上的环境；

① Splash water or oil.

② 阳光直射到电容器的环境；

② Direct sunlight.

③ 臭氧、紫外线及放射线照射的环境；

③ Ozone, ultraviolet rays, or radiation.

④充满有毒气体（硫化氢、亚硫酸、亚硝酸、氯及其化合物、溴及其化合物、氨等）的环境；

④Toxic gases such as hydrogen sulfide, sulfurous acid, nitrous acid, chlorine and its compounds, bromine and its compounds, and ammonium.

⑤振动或冲击条件超出产品目录或规格说明书规定范围的环境.

⑤Severe vibration or mechanical shock conditions beyond the limits prescribed in the catalog or the product specification.

Ⅳ. 保养检查注意事项

Ⅳ. Maintenance Inspection

1.请定期检查使用于工业设备上的电容器。

1.Periodically inspect capacitors used in industrial equipment.

对电容器进行保养检查的时候，请先切断设备的电源，放掉电容器内的存储电。当用万能表检查时，请先确认万能表的极性后再使用。并且，请注意不要让引线端子等受到应力的影响。

When performing maintenance checks on capacitors, disconnect power to the equipment and discharge the stored electricity in the capacitors. When checking with a multimeter, check the polarity of the multimeter before use. Also, be careful not to stress the lead terminals.

2.请按以下内容进行定期检查。

2. Please make regular inspections as follows.

①外观有无明显异常

① Appearance for obvious abnormality

②电气性能（漏电流、静电容量、损失角的正切值及产品目录或规格说明书中规定的项目）

②Electrical performance (leakage current, capacitance, DF value and items specified in the catalog or specification).

＊当以上内容确认有异常时，请确认电容器的规格并相应更换。

＊If there is any abnormality in the above items, confirm the specifications of the capacitor and replace it accordingly.

Ⅴ.紧急情况

Ⅴ.Contingencies

1)设备使用时，如果电容器中冒出气体、短路导致燃烧或发出恶臭或冒烟，请断开设备主电源或从插座上拔下电源线插头。

1)Disconnect the main power supply or unplug the power cord from the wall outlet if gas is emitted from the capacitor, if a short circuit causes combustion, or if a foul odor or smoke is emitted.

2)如果电容器出现异常或燃烧，外包装树脂等有可能燃烧分解，产生气体。请勿将脸和手靠近。如果放出的气体进入眼睛或被吸入，请立即用清水冲洗眼睛和口腔。如果溅到皮肤上，请用肥皂清洗。

2)If the capacitor is abnormal or burns, there is a possibility that the outer packaging resin, etc. may burn and decompose, producing gas. Keep your face and hands away from it. If the discharged gas enters your eyes or is inhaled, immediately wash your eyes and mouth with water. If it gets on your skin, wash it with soap.

Ⅵ.储存

Ⅵ.Storage

建议在以下条件下储存电容器。

The following storage conditions are recommended.

1) 请勿将电容器存放在高温或高湿度环境中。请将电容器存放在室温5至35°C、湿度75%或以下的环境中。

1)Do not store capacitors in high temperature or high humidity environments. Store the capacitors at a room temperature of 5 to35°C and a humidity of 75% or less.

储存期限请参考下表。

Refer to the following table for the storage period.

	拆包前 Before unpacking	拆包后 After unpacking
贴片型 SMD Type	交货后半年内 Within 6 months after delivery	自拆封日起7天内 Within 7 days of package opening date
引线型 Radial Type	交货后1年内 Within 12 months after delivery	自拆封日起30天内 Within 30 days of package opening date

①SMD品（贴片型）密封在PE塑料袋内。拆包后请于储存期限内用完。

①SMD products are sealed in a PE plastic bag. Please use all capacitors within the disposal period once the bag is opened.

②已经拆包的产品若需要继续保管，请将其放回包装袋中并密封。

②If you need to store the unpacked product, please put it back into the bag and seal it with a zipper.

③SMD品（贴片型）的回流条件请参考我司建议。

③Be sure to follow our reflow soldering recommendations.

2) 请不要将电容器存放在溅水、盐水及油的环境下。

2)Store the capacitors away from direct contact with water, salt water, and oil.

3) 请不要将电容器存放在充满有害气体（硫化氢、亚硫酸、亚硝酸、氯及其化合物、溴等卤素气体、溴化甲烷等卤素化合物、氨等）环境下。

3)Do not store capacitors in an environment containing harmful gases (hydrogen sulfide, sulfurous acid, nitrous acid, chlorine and its compounds, halogenated gases such as bromine, halogenated compounds such as methylene bromide, ammonia, etc.).

4) 请勿将电容器存放在暴露于臭氧、紫外线或辐射的环境中。

4) Do not store the capacitors in an environment exposed to ozone, ultraviolet rays, or radiation.

5) 建议尽可能将电容器存放在原包装中。

5) It is recommended that capacitors be stored in their original packaging whenever possible.

Ⅶ.废弃处理

Ⅶ.Disposal

请交给专业的工业废弃物处理厂进行处理。

For disposal of capacitors, please contact a local industrial waste disposal company.

Ⅷ.RoHS 与 REACH法规

Ⅷ.RoHS & REACH

1) 我们的产品符合RoHS指令和其他关于环境有害物质的规定。

1) Our products comply with the RoHS Directive and other regulations on environmentally hazardous substances.

2) 我们的产品符合REACH法规和其他关于环境有害物质的法规。

2) Our products comply with the REACH regulation and other regulations on environmentally hazardous substances.

Ⅸ.产品目录

Ⅸ.Catalog

目录规格如有变更，恕不另行通知。目录中显示的数据不保证为总体性能，但具有典型性。

Catalog specifications are subject to change without notice. Test data shown in catalog is not guaranteed as total performance, but is typical.

高分子固液混合型铝电解电容器使用注意事项
Application Guidelines for Conductive Polymer Hybrid Aluminum Electrolytic Capacitors

固液混合型铝电解电容器（下文中略称为电容器）是采用了高电导率固态电解质及电解液的电容。最大限度的发挥了电容器的特长，使用时请注意以下问题。本目录中记述的电路和“规格书”内容是用于说明本公司产品的动作示例和使用示例，对客户实际使用时的设备系统操作，恕不给予任何保证。关于“规格书”中记述的我公司产品特性是否适用于贵公司设备系统规格，最终由贵公司判断并承担相应责任。请贵公司自行采取冗余设计、误动作防止设计等安全设计，以免因设计不当引起故障导致人身事故、火灾事故发生。

Conductive polymer hybrid aluminum electrolytic capacitors (from now on referred to as capacitors) use high-conductivity solid electrolytes to maximize their strength. The circuits and specifications described in this catalog are intended to illustrate the operation and use of our products. Please note that we cannot guarantee the operation of the equipment and system when used by the customer.You are ultimately responsible for determining if the characteristics of our products, as described in the specifications, are applicable to your equipment and system.To prevent malfunctions that could lead to personal or fire accidents, it is important to incorporate redundancy design, false operation prevention design, and other safety measures.

1.设计方面的确认事项

1.Designing Device Circuits

1) 请在确认使用环境及装配环境的基础上，在产品目录及规格说明书中规定的电容器额定性能的范围内使用。

1) Choose capacitors that match the installation and operating conditions, and ensure that the application meets the performance limits outlined in this catalog or the product specifications.

2) 极性

2) Polarity

电容器具有极性。请不要加载反向电压或交流电压。如果安装时极性弄反，有可能导致电路在初始状态短路，压力阀动作等破损。关于极性请确认产品目录或规格说明书中各页的尺寸图及产品本体的标示。

Conductive polymer hybrid aluminum electrolytic capacitors are polarized. Do not apply reverse voltage or AC voltage to polarized capacitors. Reverse polarity will cause a short circuit or venting. Refer to the catalog, the dimensional drawing in the product specifications, or the polarity marking on the capacitor body before use.

3) 加载电压

3) Operating voltage

请不要加载过大电压（超过额定电压的电压）。电容器上设定了额定电压。请将和直流电压叠加的纹波电压的峰值设定在额定电压以下。如果在工作温度范围内、额定电压以下使用，无论环境温度是多少度，都不需要降低电压。虽然规定了超过额定电压的浪涌电压，但有限制条件，不能保证长时间使用。

Do not apply a DC voltage that exceeds the rated voltage. The peak voltage of a superimposed AC voltage (ripple voltage) on the DC voltage must not exceed the rated voltage. If the capacitor is used within the operating temperature range and below the rated voltage, no voltage derating is required regardless of ambient temperature. A surge voltage value, that exceeds the rated voltage, is prescribed in the catalog, but it is a restricted condition, for very short periods of time.

4) 纹波电流

4) Ripple current

请不要加载超大电流（超过额定纹波电流的电流）。施加过大的纹波电流时，会有内部发热膨胀、寿命缩短、压力阀动作、短路故障等失效现象发生。在低于额定纹波电流的条件下使用，当直流偏置电压过低时，也有可能造成施加反向电压。请确保在未施加反向电压的条件下使用。额定纹波电流的频率是有限制条件的，在规定外的频率下使用时，要控制在乘以各系列规定的频率修正系数的值以下。

Do not apply excessive current (current exceeding the rated ripple current). Excessive ripple current can cause internal heat expansion, shortened life, safety valve operation, short circuit, and other failures.When using capacitors under conditions below the rated ripple current, it is also possible to apply reverse voltage if the DC bias voltage is too low. Be sure to use the capacitor without applying reverse voltage.The rated ripple current is specified at a specific ripple frequency. The rated ripple current at different frequencies must be calculated by multiplying the rated ripple current at the original frequency by the frequency multipliers for each product series.

5) 使用温度

5) Category temperature

请勿在高温（温度超过工作上限）条件下使用电容器。在工作温度范围之外使用电容器将大大缩短其使用寿命或导致电容器开阀。为确保最佳性能（不受环境温度限制），必须检查机器内部的温度，包括发热元件（如晶体管和电阻器）的辐射热和纹波电流产生的热量。降低温度可延长电容器的使用寿命。请勿在电容器背面配置发热元件。

Do not use the capacitors at high temperatures (temperatures exceeding the upper operating limit).Capacitors used outside the category temperature range will considerably shorten the lifespan or cause the capacitor to vent. To ensure optimal performance, not limited to ambient temperature, it is important to check the temperature inside the machine, including radiant heat from heating elements (such as transistors and resistors) and heat generated by the ripple current. Lowering the temperature will extend the lifespan of the capacitor. Please do not install a heating element on the back of the capacitor.

6) 寿命

6) Life expectancy

设计电路时，要选用与设备寿命符合的电容器。请注意利用寿命公式计算的结果并非保证值。在进行寿命设计时，请选择相对于推断值具有充足的余量的电容器。此外，利用推定寿命公式计算的结果超过 15 年时，以 15 年为上限。

Select capacitors that meet the device's service life requirements.Please note that the result calculated by the life formula is not a guaranteed value. When designing for longevity, select capacitors with a sufficient margin over the estimated value. Additionally, if the result calculated by the estimated life formula exceeds 15 years, the maximum lifespan is capped at 15 years.

7) 充放电

7) Charge and discharge

避免在快速充放电的电路中使用通用电容器。如需在反复快速充放电的电路中使用电容器，请咨询我们。注意浪涌电流。建议使用保护电路。在电压差异较大的充放电电路中或在反复快速充放电的短周期电路中使用的电容器，可能会因静电容量降低和内部发热而损坏。

Avoid using general-purpose capacitors in circuits that undergo rapid charging and discharging. Please consult us for capacitors to be used in circuits that are subject to repeated rapid charging and discharging. Take caution with inrush current. A protection circuit is recommended. Capacitors used in charging and discharging circuits with large voltage differences or in short-cycle circuits with repeated rapid charging and discharging may be damaged due to reduced electrostatic capacitance and internal heat generation.

8) 漏电流

8) Leakage current

漏电流会因回流焊等的热应力上升，但如果在工作温度范围内加载电压，漏电流会因自我修复而逐渐减小。此外，越接近工作温度和额定电压，漏电流下降得越快。

During reflow soldering, thermal stress can cause an increase in leakage current. However, if the voltage is loaded within the operating temperature range, the leakage current gradually decreases due to

self-healing. Furthermore, the closer the temperature gets to the upper operating limit and the rated voltage, the faster the leakage current decreases.

漏电流上升的原因如下：

The causes of an increase in leakage current are as follows:

①焊接

①Welding

②高温无负载、高温高湿、高低温冲击等试验

②Perform tests such as high-temperature no-load, high temperature and high humidity, and thermal shock.

9) 电容器的故障模式

9) Failure modes of capacitors

非固体铝电解电容器是有使用寿命的零件，在一般情况下会发生开路型故障。产品及使用条件的不同有时会同时引发压力阀动作（Φ10mm）等的故障。但是，在过电压及过电流等超过保证范围的负荷条件下使用电容时，可能会发生短路模式故障。故障模式，根据引发故障的使用条件而不同。

Non-solid aluminum electrolytic capacitors are parts that have a life expectancy and generally experience open circuit type failures. Differences in products and conditions of use may both lead to malfunctions such as venting (For Φ10mm capacitors).However, when capacitors are used under load conditions such as overvoltage and overcurrent that exceed the guaranteed range, short-circuit failure may occur.The type of fault varies depending on the operating conditions.

10) 电容器的绝缘

10) Insulation

电容器的铝壳未保证绝缘。外部镀膜/包装层起标识作用，无保证电气绝缘功能。电容器的外壳和阴极端子及阳极端子和电路型板之间请进行电气绝缘。

The aluminum case of the capacitor is not guaranteed to be insulated. The outer coating/packaging layer is for identification purposes only and does not provide electrical insulation. Electrical insulation should be applied between the capacitor case and the cathode terminal, as well as between the anode terminal and the printed circuit board.

11) 电容器的使用环境

11) Conditions

请不要在以下环境中使用电容器。

Do not use/expose capacitors to the following conditions.

①直接溅水、盐水、油或处于结露状态的环境

①Water, salty water,oil or dewy conditions.

②阳光直接照射的环境

②Direct sunlight.

③充满有毒气体（硫化氢、亚硫酸、亚硝酸、氯及其化合物、溴及其化合物、氨等）的环境

③Toxic gases such as hydrogen sulfide, sulfurous acid, nitrous acid, chlorine and its compounds, bromine and its compounds, ammonia, etc.

④臭氧、紫外线及放射线照射的环境

④Ozone, ultraviolet rays or radiation

⑤振动或冲击条件超过产品目录或规格说明书规定范围的过激环境，标准的振动条件，以承认书为准。

⑤Severe vibration or mechanical shock conditions beyond the limits prescribed in the catalog or the product specification.

12) 电容器的配置

12) Mounting

电容器使用了以可燃性有机溶剂为主要溶媒的导电性电解液和可燃性电解纸。当电解液漏出到印刷线路板上时，会腐蚀电路线路，造成电路线路间的短路，进一步导致冒烟、起火，因此，请在确认以下内容后进行设计。

The electrolytic paper and conductive electrolyte in a non-solid aluminum electrolytic capacitor are flammable. Leaking electrolyte on a circuit board can gradually erode the copper traces, possibly causing smoke or burning due to copper traces short-circuit. Please check the following points when designing a PC board.

①请在电容器（Φ10mm）的压力阀上方预留至少2mm的空间。

①Leave at least 2 mm of free space above the vent to allow the vent to work properly

②请不要在电容器的压力阀上方设置配线和电路线路。

②Do not place any wires or copper traces over the vent of the capacitor.

③请避免在电容器的周围以及印刷配线板的背面（电容器的下面）设置发热零部件。

③Avoid placing heat-generating objects near a capacitor or on the back of the PCB (under the capacitor).

④贴片型电容用焊盘尺寸，请参照产品目录及规格书的推荐尺寸进行设计。

④For a surface mount capacitor, design the copper pads of the PC board in accordance with the catalog or the product specification.

⑤插件型电容请保持电容器的端子间隔和印刷线路板的孔间距尺寸一致。

⑤For plug-in capacitors, make sure the capacitor terminal spacing matches the PCB hole spacing.

⑥电容器的封口部位下方请不要配置电路线路。电解液漏出时，会造成电路线路短路，可能会发生漏电痕迹或迁移电流。在电容器的周围设计配线时，线路间隔请确保至少1mm(条件允许时2mm以上)。

⑥Do not place any copper traces under the seal side of a capacitor. If the electrolyte leaks out, the copper traces will be shorted, and leakage traces or migrating currents may occur. When designing the wiring around the capacitor, make sure that the wire spacing is at least 1mm (2mm or more if conditions permit).

⑦将电容器安装于两面印刷配线板时，电容器的下方请不要设计多余的线路板孔及连接线路板正面背面的贯通孔。

⑦When designing double-sided printed circuit boards, do not place an additional hole or create a through-hole to connect the front and back of the board under the capacitor.

⑧将电容器安装于两面印刷配线板时，电容器主体的安装部位请注意不要设置配线线路。

⑧When designing double-sided printed circuit boards, be careful not to place copper traces in the capacitor body mounting area.

13) 在强调安全的产品上的应用

13) Special safety applications

在涉及人身安全的用途、因设备故障/误动作/缺陷可能对人身安全和财产造成损害的用途，或可能对社会造成巨大影响的以下特定用途使用本产品时，请于使用前与我公司服务窗口联系，在协商后再行使用。①航空航天设备②核能设备③医疗设备④运输设备(汽车、列车、船舶等)⑤交通机构控制设备⑥防灾防盗设备⑦公共性较高的信息处理设备⑧海底设备⑨其他特定用途的设备。

When using this product for applications involving personal safety, applications that may cause damage to personal safety or property due to equipment failure/malfunction/defects, or the following specific applications that may have a significant impact on society, please consult us first. ①Aerospace equipment ②Nuclear energy equipment ③Medical equipment ④Transportation equipment (automobiles, trains, ships, etc.) ⑤Transportation control equipment ⑥Disaster prevention and theft prevention equipment ⑦Public information processing equipment ⑧Submarine equipment ⑨Other special-purpose equipment.

14) 其他

14) Others

①随着温度及频率的变动，电容器的电气特性会发生变化。请在确认这种变化量后设计电路。

①The electrical characteristics of capacitors vary with temperature and frequency. Please consider these factors when designing equipment circuits.

②将 2 个电容器并联连接时，电路设计请考虑电流的平衡。

②Capacitors mounted in parallel require the current to flow evenly through each capacitor.

③将 2 个电容器串联连接时，要考虑电压的平衡，可插入与电容器并列的分压电阻。

③When 2 capacitors are connected in series, the voltage balance is taken into account and the voltage divider can be connected in parallel with the capacitors.

2.安装

2.Installing Capacitors

1) 组装时

1) Installing

①已经成套组装并通过电的电容器请勿再次使用。

①Do not reuse capacitors that have been assembled and electrified.

②电容器可能会产生再生电压。使用前，请用 1kΩ左右的电阻器进行放电处理。

②The capacitor may generate regenerative voltage. Discharge the capacitor with a resistor of approximately 1kΩ before use.

③在超过室温 35℃、湿度 75%RH 的条件下，超过产品目录或规格说明书的规定期限进行长期保管时，电容器的漏电流有可能增大。此时，请通过 1kΩ 左右的电阻进行电压处理。

③If the capacitor is stored for a long time beyond the period specified in the product catalog or specification under conditions exceeding room temperature of 35 °C and humidity of 75% RH, the leakage current of the capacitor may increase. At this time, please apply voltage treatment through a resistance of about 1k Ω.

④安装前请确认电容器的额定规格（静电容量及额定电压）。

④Check the rated specifications (electrostatic capacitance and rated voltage) of the capacitor before installation.

⑤安装前请确认电容器的极性。

⑤Check the polarity of the capacitor prior to installation.

⑥请勿使用跌落到地板上的电容器。

⑥Do not use capacitors that have fallen to the ground.

⑦安装时请勿使电容器变形。

⑦Do not deform the capacitor during installation.

⑧请确认电容器的端子间隔和印刷线路板的孔间距尺寸一致后，再进行安装。

⑧Before installing the capacitors, check that the lead spacing of the capacitor matches the hole spacing in the PCB.

⑨不可对电容器施加产品目录或规格书规定的机械强度以上的力。自动装配机在吸附、装配及位置对准时，或者切割端子时有可能产生应力，请注意它的冲击力。

⑨Do not apply mechanical force beyond the limits specified in the catalog or product specifications of the capacitors. Also note that the capacitors may be damaged by mechanical shocks caused by the adsorption, mounting, or position alignment of an automatic mounting machine.

2) 焊接耐热

2) Soldering and heat resistance

①利用烙铁进行焊接时，请确认以下内容。

①When soldering with a soldering iron, check the following.

-请按烙铁尖端温度 380±10℃、3±0.5 秒的条件进行焊接。

-Soldering should be performed at a temperature of 380±10°C at the tip of the soldering iron for 3±0.5 seconds.

-烙铁的尖端不能接触电容器主体。

-The tip of the soldering iron should not touch the capacitor.

②进行波峰焊时，请确认以下内容。

②When performing wave soldering(also known as flow soldering), confirm the following.

-进行焊接时，请勿将铝电解电容器主体浸入到熔融的焊剂中。插入印刷线路板作为阻隔，只对放电容器侧反面的基板表面进行焊接。

-Do not immerse the main body of the aluminum electrolytic capacitor in molten solder when soldering. Use a printed circuit board as a barrier and solder only the surface of the PCB on the back side of the side where the capacitor is placed.

-焊接条件不可超出产品目录或规格书中规定的范围。

-Soldering conditions must not exceed those specified in catalog or specifications.

-除端子部以外，不可附着有助焊剂。

-Flux should be applied only to the terminals.

-进行焊接时，要注意避免其他部件翻倒接触到电容器。

-When soldering, take care to prevent other parts from falling over and coming into contact with the capacitor.

③进行回流焊焊接时，请确认以下内容。

③Check the following when performing reflow soldering

-焊接条件（预热、回流温度、时间）不可超出产品目录或规格书中规定的范围。

-Reflow soldering conditions (preheat, solder temperature, and dip time) should be within the limits specified in the catalog or product specifications.

-回流次数在产品目录及规格书中有规定。

-Reflow cycles are specified in the catalog and specifications.

④被安装过的电容器，在拆卸下来之后，请勿再次使用

④Do not reuse the installed capacitor after disassembly.

⑤除引线型以外，请注意其他类型都不可进行波峰焊接。

⑤Please note that wave soldering is not allowed for all types except the radial type capacitor.

⑥除贴片型以外，请注意其他类型都不可进行回流焊接。

⑥Please note that reflow soldering is not allowed for all types except the SMD type capacitor.

3) 焊接后的处理

3) Handling after soldering

焊接后的处理注意不可施加以下机械应力。

Do not apply mechanical stress to the capacitor after soldering it to the PCB

①电容器主体不可倾斜、倒地或扭曲。

①Do not tilt, drop, or twist the capacitor body after soldering the capacitors to the circuit board.

②不可抓住电容器的主体搬运电路板。

②Do not grab the body of the capacitor to carry the circuit board.

③不可让其他物体碰撞到电容器。此外，当重叠放置印刷配线板时，不可使印刷配线板或其他零件碰到电容器。

③Do not hit the capacitor after soldering it to the PC board. When stacking the assembly board, make sure that other components do not touch the aluminum electrolytic capacitors.

④切勿掉落已安装电容器的 PC 板。

④Do not drop PC boards with installed capacitors.

4) 基板清洗

4) PC board cleaning

①请勿使用以下清洗剂清洗电容器。

①Do not clean capacitors with the following agents.

＊卤素类溶剂	→电容器产生电化学腐蚀导致故障
＊Halogenated solvents	→Capacitor failure due to electrochemical corrosion.
＊碱性类溶剂	→铝壳腐蚀（溶解）
＊Alkaline solvents	→Corrosion (dissolution) of aluminum case
＊萜烯类、石油类溶剂	→封口橡胶老化
＊Terpene, petroleum solvents	→deterioration of sealing rubber plug
＊二甲苯、甲苯	→封口橡胶老化
＊Xylene, toluene	→ deterioration of sealing rubber plug
＊丙酮	→标示消失
＊Acetone	→ labeling disappears

需要进行清洗时，请不要超出产品目录和规格书规定的条件。请特别注意超声波清洗的条件。

If cleaning is required, do not exceed the conditions specified in the catalog and specifications. Please pay special attention to the conditions for ultrasonic cleaning.

②清洗电容器时，请确认以下内容。

②Check the following points when cleaning capacitors.

-请进行清洗剂的污染管理 (电导性、pH、比重、含水量等)。

-Pay attention to the contamination management of the cleaning agent (conductivity, pH, specific gravity, water content, etc.).

-清洗后，请不要保管在清洗液或密封的容器中。此外，请用热风（ 工作上限温度以下)吹 10 分钟以上进行充分干燥，避免印刷配线板及电解电容器上残留有清洗液。一般情况下铝电解电容器很容易和卤素离子发生反应（ 特别是氯离子)，因使用的电解质和封装材料等的不同，反应的程度有所差异，但是，当一定量的卤素离子侵入到内部，会导致使用过程中发生腐蚀反应，并引起漏电流大幅增加，发热，压力阀动作、开路等破坏性故障。

-After cleaning the capacitors, do not store them in cleaning solution or sealed containers. In addition, please dry the aluminum electrolytic capacitors sufficiently by blowing them with hot air (below the upper operating temperature) for more than 10 minutes to avoid the residue of cleaning solution on the PCB and electrolytic capacitors. Generally, aluminum electrolytic capacitors react easily with halogen ions (especially chloride ions), and the degree of reaction varies depending on the electrolyte used and the packaging material, etc. However, when a certain amount of halogen ions intrude into the interior, it can lead to corrosive reactions during use and cause destructive failures such as a large increase in the leakage current, heat generation, and the operation of the safety vent and open circuit.

5) 固定剂、涂层剂

5) Adhesive and coating agent

①请不要使用含有卤素类溶剂的固定剂和涂层剂。

①Do not use adhesives or coating materials that contain halogenated solvents

②电容器上使用固定剂和涂层剂时，请确认以下内容。

②Before the use of any adhesive or coating material, be sure of the following:

印刷配线板和电容器封口之间不可残留有焊剂残渣及污垢。

Remove flux and dust residue between the rubber seal and the printed circuit board.

在涂固定剂和涂层剂之前，请先干燥清洗液。且封口处不可全部被堵住。

Dry and remove any cleaning agent residue before applying adhesive and coating materials to the capacitors. Do not cover the entire surface of the rubber seal with adhesive or coating materials.

有关固定剂、涂层剂的热硬化条件，请向我们咨询。

Please contact us for thermosetting conditions for adhesives and coatings.

电容器的封口部位完全被树脂堵住时，因电容器内部的压力无法有效释放，将会引发险情。此外，当固定剂和涂层剂中的卤素离子过多时，该成分会通过封口橡胶侵入电容器内部，导致异常发生。

Covering the entire surface of the capacitor rubber seal with resin may cause a hazardous condition because the internal pressure cannot be completely released. In addition, a large amount of halogen ions in the adhesive and coating agent will cause the capacitors to fail because the halogen ions penetrate the rubber seal into the inside of the capacitor.

固定剂、涂层剂中使用的个别种类的溶剂，会导致电容器表面发生变化，请务必注意。

Note that certain types of solvents used in adhesives and coatings can cause changes to the surface of the capacitor.

3、配套使用中的注意事项

3. Precautions in application operation

1) 请不要直接接触电容器的端子。

1) Do not touch a capacitor directly with bare hands.

2) 电容器的端子之间不可有导电体以免造成短路。此外，请不要把酸性及碱性溶液等导电性溶液溅到电容器上。

2) Do not short-circuit the terminal of a capacitor by letting it come into contact with any conductive object. Also, do not spill conductive liquid such as acid or alkaline solution over the capacitor.

3) 请确认装配了电容器的成套电路的安装环境。

3) Verify the circuit's installation environment for capacitors

请不要在以下环境下使用。

Do not use capacitors in circumstances where they would be subject to exposure to the following substances:

①溅水、油、结露的环境

① Water, oil, or dewy conditions.

②阳光直射到电容器的环境

②Direct sunlight

③臭氧、紫外线及放射线照射的环境

③Ozone, ultraviolet rays, or radiation

④充满有毒气体（ 硫化氢、亚硫酸、亚硝酸、氯及其化合物、溴及其化合物、氨等) 的环境

④Toxic gases such as hydrogen sulfide, sulfite, nitrite, chlorine and its compounds, bromine and its compounds, ammonia, etc .

⑤振动或冲击条件超出产品目录或规格说明书的范围。

⑤Severe vibration or mechanical shock conditions beyond the limits prescribed in the catalog or product specification.

4、保养检查注意事项

4. Maintenance Inspection

1) 请定期检查使用于工业设备上的电容器。对电容器进行保养检查的时候，请先切断设备的电源，放掉电容器内的存储电。当用万能表检查时，请先确认万能表的极性后再使用。

此时，请注意不要让引线端子等受到应力的影响。

Make periodic inspections of capacitors that have been used in industrial applications. Before inspection, turn off the power supply and carefully discharge the electricity in the capacitors. Verify the polarity when measuring the capacitors with a volt-ohm meter. Also, do not apply any mechanical stress to the terminals of the capacitors.

2) 请按以下内容进行定期检查。

2) The following items should be checked during the periodic inspections.

①外观 (压力阀动作、漏液等) 有无明显异常。

①Significant damage in appearance: venting and electrolyte leakage.

②电气性能（ 漏电流、静电容量、损失角的正切值及产品目录或交货规格书中规定的项目)

②Electrical characteristics: leakage current, capacitance, tanδ, and other characteristics prescribed in the catalog or product specifications.

当以上内容有异常时，请确认电容器的规格，并进行相应替换。

We recommend replacing the capacitors if the parts are out of specification.

5、紧急情况

5. Emergency

1) 一定尺寸以上的电容器，为了降低异常的压力装配有压力阀。若发现配套设备中使用的电容器的压力阀动作过程中有气体溢出时，请切断设备的电源或从插座上拔下电源线的插头。如果任其自然而不切断电源，电路会因电容器的短路而损坏，或气体液化，电路短路，最严重的时候，有可能导致设备烧毁等产生二次灾害。从电容器的压力阀出来的气体，是电解液气化物，不是烟。

1) The capacitor of a certain size is equipped with a safety vent to reduce abnormal pressure.If gas overflows during the operation of the safety vent of the capacitor used in the equipment, immediately turn off the power switch or unplug the power plug of the equipment from the receptacle.If the power supply is not disconnected, the circuit will be damaged by a short circuit of the capacitor, or the gas will liquefy and the circuit will be short-circuited, and in the worst case, it may cause secondary disasters such as the burning of equipment.The gas that comes out of the safety vent on the capacitor is electrolyte vapor, not smoke.

2) 当电容器的压力阀动作时，会喷出超过 100°C的高温气体，切勿将脸靠近。如果喷出的气体不慎进入眼睛或被吸入，应立即用水清洗眼睛并漱口。如果气体沾到皮肤上，请用肥皂和水清洗。

2)When the safety vent of the capacitor is activated, hot gas over 100°C will be emitted, do not approach it with your face.If the emitted gas accidentally enters your eyes or is inhaled, immediately wash your eyes with water and rinse your mouth. If the gas gets on your skin, wash it with soap and water.

6、保存

6. Storage

1) 不可将电容器保存在高温高湿的环境。请保管在室温 5 ～ 35°C、湿度 75% 以下的环境。保管期限，原则上为制造后 1 年以内。

1) Do not store capacitors in high temperature or high humidity environments. Store capacitors indoors at a temperature of 5 to 35°C and a relative humidity of 75% or less. The storage period is, in principle, 1 year from the date of production.

2) 请尽量以包装状态保管。

2) Please keep capacitors in the original package.

3) 请避免在以下环境下保管。

3) Avoid storing the capacitors under such conditions:

①溅水、高温高湿及结露的环境

①With water, high temperature, high humidity, or dewy conditions.

②溅油、或者充满气体油成分的环境

②With oil or gaseous oil component conditions.

③溅盐水、充满盐分的环境

③With saltwater or salt content conditions.

④充满酸性有毒气体 (硫化氢、亚硫酸、亚硝酸、氯、溴、溴化甲烷等) 的环境。

④With acidic toxic gas conditions (such as hydrogen sulfide, sulfurous acid, nitrous acid, chlorine, bromine, methyl bromide, etc.).

⑤充满氨气等碱性有毒气体的环境

⑤With alkaline toxic gas conditions such as ammonia.

⑥酸性及碱性溶剂的环境

⑥With acidic or alkaline solvent conditions

⑦直射阳光、臭氧、紫外线及放射线照射的环境。

⑦With direct sunlight, ozone, ultraviolet rays, or radiation conditions.

⑧不可保管在使电容器受到振动、冲击的环境下.

⑧Do not store the capacitors in an environment where there is a risk of vibration or mechanical shock.

7、废弃处理

7. Disposal Considerations

废弃电容器时，请交给专业的工业废弃物处理厂进行焚烧或填埋等处理。

When disposing of capacitors, please send them to a professional industrial waste disposal facility for incineration or landfill treatment.

焚烧的时候，请用高温焚烧（800°C以上)。低温焚烧的时候，会产生卤素气体等有害气体。此外，为了防止电容器爆炸，请在电容器上开孔或者充分碾碎之后焚烧。

Please incinerate at a high temperature (800°C or higher). Burning at low temperatures will generate harmful gases such as halogen gases. To prevent capacitors from exploding, incinerate them after punching holes in them or crushing them thoroughly.

8、环境有害物质的对应

8. RoHS & REACH

1) 本公司产品是符合 RoHS 指令等环境有害物质相关法规的产品。

1) Our products comply with the RoHS Directive and other regulations on environmentally hazardous substances.

(个别产品可能含有免除含有的限制物质。)

(Individual products may contain exempted restricted substances.)

关于特殊法规的符合情况，请另行咨询。

Please contact us regarding compliance with specific regulations.

2)本公司产品是符合 REACH 指令等环境有害物质相关法规的产品。

2) Our products comply with the REACH regulation and other regulations on environmentally hazardous substances.

(个别产品可能含有免除含有的限制物质。)

(Individual products may contain exempted restricted substances.)

9、产品目录内容

9. Catalog

产品目录中的内容有可能未经提示而变更，请事先了解。此外，产品目录上的数据只是代表值，不保证性能。

Specifications in the catalog may be subject to change without notice. Please note that the data in the catalog is representative of values only and does not guarantee performance.

液态铝电解电容器使用注意事项
Application Guidelines for Aluminum Electrolytic Capacitors

■ 设计方面的注意事项
Designing Device Circuits

1. 请在确认使用环境及装配环境的基础上，在产品目录及规格说明书中规定的电容器额定性能的范围内使用。

1.Select the capacitors to suit the installation and operating conditions, and use the capacitors to meet the performance limits prescribed in this catalog or the product specifications.

2. 极性

2. Polarity

铝电解电容器具有极性。

Aluminum Electrolytic Capacitors are polarized.

请不要加载反向电压或交流电压。如果安装时极性相反，有可能导致电路在初始状态短路、防爆阀动作等失效。关于极性，请确认产品目录或规格说明书中的尺寸图及产品本体的标示。引线型的橡胶形状（凹凸结构）和极性没有关系。

Apply neither reverse voltage nor AC voltage to polarized capacitors. Using reversed polarity causes a short circuit, or venting. Before use, refer to the catalog, product specifications or capacitor body to identify the polarity marking. (The shape of the rubber seal does not represent the directional rule for polarity.)

当铝电解电容器使用于极性交替的电路中时，请选择双极性电容器。但双极性电容器不可使用于交流电路。

Use a bi-polar type of non-solid aluminum electrolytic capacitor

for a circuit where the polarity is occasionally reversed. However, note that even a bi-polar aluminum electrolytic capacitor must not be used for AC voltage applications.

3.工作电压

3.Operating voltage

请勿施加过高电压(超过额定电压)。

Do not apply a DC voltage that exceeds the rated voltage.

电容器上标注了额定电压。请将和直流电压叠加的纹波电压的峰值控制在额定电压以下。虽然规定了超过额定电压的浪涌电压,但有限制条件,不能保证长时间使用。

The peak voltage of a superimposed AC voltage (ripple voltage) on the DC voltage must not exceed the rated voltage.A surge voltage value, that exceeds the rated voltage, is prescribed in the catalog, but it is a restricted condition, for very short periods of time.

4.纹波电流

4. Ripple current

请不要加载过大电流(超过额定纹波电流)

Do not load with current that exceeds the rated ripple current.

额定纹波电流的频率是有限制条件的,在规定外的频率下使用时,要控制在乘以各系列规定的频率修正系数的值以内。

The rated ripple current has been specified at a certain ripple frequency. The rated ripple current at several frequencies must be calculated by multiplying the rated ripple current at the original frequency using the frequency multipliers for each product series.

5.使用温度

5. Category temperature

请不要在过高温(超过工作上限温度)下使用电容器。否则会大大缩短电容器的使用寿命,并导致防爆阀动作等失效。

Capacitors used outside the category temperature range will considerably shorten the lifespan or cause the capacitor to venting.

铝电解电容器的使用寿命遵循Arrhenius提出的行业公认的“10°C 法则”,环境温度每升高10°C,使用寿命减少一倍。

The relation between the lifetime of aluminum electrolytic capacitors and ambient temperature follows Arrhenius' rule that the lifetime is approximately halved with each 10°C rise in ambient temperature.

6.寿命

6. Life expectancy

设计电路时,要选用与设备寿命符合的电容器。

Select capacitors that meet the device's service life requirements.

7.充放电

7. Charge and discharge

通用电容器请勿使用于急速充放电的电路中。如果使用于电压差大的充放电电路,或短周期且反复急速充放电的电路中,可能导致静电容量减少,内部发热等损坏,这样的电路,必须选择符合充放电周期、充放电次数、放电电阻、使用温度等条件的急速充放电产品。使用于反复急速充放电的电路中的电容器,当电压Vp-p超过70V时,请向我司咨询。

Do not use capacitors in circuits where rapid charge and discharge cycles are frequently repeated. Frequent and sharp heavy discharging cycles will decrease capacitance and damage to the capacitors due to generated heat. Specified capacitors can be designed to endure such a condition. If the variation range of voltage exceeds 70Vp-p, please consult us.

8.电容器的失效模式

8. Failure modes of capacitors

铝电解电容器是有使用寿命的零件,受温度影响,在一般情况下会发生开路型寿终方式。因此,可以通过降低环境温度和/或纹波电流来延长电容器的寿命。产品及使用条件的不同有时会同时引发防爆阀动作等故障。

Non-solid aluminum electrolytic capacitors, in general, have a lifetime that ends in an open circuit, the period is dependent upon temperature. Consequently, the lifetime of capacitors can be extended by reducing the ambient temperature and/or ripple current. Some usage conditions can cause venting.

9.电容器的绝缘

9. Insulation

a)将电容器的以下部分与阴极端子、阳极端子和电路之间进行绝缘。

a)Electrically isolate the following parts of a capacitor from the negative terminal, the positive terminal and the circuit traces.

※铝电解电容器的外壳;

※The outer case of a non-solid aluminum electrolytic capacitor.

※铝电解电容器基板自立型的无连接(强度增强用)端子。

※The dummy terminal of a non-solid aluminum electrolytic snap-in type capacitor, which is designed for mounting stability.

b)铝电解电容器的外包装套管不保证绝缘 (螺丝端子型除外),请勿用于需要绝缘的地方。若有绝缘需求,请咨询定制。

b)The outer sleeve of a capacitor is not assured as an insulator (Except for screw type). For applications that require an insulated outer sleeve, a custom-designed capacitor is recommended.

10.电容器的使用环境

10. Conditions

请勿在以下环境下使用电容器。

Do not use/expose capacitors to the following conditions.

(a)直接溅水,盐水,油或处于结露状态的环境。

(a)Water, salty water, oil or damp condition.

(b)阳光直接照射的环境。

(b)Direct sunlight.

(c)充满有毒气体(硫化氢,亚硫酸,亚硝酸,氯及其化合物,溴及其化合物,氨等)的环境。

(c)Toxic gases such as hydrogen sulfide, sulfurous acid, nitrous acid, chlorine or its compounds, and ammonium.

(d)臭氧,紫外线及放射线照射的环境。

(d)Ozone, ultraviolet rays, or radiation.

(e)振动或冲击条件超过产品目录或规格书规定范围的严酷环境。

(e)Severe vibration or mechanical shock conditions beyond the limits prescribed in the catalog or the product specification.

11.电容器的配置

11. Mounting

(a)铝电解电容器使用了以可燃性有机溶剂为主要溶媒的导电性电解液和可燃性电解纸,当电解液漏出到印刷电路板上时,会腐蚀电路板,导致电路板间短路,甚至冒烟,起火等,因此请确认以下情况后进行设计。

(a)The electrolytic paper and the electrolytic-conductive electrolyte in a non-solid aluminum electrolytic capacitor are flammable. Leaking electrolyte on a printed circuit board can gradually erode it, possibly causing smoke or burning by short-circuit.Verify the following points when designing a PC board.

※电容器的端子间距应与印刷配线板的孔间距一致。

※Provide the appropriate hole spacing on the PC board to match the terminal spacing of the capacitor.

※电容器的防爆阀上方,请留出以下空间。

※Make the following open space over the vent so that the vent can operate correctly.

产品尺寸	空间间隔
Case diameter	Clearance
Ø6.3 ~ Ø16mm	⩾ 2mm
Ø18 ~ Ø35mm	⩾ 3mm
⩾ Ø40mm	⩾ 5mm

※ 不要将配线或电路延伸到电容器的防爆阀上方。

※ Do not place any wires or copper traces over the vent of the capacitor.

※ 如果电容器的防爆阀接触印刷配线板边,请根据防爆阀的位置,在印刷配线板上设置防爆阀的排气孔。

※ Installing a capacitor with the vent facing the PC board needs an appropriate ventilation hole in the PC board.

※ 请不要在电容器的封口部下面进行电路配线,如果电容器附近有配线,请确保线路间隔在1mm或2mm以上。

※ Do not pass any copper traces beneath the seal side of a capacitor. The trace must be kept 1mm or 2mm to the side of the capacitor.

※ 请勿在电容器周边及印刷配线板的背面(电容器下面)放置发热的部件。

※ Avoid placing any heat-generating objects adjacent to a capacitor or even on the reverse side of the PC board.

※ 对于双面印刷配线板,在设计时注意电容器下方位置不可有多余的基板孔或连接用贯通孔。

※ In designing double-sided PC boards, do not set extra holes underneath a capacitor.

※ 在双面印刷配线板上装配电容器时,电容器主体的安装部位不可有配线线路。

※ In designing double-sided PC boards, do not place any copper trace under the mount side of a capacitor.

(b) 对于贴片电容器用的印刷配线板的焊盘图形,请根据产品目录及规格说明书所推荐的尺寸来设计。

(b) For a surface mount capacitor, design the copper pads of the PC board in accordance with the catalog or the product specification.

12.其他

12. Others

(a)随着温度,频率及应用所需寿命的变动,电容器的电气特性会发生变化,请在确认这种变化量后设计电路。

(a)The electrical characteristics of capacitors vary in respect to temperature, frequency and service life. Design the device circuits by taking these changes into account

(b)将两个电容器并联连接时,电路设计请考虑电流的平衡。

(b)Capacitors mounted in parallel need the current to flow equally through the individual capacitors.

(c)将两个电容器串联连接时,要考虑电压的平衡,可插入与电容器并联的分压电阻。

(c)Capacitors mounted in series require resistors in parallel with the individual capacitors to balance the voltage

(d)如果应用在与生命相关的用途 (①航空航天用器械 ②原子能用器械 ③医疗用器械 ④车辆用器械) 以及因产品的缺陷会给社会带来极大影响的用途上,请务必与本公司协商协议之后使用。请注意,仅为特定用途设计的产品不能用于其他用途。

(d)Using capacitors for applications that always consider safety. Consult with our factory before use in applications which can affect human life. (space equipment, aerial equipment, nuclear equipment, medical equipment, vehicle control equipment, etc.) Please note that the product that is designed only for specific usage can not be used for other purposes.

■ 安装方面的注意事项
Installing Capacitors

1.组装时

1.Installing

(a)已经成套组装并通过电的电容器请勿再次使用,除了定期检查电气性能时拆下的电容器以外,其他不能再次使用。

(a)Used capacitors are not reusable, except in the case that the capacitors are detached from a device for periodic inspection to measure their electrical characteristics.

(b)电容器可能产生再生电压,此时,请通过1kΩ左右的电阻放电。

(b)If the capacitors have regenerative voltage, discharge the capacitors through a resistor of approximately 1kΩ before use.

(c)如果将电容器存放在室温超过35°C、湿度超过75%的环境中,漏电流可能会增大,此时可通过1kΩ左右的电阻进行电压处理。

(c)If capacitors are stored at a temperature of more than 35°C and more than 75% RH, the leakage current may increase. In this case, they can be reformed by applying the rated voltage through a resistor of approximately 1kΩ.

(d)安装前请确认电容器的额定容量与额定电压。

(d)Verify the rated capacitance and voltage of the capacitors before installment.

(e)安装前请确认电容器的极性。

(e)Verify the polarity of the capacitors before installment.

(f)请勿使用已跌落的电容器。

(f)Do not use the capacitors if they have been dropped on the floor.

(g)安装时请勿使用已变形的电容器。

(g)Do not deform the cases of capacitors.

(h)请确认电容器的端子间距和印刷电路板孔间距是否匹配后,再进行安装,引线型可采用成型加工品。

(h)Verify that the lead spacing of the capacitor fits the hole spacing in the PC board before installing the capacitors. Some standard preformed leads are available.

(i)在印刷电路板上安装引线型或基板自立型铝电解电容器时,要按压使其与印刷电路板紧贴(不可使其处于浮起状态)。

(i)For radial terminals or snap-in terminals, insert the terminals into PC board and press the capacitor downward until the bottom of the capacitor body reaches the PC board surface.

(j)不可对电容器施加产品目录或规格说明书规定的机械强度以上的力,自动装配机在吸附,装配及位置对准时,或者切割端子时有可能产生冲击力,请注意它的影响。

(j)Do not apply any mechanical force in excess of the limits prescribed in the catalog or the product specifications of the capacitors. Be aware of the effects of the impact force that may be generated by the automatic assembly machine when adsorption, assembly, and position alignment of the capacitors, or when cutting the terminals.

2.焊接耐热

2.Soldering and heat resistance

(a)利用烙铁进行焊接时,请确认以下内容。

(a)When soldering with a soldering iron

※ 焊接条件(温度和时间)应在产品目录或产品说明书规定的范围内。

※Soldering conditions (temperature and time) should be within the limits prescribed in the catalog or the product specifications.

※ 如果电容器的端子间距与 PC 板的端子孔间距不匹配,则应以最小化电容器主体上的机械应力的方式对引线端子进行加工。

※If the terminal spacing of a capacitor does not fit the terminal hole spacing of the PC board, reform the terminals in a manner to minimizes mechanical stress on the capacitor body.

※ 请勿让烙铁的尖端接触电容器主体。

※Do not touch the capacitor body with the hot tip of the soldering iron.

※ 在焊料完全熔化后将电容器从 PC 板上取下,用烙铁重新加工,最大限度地减少对电容器的机械应力。

※Remove the capacitors from the PC board after the solder is completely melted, reworking by using a soldering iron minimizes the mechanical stress on the capacitors.

(b)进行波峰焊时，请确认以下内容。

(b)Wave soldering

※进行焊接时，请勿将铝电解电容器主体浸入到熔融的焊料中，仅浸入端子，焊接仅在放置电容器侧反面的基板表面进行。

※Do not dip the body of a capacitor into the solder bath, only dip the terminals in. The soldering must be done on the reverse side of the PC board.

※焊接条件（预热、焊接温度、浸入时间）不可超出产品目录或规格说明书中规定的范围。

※Soldering conditions (preheat, solder temperature and dipping time) should be within the limits prescribed in the catalog or the product specifications.

※除端子以外，电容器其他部位不可附着有焊料。

※Do not apply flux to any part of capacitors other than their terminals.

※进行焊接时，要注意避免其他部件接触到电容器。

※Make sure the capacitors do not come into contact with any other components while soldering.

(c)进行回流焊时(仅适用于贴片类产品)，请确认以下内容。

(c)Reflow soldering(for SMD type only)

※焊接条件（预热，回流温度，时间）不可超出产品目录或规格说明书中规定的范围。

※Soldering conditions (preheat, reflow temperature and time) should be within the limits prescribed in the catalog or the product specifications.

※使用红外线加热器时，应考虑到红外线吸收会导致材料褪色和外观变化，请注意加热的程度。

※When setting the temperature of infrared heaters, consider that the infrared absorption causes the material to be discolored and change in appearance.

※ 请注意不要进行两次回流焊接，如果需进行两次，请务必先咨询我司。

※Do not solder capacitors more than once using reflow. If needed, be sure to consult us first.

※确保电容器不与电路接触。

※Make sure capacitors do not come into contact with copper traces.

(d)被安装过的贴片型电容器在拆下来之后请勿再次使用。另外，将新的电容器安装于印刷电路板上进行返工时，应清除 PC 板表面的残留助焊剂，然后在规定的条件下使用烙铁。

(d)Do not re-use surface mount capacitors that have already been soldered. In addition, when installing a new capacitor onto the assembly board to rework, remove old residual flux from the surface of the PC board, and then use a soldering iron within the prescribed conditions.

(e)焊接前请确认是否适用回流焊。

(e)Confirm whether reflow soldering is applicable for the capacitors before operation.

3.焊接后的处理

3.Handling after soldering

印刷配线板焊接后的处理注意不可施加以下机械应力。

Do not apply any mechanical stress to the capacitor after soldering onto the PC board.

(b)电容器主体不可倾斜，倒地或扭曲。

(a)Do not lean or twist the body of the capacitor after soldering the capacitors onto the PC board.

(b)不可抓住电容器的主体搬运电路板。

(b)Do not grab the capacitors for lifting or carrying the assembly board.

(c)不可让其他物体碰撞到电容器，此外，当重叠放置印刷电路板时，不可使印刷电路线板或其他零件碰到电容器。

(c)Do not hit or poke the capacitor after soldering to the PC board.When stacking the assembly board, be careful that other components do not touch the aluminum electrolytic capacitors.

(d)安装好电容器的印刷电路板不可掉落。

(d)Do not drop the assembly board with mounted capacitors.

4.基板清洗

4.Cleaning PC board

(a)请勿使用以下清洗剂清洗电容器。

(a)Do not wash capacitors by using the following cleaning agents

※卤素类溶剂，因腐蚀导致电容器失效

※Halogenated solvents: cause capacitors to fail due to corrosion.

※碱性类溶剂，导致铝壳腐蚀（溶解）

※Alkali system solvents: corrode (dissolve) an aluminum case.

※萜烯类，石油类溶剂，导致封口橡胶老化

※Petroleum and terpene system solvents: cause the rubber seal material to deteriorate.

※二甲苯，导致封品橡胶老化

※Xylene: causes the rubber seal material to deteriorate.

※丙酮，导致标示消失

※Acetone: erases the marking.

如果有必要进行清洗，请使用防溶剂电容器，并在产品目录或产品说明书规定的清洗条件下进行清洗，超声波清洗会加速电容器损坏。

Solvent-proof capacitors are only suitable for washing within the cleaning conditions prescribed in the catalog or the product specifications. In particular, ultrasonic cleaning will accelerate damaging capacitors.

(a)如果有必要清洗电容器，请确认以下内容。

(b)Verify the following points when cleaning capacitors.

※请进行清洗剂的污染管理（电导性、pH、比重、含水量等）。

※Monitor conductivity, pH, specific gravity, and the water content of cleaning agents. Contamination adversely affects these characteristics.

※清洗后，请不要将电容器存贮在清洗液或密封的容器中。此外，请用热风（低于工作上限温度）吹十分钟以上进行充分干燥，避免印刷电路板及电解电容器上残留有清洗液。

※Be sure not to keep the capacitors in an atmosphere containing the cleaning agent or in an air tight container. In addition, please dry the solvent sufficiently on the PC board and the capacitor with an air knife (temperature should be less than the maximum rated category temperature of the capacitor) over 10 minutes. Avoid residual cleaning agent on the PCB and capacitors.

5.固定剂、涂层剂

5.Precautions for using adhesive and coating agent

(a)请不要使用含有卤素类溶剂的固定剂和涂层剂。

(a)Do not use any adhesive and coating materials containing halogenated solvent.

(b)铝电解电容器上使用固定剂和涂层剂时，请确认以下内容。

(b)Verify the following before using adhesive and coating material.

※在涂固定剂和涂层剂之前，请先干燥电路板并清除残留的清洁剂。密封处不可全部被涂抹覆盖。

※Dry and remove any residual cleaning agents before applying adhesive and coating materials to the capacitors. Do not cover the whole surface of the rubber seal with the adhesive or coating materials.

※有关固定剂和涂层剂的热硬化条件，请遵守产品目录或规格说明书中的规定。

※For permissible heat conditions for curing adhesives or coating materials, follow the instructions in the catalog or the product specifications of the capacitors.

※铝电解电容器的封口部位完全被树脂堵住时，因电容器内部的压力无法有效释放，将会引发险情，此外，当固定剂和涂层剂中的卤素离子过多时，该成分会通过封口橡胶侵入电容器内部，导致异常发生，有关事项请咨询我司。

※Covering the whole surface of the capacitor rubber seal with resin may result in a hazardous condition because the inside pressure cannot be released completely. Also, a large amount of halogen ions in resins will cause the capacitors to fail because the halogen ions penetrate into the rubber seal and the inside of the capacitor.

※ 固定剂和涂层剂中使用的有些种类的溶剂，会造成套管表面的光泽消退或白化等外观变化现象，请务必注意。

※Some of the coating material cannot be cured over the capacitor. Please note that gloss fading and whitening on the surface of the outer sleeve might be caused by the kind of solvents used for mounting adhesives and coating agents.

6.熏蒸处理

6.Fumigation

在进出口电子设备（如电容器）时，很多情况下都使用木质包装。为防虫，通常需要对货物进行熏蒸。在使用甲基溴等卤化化学品进行“熏蒸”时必须采取预防措施。卤素气体可渗透所用包装材料，如纸板箱和乙烯塑料袋。卤化气体的渗透会导致电解电容器腐蚀。

In many cases when exporting or importing electronic devices, such as capacitors, wooden packaging is used. In order to control insects, most often, it becomes necessary to fumigate the shipments. Precautions during "Fumigation" using halogenated chemicals such as Methyl Bromide must be taken. Halogen gas can penetrate packaging materials used, such as cardboard boxes and vinyl bags. Penetration of the halogenated gas can cause corrosion of electrolytic capacitors.

■ 保养检查注意事项
Maintenance Inspection

(a)请定期检查使用于工业设备上的电容器，对电容器进行保养检查的时候，请先切断设备的电源，放掉电容器内的存储电荷，当用万能表检查时，请先确认万能表的极性后再使用。此时请注意不要让引线端子受到压力的影响。

(a)Make periodic inspections of capacitors that have been used in industrial applications. Before inspection, turn off the power supply and carefully discharge the electricity in the capacitors. Verify the polarity when measuring the capacitors with a volt-ohm meter. Also, do not apply any mechanical stress to the terminals of the capacitors.

(b)请对以下内容进行定期检查。

(b)The following items should be checked during the periodic inspections.

※ 外观（防爆阀动作，漏液等）有无明显异常。

※ Significant damage in appearance: venting and electrolyte leakage.

※ 电气性能（漏电流，静电容量，损失角的正切角及产品目录或交货规格书中规定的项目）。当以上内容有异常时，请确认电容器的规格，并进行相应替换。

※Electrical characteristics: leakage current, capacitance, tanδ, and other characteristics prescribed in the catalog or product specifications. We recommend replacing the capacitors if the parts are out of specification.

■ 紧急情况
Emergency

(a)一定尺寸的电容器为降低异常的压力通常装配有防爆阀。如果发现配套设备中使用的电容器的防爆阀动作过程中有气体溢出，请切断设备的电源或从插座上拔下电源线的插头，否则，电路会因电容器短路而损坏。

(a)Capacitors of certain sizes are normally fitted with a safety valve to reduce abnormal pressure. If you notice gas escaping from the valve on the capacitor used in the equipment during operation, turn off the power to the equipment or unplug the power cord from the wall outlet; otherwise the circuit may be damaged by a short circuit in the capacitor.

(b)当电容器的防爆阀动作时，会喷出超过100°C的高温气体，请不要将脸部靠近。万一喷出的气体不慎进入眼睛，或吸入了这些气体，请马上用水洗眼，漱口。当粘附在皮肤上时，请用肥皂冲洗。

(b)When venting, a non-solid aluminum electrolytic capacitor blows out gas with a temperature of over 100°C. Never expose the face close to a venting capacitor. If your eyes inadvertently become exposed to the spouting gas or you inhale it, immediately flush the open eyes with large amounts of water and gargle with water respectively. If electrolyte is on the skin, wash the electrolyte away from the skin with soap and plenty of water.

■ 储存
Storage

我们建议在以下条件下进行储存。

We recommend the following conditions for storage.

(a)不可将电容器保存在高温高湿的环境，请保管在室温5~35°C，湿度75%以下的环境。

(a)Do not store capacitors at a high temperature or in high humidity. Store the capacitors indoors at a temperature of 5 to 35°C and a relative humidity of 75% or below.

(b)请避免将电容器放置在含水，油，盐水的环境下。

(b)Store the capacitors in places free from water, oil or salt water.

(c)请避免将电容器放置在含有毒气体（硫化氢、亚硫酸、氯、铵等）环境下。

(c)Store the capacitors in places free from toxic gases (hydrogen sulfide, sulfurous acid, chlorine, ammonium, etc.)

(d)请避免将电容器放置在有臭氧，紫外线及放射线照射的环境。

(d)Store the capacitors in places free from ozone, ultraviolet rays or radiation.

(e)请将电容器保存在原包装中。

(e)Keep capacitors in the original package.

■ 废弃处理
Disposal

废弃电容器时，请交给专业的工业废弃物处理厂进行焚烧或填埋等处理。

Please consult with a local industrial waste disposal factory when disposing of aluminum electrolytic capacitors.

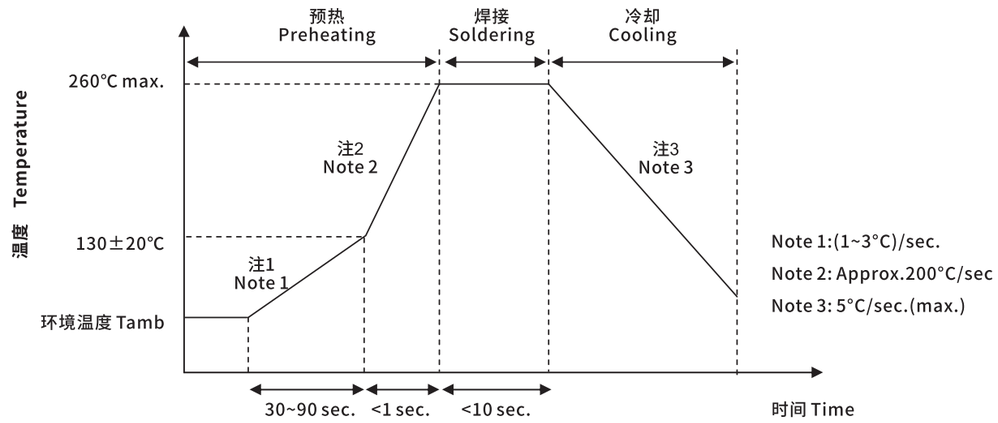
■ 产品目录
Catalog

产品目录中的规格如有变更，恕不另行通知，请事先与我司联系。对于本目录书所规定产品特性参数及其注意事项，最终解释权归我司所有。

Specifications in the catalog may be subject to change without notice. Please consult us. Hunan Aihua Group reserves the right to the final interpretation of all content.

焊接建议 Soldering Recommendation

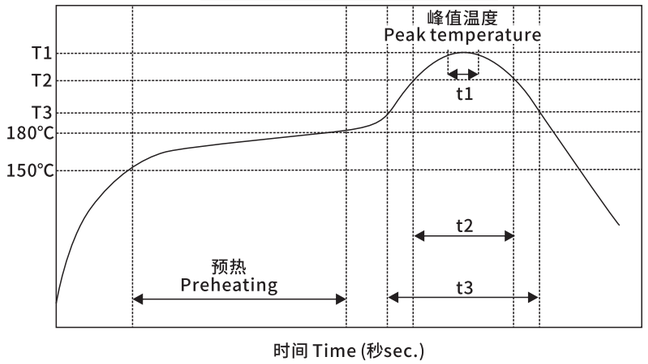
■ 波峰焊(引线产品) Wave Soldering (Radial Lead Type)



■ 回流焊 Reflow Soldering

• (高分子固态贴片产品 For Polymer SMD Type)

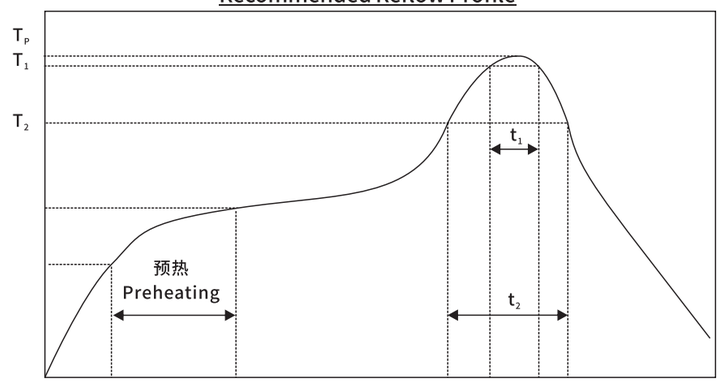
推荐回流曲线
Recommended Reflow Profile



项目 Item	预热 Preheating	T1(°C)	T2(°C)	T3(°C)	t1(sec.)	t2(sec.)	t3(sec.)	循环次数 Reflow cycle
条件1 Condition 1	150°C to 180°C Within 90 sec.	≤260	230	200	≤10	≤40	≤60	1
条件2 Condition 2		≤250	230	200	≤10	≤40	≤60	2

• (高分子固液混合型贴片产品 For Polymer Hybrid SMD Type)

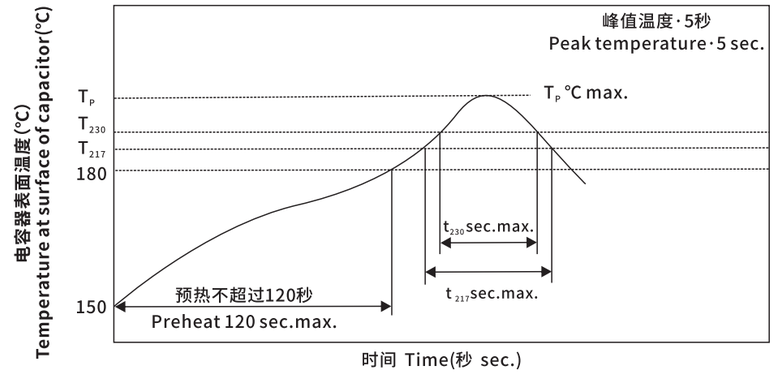
推荐回流曲线
Recommended Reflow Profile



预热 Preheating	T_P	T_1	T_2	t_1	t_2	循环次数 Reflow cycle
150°C～180°C ≤90s	250°C	245°C	217°C	≤30s	≤90s	1
150°C～180°C ≤90s	245°C	240°C	217°C	≤20s	≤70s	2

• (液态贴片产品For Liquid SMD Type)

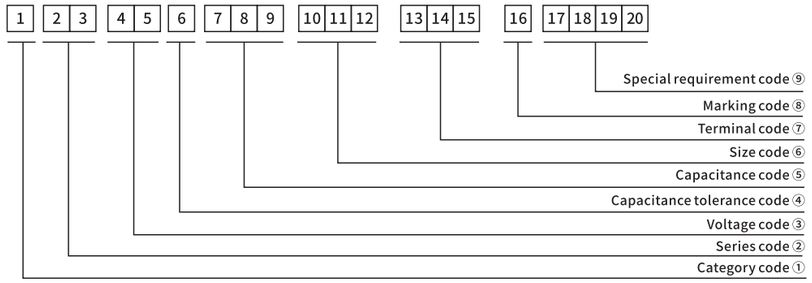
•电容器表面温度应在TP°C(峰值温度)以下。
•Temperature at surface of capacitor shall not exceed TP°C (peak temperature).
•电容器表面温度在T217°C以上的时间不能超过t217秒, T230°C以上的时间不能超过t230秒。
•The duration for over T217°C and T230°C at surface of capacitor shall not exceed t217 and t230 seconds, respectively.
•预热应控制在150°C~180°C, 120秒以内。
•Preheat shall be done at 150°C to 180°C and for maximum 120 seconds.



铝壳尺寸 Case size (mm)	预热 Preheat 温度Temp.(°C)	预热 Preheat 时间Time(sec.) max	T_P°C max.	T_{217}(°C)	T_{230}(°C)	t_{217}(sec.) max.	t_{230}(sec.) max.	循环次数 Reflow cycle
φ6.3	150-180	120	250	217	230	60	40	2次及以下 2 times or less
φ8-φ10			245	217	230	60	30	2次及以下 2 times or less
φ12.5-φ18			240	217	230	30	20	2次及以下 2 times or less

■若出现超过允许条件的情况请联系我们
■Please contact us if capacitors are subject to the conditions other than the allowable range of reflow.

•产品料号体系(导电高分子固态产品)
•Part Numbering System (Conductive polymer solid capacitors)



② 产品分类 Category code

类型 Type	代码 Code
	1
导电高分子固态产品 Conductive polymer aluminum solid capacitor	S

② 系列代码 Series code

系列名称 Series name		代码 Code	
		2	3
引线产品 Radial Type	PD	P	D
	PS	P	S
	PV	P	V
	PL	P	L
贴片产品 SMD type	VS	V	S
	VT	V	T
	VD	V	D
	VL	V	L

① 电压代码 Voltage code

WV (V)	代码 Code	
	4	5
2	0	B
2.5	0	E
3	0	D
4	0	G
6.3	0	J
6.5	0	F
6.8	0	C
7	0	Q
7.5	0	A
10	1	A
12	1	T
14	1	L
16	1	C
18	1	Q
20	1	D
22	1	I
25	1	E
30	1	S
32	1	F
35	1	V
38	1	N
40	1	G
50	1	H
63	1	J
80	1	B
100	1	K

④ 静电容量允许偏差代码 Capacitance tolerance code

Tol. (%)	代码 Code
	6
-10～+10	K
-20～+20	M
-10～+30	Q
-10～+50	T
-10～+20	V
-8～+20	H
0～+20	A
0～+30	
-5～+20	C
+6～+20	J
+6～+30	O
-10～-20	B
-5～+5	D
0～+10	E
-5～-20	F
-15～+5	N
-15～+15	W
-15~+20	G
-35~+10	L
+4~+30	I

⑤ 容量代码 Capacitance code

Cap (uF)	代码 Code		
	7	8	9
0.1	R	1	0
0.22	R	2	2
1	0	1	0
2.2	2	R	2
9.8	9	R	8
10	1	0	0
22	2	2	0
33	3	3	0
47	4	7	0
56	5	6	0
68	6	8	0
100	1	0	1
150	1	5	1
180	1	8	1
220	2	2	1
270	2	7	1
470	4	7	1
560	5	6	1
680	6	8	1
820	8	2	1
1000	1	0	2
1200	1	2	2
2200	2	2	2
3300	3	3	2

⑥ 尺寸代码 Size code

φD (mm)	代码 Code
	10
4	C
4.5	A
5	D
5.5	B
6.3	E
6.8	Q
7	R
8	F
10	G
11	H
12	J
12.5	W
13	K
14	X
16	L
18	M
19	Z
20	N

L (mm)	代码 Code	
	11	12
5	0	5
7	0	7
7.5	7	R
8	0	8
9	0	9
10	1	0
11	1	1
12	1	2
16	1	6
20	2	0
25	2	5
10.5	A	R
11.5	B	R
12.5	C	R

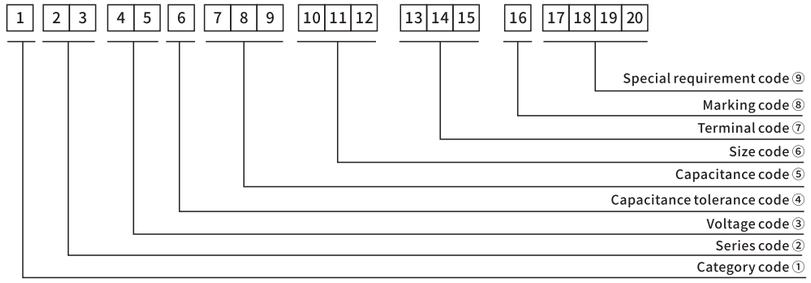
⑦ 端子代码 Terminal code

规格 Specification	代码 Code		
	13	14	15
散装 (标准脚距) Bulk packing (standard lead pitch)	O	0	0
散装 (特殊脚距) Bulk packing (special lead pitch)	O	-	-
散装 (贴片产品) Bulk packing (SMD type)	D	0	0
编带 (贴片产品) Taping (SMD type)	E	0	0

⑧ 奈印/套管颜色代码 Marking/Sleeve code

奈印/套管颜色 Marking/Sleeve colour	代码 Code
	16
深蓝色 Dark blue	B
浅蓝色 Baby blue	L
亮红色 Bright red	R
天蓝色 Sky-blue	S
黑色 Black	H
紫蓝色套管 Purple-blue sleeve	V
红色套管 Red sleeve	O
黑色套管 Black sleeve	A

•产品料号体系（导电高分子固液混合产品）
•Part Numbering System (Conductive polymer hybrid capacitors)



① 产品分类 Category code

类型 Type	代码 Code
	1
导电高分子固液混合产品 Conductive polymer hybrid aluminum electrolytic capacitor	H

② 系列代码 Series code

系列名称 Series name		代码 Code	
		2	3
引线产品 Radial type	DC	D	C
	DA	D	A
贴片产品 SMD type	SC	S	C
	SA	S	A

③ 电压代码 Voltage code

WV (V)	代码 Code	
	4	5
16	1	C
25	1	E
35	1	V
50	1	H
63	1	J

④ 静电容量允许偏差代码 Capacitance tolerance code

Tol. (%)	代码 Code
	6
-20~+20	M

⑤ 容量代码 Capacitance code

Cap (uF)	代码 Code		
	7	8	9
22	2	2	0
33	3	3	0
47	4	7	0
56	5	6	0
68	6	8	0
100	1	0	1
150	1	5	1
180	1	8	1
220	2	2	1
270	2	7	1
330	3	3	1
470	4	7	1
560	5	6	1
680	6	8	1
820	8	2	1
1000	1	0	2

⑥ 尺寸代码 Size code

φD (mm)	代码 Code
	10
6.3	E
8	F
10	G

L (mm)	代码 Code	
	11	12
6	0	6
7.7	7	C
8	0	8
9.5	9	R
10.5	A	R
11	1	1
12	1	2
12.5	C	R
16.5	G	R
16	1	6

⑦ 端子代码 Terminal code

规格 Specification	代码 Code		
	13	14	15
引线式散装 Bulk packing (Radial type)	O	0	0
引线式切脚 Lead Cut 3.5±0.5mm (Radial type)	C	3	5
引线式编带 Taping(Radial type)	P	5	0
贴片式盘装 Tape&Reel(SMD Type)	E	0	0

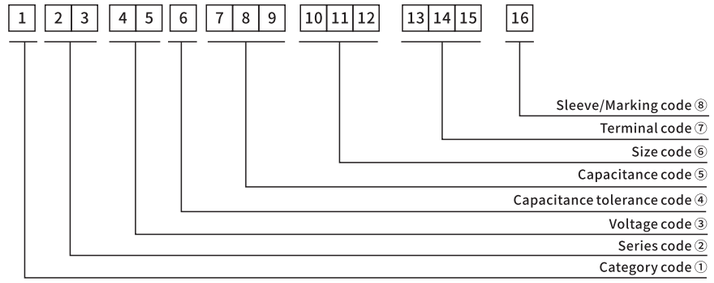
⑧ 奈印颜色代码 Marking code

奈印颜色 Marking	代码 Code
	16
红色 Red	R
天蓝色 Sky-blue	S

⑨ 特殊代码 Special Code

特殊 Special	代码 Code			
	17	18	19	20
常规工业类用电子 Standard industrial products	A	X	X	X

•产品料号体系（铝电解液态产品）
•Part Numbering System (Aluminum electrolytic capacitors)
•引线&贴片产品
•(For Radial & SMD Type)



① 产品分类 Category code

类型 Type	代码 Code
	1
铝电解液态产品 Aluminum electrolytic capacitor	E

② 系列代码 Series code

系列名称 Series name	代码 Code	
	2	3
MF	M	F
MH	M	H
ME	M	E
WH	W	H
RS	R	S
RJ	R	J
WA	W	A
RH	R	H
HS	H	S
HF	H	F
NB	N	B
GH	G	H

③ 电压代码 Voltage code

WV (V)	代码 Code	
	4	5
2.5	0	E
3	0	D
4	0	G
6.3	0	J
6.8	0	C
7	0	Q
7.5	0	A
10	1	A
12	1	T
16	1	C
25	1	E
35	1	V
40	1	G
50	1	H
63	1	J
80	1	B
100	1	K
160	2	C
180	2	L
200	2	D
220	2	N
250	2	E
315	2	F
350	2	V
380	2	P
400	2	G
420	2	T
450	2	W
500	2	H
550	2	J
600	2	K

④ 静电容量允许偏差代码 Capacitance tolerance code

Tol. (%)	代码 Code
	6
-10～+10	K
-20～+20	M
-10～+30	Q
-10～+20	V
0～+20	A
-5～+20	C
-10～-20	B
-5～+5	D
0～+10	E
-5～-20	F
-15～+5	N
0～+30	3

⑤ 容量代码 Capacitance code

Cap (uF)	代码 Code		
	7	8	9
0.1	R	1	0
0.22	R	2	2
0.33	R	3	3
0.47	R	4	7
0.68	R	6	8
1	0	1	0
2.2	2	R	2
3.3	3	R	3
4.7	4	R	7
6.8	6	R	8
10	1	0	0
22	2	2	0
33	3	3	0
47	4	7	0
68	6	8	0
100	1	0	1
220	2	2	1
330	3	3	1
470	4	7	1
680	6	8	1
1000	1	0	2
2200	2	2	2
3300	3	3	2
4700	4	7	2
6800	6	8	2
10000	1	0	3
22000	2	2	3
33000	3	3	3
68000	6	8	3

⑥ 尺寸代码
Size code

φD (mm)	代码 Code
	10
4	C
5	D
6.3	E
8	F
10	G
11	H
12	J
12.5	W
13	K
14.5	X
16	L
18	M
19	Z
20	N
22	O
25	P
30	Q
35	R
40	Y
51.6	S
64.3	T
76.9	U
91	V
100	A

贴片产品 L (SMD) (mm)	代码 Code	
	11	12
5.2	5	5
5.7	6	0
6.3	6	6
7.0	7	3
7.7	8	0
8.0	8	3
8.7	9	0
9.5	9	5
10	A	0
10.5	B	0
11	B	5
11.5	C	0
12	C	5
12.5	D	0
13	D	5
13.5	E	0
16	G	5
16.5	H	0
18	J	5
18.5	K	0
19	K	5
19.5	L	0
20	L	5
20.5	M	0
21	M	5
21.5	N	0

引线产品 L (Radial) (mm)	代码 Code	
	11	12
5	0	5
7	0	7
11	1	1
12	1	2
12.5	1	B
13	1	3
16	1	6
20	2	0
25	2	5
30	3	0
35	3	5
40	4	0
46	4	6
50	5	0
60	6	0
80	8	0
100	A	0
115	B	5
120	C	0
130	D	0
140	E	0
160	G	0
200	K	0
220	M	0
236	N	6
250	P	0

⑦ 端子代码
Terminal code

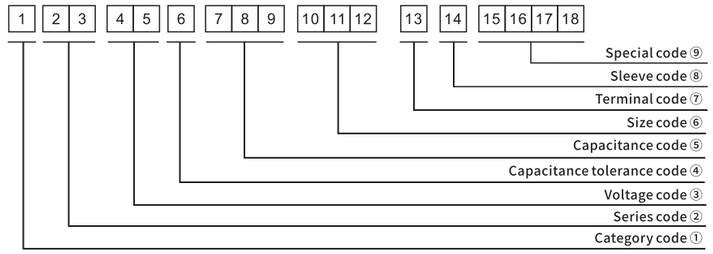
规格 Specification	代码 Code		
	13	14	15
散装 Bulk packing	O	-	-
编带 (贴片产品) Platform rubber& Straight Taping	D	0	0
φ4~8 编带 F=5.0mm φ4~8 Taping F=5.0mm	P	5	0
φ10~12.5 编带 F=5.0mm φ10~12.5 Taping F=5.0mm	B	5	0
切脚 L=3.5mm Lead Cut L=3.5mm	C	3	5
切脚 L=11.0mm Lead Cut L=11.0mm	C	B	O
引脚成型&切脚 L=4.5mm Lead Forming&Cut L=4.5mm	F	-	-
扭脚&切脚 L=4.5mm Kink&Cut L=4.5mm	J	-	-

⑧ 套管材质/奈印颜色代码
Sleeve/Marking code

套管 Sleeve	代码 Code
	16
PVC	C
PET	T

奈印颜色 Marking	代码 Code
	16
深蓝色 Dark blue	B
亮红色 Bright red	R
天蓝色 Sky-blue	S
浅蓝色 Baby blue	T
粉色 Pink	Z
黑色 Black	H
紫蓝色 Purple-blue	V
红色 Red	O

- 产品料号体系 (铝电解液态产品)
- Part Numbering System (Aluminum electrolytic capacitors)
- 基板自立型产品
- (For SNAP-IN Terminal Type)



① 产品分类
Category code

类型 Type	代码 Code
	1
铝电解液态产品 Aluminum electrolytic capacitor	E

② 系列代码
Series code

系列名称 Series name	代码 Code	
	2	3
LK	L	K
LH	L	H
LC	L	C
LZ	L	Z
LS	L	S
LM	L	M
LD	L	D
LP	L	P
LO	L	O
LQ	L	Q
LG	L	G
LT	L	T
LX	L	X
LB	L	B
LE	L	E

③ 电压代码
Voltage code

WV (Vdc)	代码 Code	
	4	5
10	1	A
16	1	C
25	1	E
35	1	V
50	1	H
63	1	J
80	1	B
100	1	K
160	2	C
180	2	L
200	2	D
220	2	N
250	2	E
315	2	F
350	2	V
360	2	R
380	2	P
400	2	G
420	2	T
450	2	W
500	2	H
550	2	J
600	2	K

④ 静电容量允许偏差代码
Capacitance tolerance code

Tol. (%)	代码 Code
	6
-10～+10	K
-20～+20	M
-10～+30	Q
-5～+15	T
-10～+20	V
0～+20	A
-5～+20	C
-10～-20	B
-5～+5	D
0～+10	E
-5～-20	F
-15～+5	N

⑤ 容量代码
Capacitance code

Cap (uF)	代码 Code		
	7	8	9
22	2	2	0
33	3	3	0
47	4	7	0
68	6	8	0
100	1	0	1
180	1	8	1
220	2	2	1
270	2	7	1
330	3	3	1
470	4	7	1
560	5	6	1
820	8	2	1
1000	1	0	2
1200	1	2	2
1500	1	5	2
1800	1	8	2
2200	2	2	2
2700	2	7	2
3300	3	3	2
3900	3	9	2
4700	4	7	2
5600	5	6	2
8200	8	2	2
10000	1	0	3
12000	1	2	3
15000	1	5	3
18000	1	8	3
22000	2	2	3
27000	2	7	3
33000	3	3	3
39000	3	9	3
47000	4	7	3
56000	5	6	3
68000	6	8	3

⑥ 尺寸代码
Size code

φD (mm)	代码 Code
	10
22	O
25	P
30	Q
35	R
40	Y
45	I

L (mm)	代码 Code	
	11	12
20	2	0
25	2	5
30	3	0
35	3	5
40	4	0
45	4	5
50	5	0
60	6	0
80	8	0
100	A	0

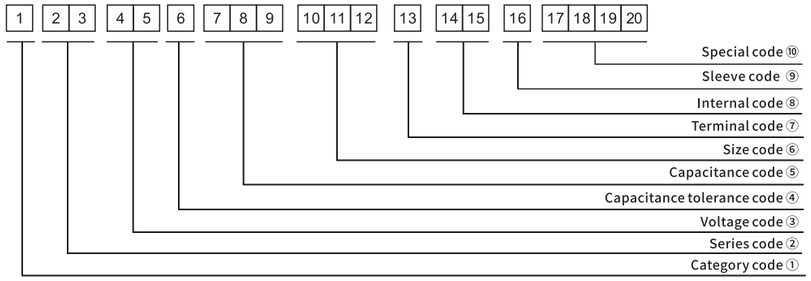
⑦ 端子代码
Terminal code

规格 Specification	代码 Code
	13
两脚 (6.0mm长) 2-pin snap-in terminals (6.0 mm length)	B (自锁) (lock)
	J (非自锁) (unlock)
两脚 (4.0mm长) 2-pin snap-in terminals (4.0 mm length)	K (自锁) (lock)
	A (非自锁) (unlock)
左弯 Horizontal mounting terminal left	M
右弯 Horizontal mounting terminal right	R
U型脚 U type terminal	U
L型脚 Lug Terminal	L
三脚 (4.0mm长) 3-pin terminals (4.0 mm length)	T (自锁) (lock)
	C (非自锁) (unlock)
四脚 (6.3mm长) 4-pin snap-in terminals (6.3 mm length)	E (自锁) (lock)
	Q (非自锁) (unlock)
四脚 (4.5mm长) 4-pin snap-in terminals (4.5 mm length)	D (自锁) (lock)
	P (非自锁) (unlock)
五脚 Five pin terminals	Y
闪光灯焊片 Lug Terminal for photo flash	F

⑧ 套管材质代码
Sleeve code

套管 Sleeve	代码 Code
	14
PVC	C
PET	T

- 产品料号体系 (铝电解液态产品)
- Part Numbering System (Aluminum electrolytic capacitors)
- 螺丝端子型产品
- (For SCREW Terminal Type)



① 产品分类
Category code

类型 Type	代码 Code
	1
铝电解液态产品 Aluminum electrolytic capacitor	E

② 系列代码
Series code

系列名称 Series name	代码 Code	
	2	3
NR	N	R
NS	N	S
NA	N	A
NX	N	X
NL	N	L
NE	N	E
NT	N	T
NF	N	F
NK	N	K

③ 电压代码
Voltage code

WV (Vdc)	代码 Code	
	4	5
10	1	A
16	1	C
25	1	E
35	1	V
50	1	H
63	1	J
80	1	B
100	1	K
160	2	C
200	2	D
250	2	E
315	2	F
350	2	V
400	2	G
420	2	T
450	2	W
500	2	H
550	2	J
600	2	K

④ 静电容量允许偏差代码
Capacitance tolerance code

Tol. (%)	代码 Code
	6
-10～+10	K
-20～+20	M
-10～+30	Q
-5～+15	T
-10～+20	V
0～+20	A
-5～+20	C
-10～-20	B
-5～+5	D
0～+10	E
-5～-20	F
-15～+5	N

⑤ 容量代码
Capacitance code

Cap (uF)	代码 Code		
	7	8	9
1000	1	0	2
2200	2	2	2
2700	2	7	2
3300	3	3	2
3900	3	9	2
4700	4	7	2
5600	5	6	2
6800	6	8	2
8200	8	2	2
10000	1	0	3
12000	1	2	3
15000	1	5	3
18000	1	8	3

⑥ 尺寸代码
Size code

φD (mm)	代码 Code
	10
35	R
51.6	S
64.3	T
76.9	U
91	V
100	A

L (mm)	代码 Code	
	11	12
80	9	0
96	9	6
100	A	0
115	B	5
120	C	0
130	D	0
143	E	3
155	F	5
168	G	8
170	H	0
196	J	6
200	K	0
220	M	0
236	N	6
250	P	0

⑦ 端子代码
Terminal code

代码 Code	规格 Specification	φ51.6	φ64.3	φ76.9	φ91
13					
A	环夹安装 For ring clip mounting	M5	M5	M6	M6
S		M5	M5	M5	M5
B	螺柱安装 For threaded stud mounting	M5	M5	M6	M6
T		M5	M5	M5	M5
M5/M6为端子螺丝规格 M5/M6:screw specifications					

⑧ 内部代码
Internal code

内部 Internal	代码 Code	
	14	15
标准设计 Standard design	0	0

⑨ 套管材质代码
Sleeve code

套管 Sleeve	代码 Code
	16
PVC	C
PED	T

引线加工(导电高分子固态产品)
Lead Forming (Conductive polymer aluminum solid capacitors)
编带尺寸图
Taping Specifications

图1代码：P
Fig.1 code: P

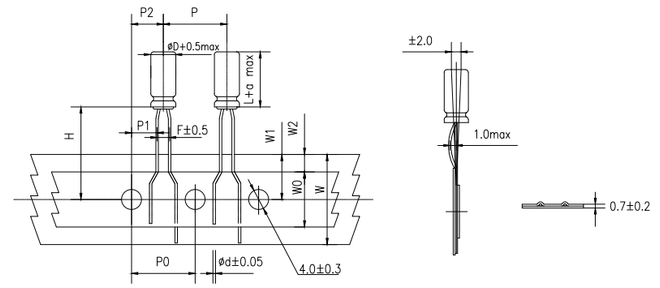


图2代码：P
Fig.2 code: P

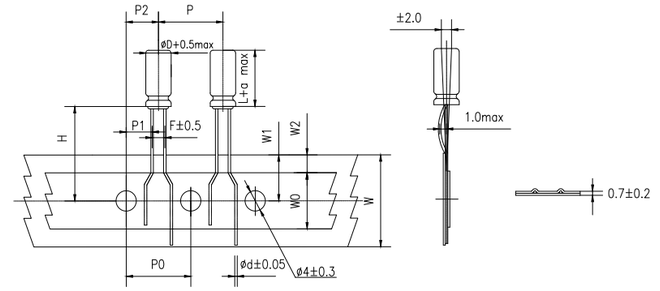


图3代码：P
Fig.3 code: P

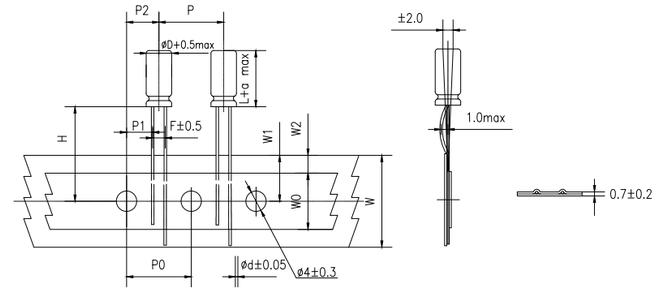
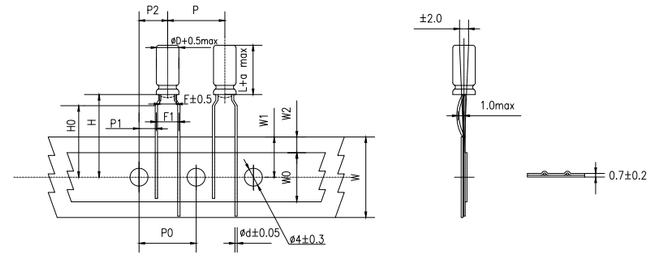


图4代码：K
Fig.4 code: K



引线加工(导电高分子固态产品)
Lead Forming (Conductive polymer aluminum solid capacitors)
规格图1&图2&图3
Specification Fig.1 & Fig.2 & Fig.3

(mm)

项目 Items	符号 Symbol	产品尺寸 Case size						偏差 Tolerance
		Φ4.5/Φ5	Φ5.5	Φ6.3	Φ8	Φ8	Φ10	
引线形状代码 Pin code		P	P	P	P	P	P	
导针直径 Lead wire diameter	φd	0.5	0.5	0.5	0.6	0.6	0.6	±0.05
相邻主体距离 Pitch of capacitor bodies	P	12.7	12.7	12.7	12.7	12.7	12.7	±1.0
穿孔间距 Pitch of hole centers	P0	12.7	12.7	12.7	12.7	12.7	12.7	±0.2
穿孔到引线的距离 Distance from hole center to lead	P1	5.35	5.1	5.1	5.1	4.6	3.85	±0.7
穿孔到主体的距离 Distance from hole center to body center	P2	6.35	6.35	6.35	6.35	6.35	6.35	±1.0
引线间距 Lead spacing	F	2.0	2.5	2.5	2.5	3.5	5.0	±0.5
编带中心至电容主体高度 Height of body from tape center	H	18.5	18.5	18.5	18.5	18.5	18.5	±0.75
衬纸宽度 Base tape width	W	18.0	18.0	18.0	18.0	18.0	18.0	±0.5
胶带宽度 Adhesive tape width	W0	11.0	11.0	11.0	11.0	11.0	11.0	min
穿孔位置 Distance between hole center and base tape	W1	9.0	9.0	9.0	9.0	9.0	9.0	+0.75 -0.25
衬纸与胶带间距 Distance between base tape and adhesive tape	W2	3.0	3.0	3.0	3.0	3.0	3.0	max

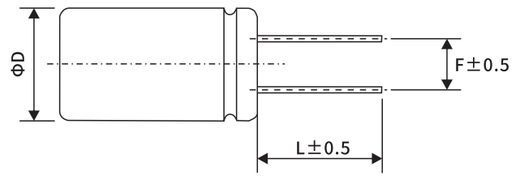
规格图4
Specification Fig.4

(mm)

项目 Items	符号 Symbol	产品尺寸 Case size					偏差 Tolerance
		Φ4.5/Φ5	Φ5.5	Φ6.3	Φ8	Φ8	
引线形状代码 Pin code		K	K	K	K	K	
导针直径 Lead wire diameter	φd	0.5	0.5	0.5	0.6	0.6	+0.05
相邻主体距离 Pitch of capacitor bodies	P	12.7	12.7	12.7	12.7	12.7	+1.0
穿孔直径 Pitch of hole centers	P0	12.7	12.7	12.7	12.7	12.7	+0.2
穿孔到引线的距离 Distance from hole center to lead	P1	3.85	3.85	3.85	3.85	3.85	+0.7
穿孔到主体的距离 Distance from hole center to body center	P2	6.35	6.35	6.35	6 35	6.35	+1.0
脚距 Lead-to-lead distance	F	2.0	2.5	2.5	2.5	3.5	+0.5
引线间距 Lead spacing	F1	5.0	5.0	5.0	5.0	5.0	+0.5
编带中心至电容主体高度 Height of body from tape center	H	18.5	18.5	18.5	18.5	18.5	+0.75
阔脚高度 Height of formed lead from tape	H0	16.0	16.0	16.0	16.0	16.0	+0.5
衬纸宽度 Base tape width	W	18.0	18.0	18.0	18.0	18.0	+0.5
胶带宽度 Adhesive tape width	W0	11.0	11.0	11.0	11.0	11.0	min
穿孔位置 Distance between hole center and base tape	W1	9.0	9.0	9.0	9.0	9.0	+0.75 -0.25
衬纸与胶带间距 Distance between base tape and adhesive tape	W2	3.0	3.0	3.0	3.0	3.0	maX

引线加工(导电高分子固态产品)
Lead Forming (Conductive polymer aluminum solid capacitors)
成型&剪脚尺寸图
Lead Forming & Cut

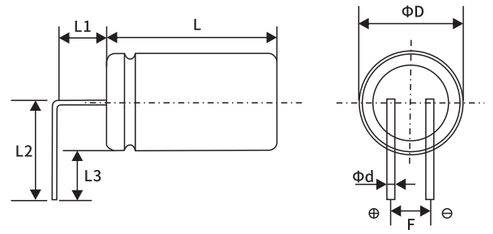
代码 Code:C
适用范围 RANGE:φ4-φ10



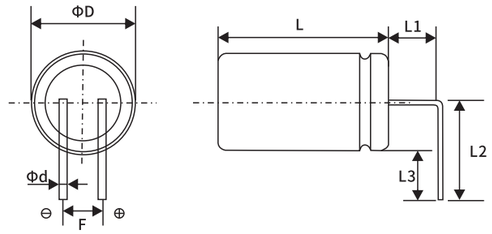
ΦD (mm)	F (mm)	L (mm)
4.5	2.0	2.0~12.0
5.0	2.0	2.0~12.0
6.3	2.5	2.0~12.0
8.0	3.5	2.0~12.0
10.0	5.0	2.0~12.0

代码 Code:R/L
适用范围 RANGE: φ4 -φ10

左卧成型
Left horizontal forming



右卧成型
Right horizontal forming



L1 (mm) 含导针 Pin included	L2 (mm) 含导针 Pin included	L3 (mm)
2.0 (最小值Min.)	自定义 Customization	自定义 Customization

引线加工(导电高分子固液混合产品)
Lead Forming (Conductive polymer hybrid capacitors)
编带尺寸图
Taping Specifications

图1代码：P
Fig.1 code: P

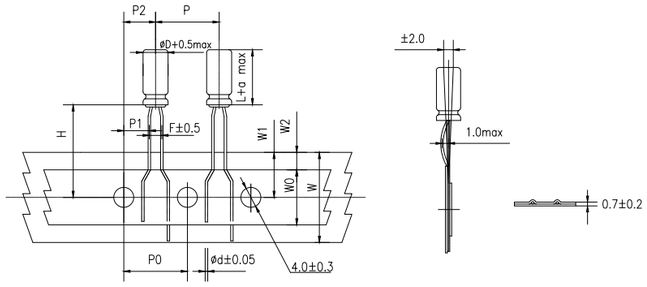
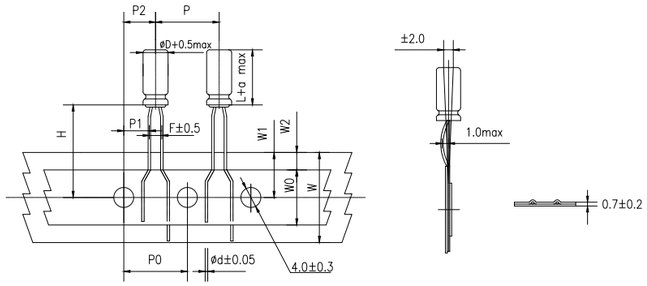


图2代码：P
Fig.2 code: P

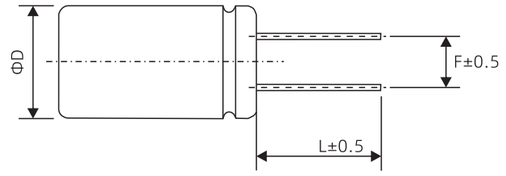


规格图1&图2
Specification Fig.1 & Fig.2

(mm)

项目 Items	符号 Symbol	产品尺寸 Case size			偏差 Tolerance
		Φ6.3	Φ8	Φ10	
引线形状代码 Pin code		P	P	P	
导针直径 Lead wire diameter	φd	0.5	0.6	0.6	±0.05
相邻主体距离 Pitch of capacitor bodies	P	12.7	12.7	12.7	±1.0
穿孔间距 Pitch of hole centers	P0	12.7	12.7	12.7	±0.2
穿孔到引线的距离 Distance from hole center to lead	P1	5.1	4.6	3.85	±0.7
穿孔到主体的距离 Distance from hole center to body center	P2	6.35	6.35	6.35	±1.0
引线间距 Lead spacing	F	2.5	3.5	5.0	±0.5
编带中心至电容主体高度 Height of body from tape center	H	18.5	18.5	18.5	±0.75
衬纸宽度 Base tape width	W	18.0	18.0	18.0	±0.5
胶带宽度 Adhesive tape width	W0	11.0	11.0	11.0	min
穿孔位置 Distance between hole center and base tape	W1	9.0	9.0	9.0	+0.75 -0.5
衬纸与胶带间距 Distance between base tape and adhesive tape	W2	3.0	3.0	3.0	max

引线加工(导电高分子固液混合产品)
Lead Forming (Conductive polymer hybrid capacitors)
成型&剪脚尺寸图
Lead Forming & Cut



φD(mm)	F(mm)	企标L(mm) Standard L(mm)	可承诺L(mm) Allowable L(mm)
6.3	2.5	3.5	2.0~12.0
8.0	3.5		
10.0	5.0		

引线加工(铝电解液态产品)
Lead Forming (Aluminum electrolytic capacitors)
编带尺寸图
Taping Specifications

图1代码：X
Fig.1 code: X

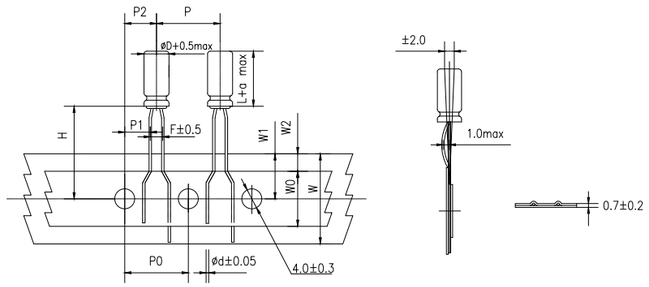


图2代码：B
Fig.2 code: B

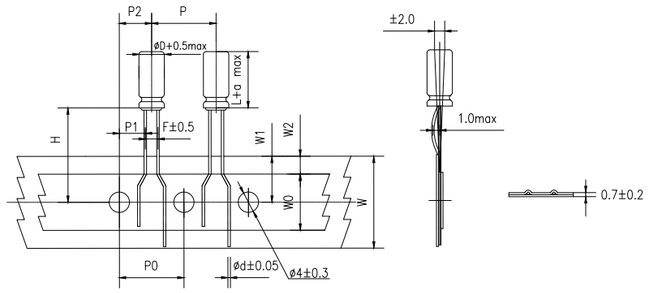


图3代码：B
Fig.3 code: B

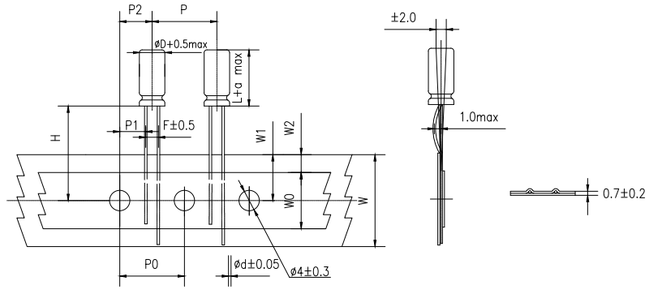
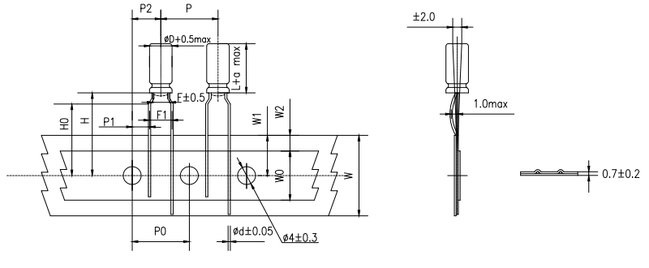


图4代码：P
Fig.4 code: P



引线加工(铝电解液态产品)
Lead Forming (Aluminum electrolytic capacitors)
规格图1&图2&图3
Specification Fig.1 & Fig.2 & Fig.3

(mm)

项目 Items	符号 Symbol	产品尺寸 Case size												偏差 Tolerance
		4x5 4x7		5x5 5x7		5x11		6.3x5	6.3x7 6.3x9 6.3x11 6.3x12	8x5/7 8x9/11 8x11.5 8x12	8x16 8x20	10x9 10x12 10x13/16 10x20/25	12.5x16 12.5x20 13x20	
引线形状代码 Pin code		X	B	X	B	X	B	B	B	B	B	B	B	
导针直径 Lead wire diameter	φd	0.45		0.45		0.50		0.45	0.5	0.5	0.5/0.6	0.6	0.6	±0.05
相邻主体距离 Pitch of capacitor bodies	P	12.7		12.7		12.7		12.7	12.7	12.7	12.7	12.7	15	±1.0
穿孔间距 Pitch of hole centers	P0	12.7		12.7		12.7		12.7	12.7	12.7	12.7	12.7	15	±0.2
穿孔到引线的距离 Distance from hole center to lead	P1	5.1	5.6	5.1	5.35	5.1	5.35	5.1	5.1	4.6	4.6	3.85	5.0	±0.7
穿孔到主体的距离 Distance from hole center to body center	P2	6.35		6.35		6.35		6.35	6.35	6.35	6.35	6.35	7.5	±1.0
引线间距 Lead spacing	F	2.5	1.5	2.5	2.0	2.5	2.0	2.5	2.5	3.5	3.5	5.0	5.0	±0.5
编带中心至电容主体高度 Height of body from tape center	H	18.5		18.5		18.5		18.5	18.5	18.5	18.5	18.5	18.5	±0.75
衬纸宽度 Base tape width	W	18.0		18.0		18.0		18.0	18.0	18.0	18.0	18.0	18.0	±0.5
胶带宽度 Adhesive tape width	W0	6.0		6.0		6.0		6.0	8.0	8.0	8.0	11.0	11.0	min
穿孔位置 Distance between hole center and base tape	W1	9.0		9.0		9.0		9.0	9.0	9.0	9.0	9.0	9.0	+0.75 -0.25
衬纸与胶带间距 Distance between base tape and adhesive tape	W2	1.5		1.5		1.5		1.5	1.5	1.5	1.5	1.5	1.5	max

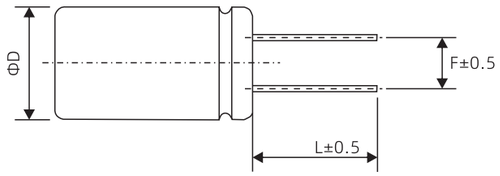
规格图4
Specification Fig.4

(mm)

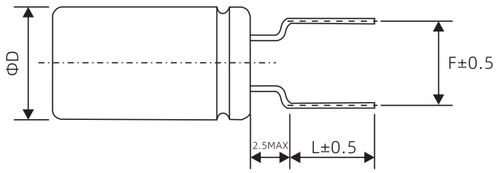
项目 Items	符号 Symbol	产品尺寸 Case size									偏差 Tolerance
		4x5 4x7	5x5	5x7	5x11	6.3x5	6.3x7 6.3x9	6.3x11 6.3x12	8x5/7 8x9/11 8x11.5/12	8x16 8x20	
引线形状代码 Pin code		P	P	P	P	P	P	P	P	P	
导针直径 Lead wire diameter	φd	0.45	0.45	0.45	0.5	0.45	0.5	0.5	0.45/0.5	0.5/0.6	±0.05
相邻主体距离 Pitch of capacitor bodies	P	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	±1.0
穿孔间距 Pitch of hole centers	P0	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	±0.2
穿孔到引线的距离 Distance from hole center to lead	P1	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85	±0.7
穿孔到主体的距离 Distance from hole center to body center	P2	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	±1.0
脚距 Lead-to-lead distance	F	1.5	2.0	2.0	2.0	2.5	2.5	2.5	3.5	3.5	±0.5
引线间距 Lead spacing	F1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	±0.5
编带中心至电容主体高度 Height of body from tape center	H	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	±0.75
阔脚高度 Height of formed lead from tape	H0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	±0.5
衬纸宽度 Base tape width	W	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	±0.5
胶带宽度 Adhesive tape width	W0	6.0	6.0	6.0	6.0	6.0	6.0	8.0	8.0	8.0	min
穿孔位置 Distance between hole center and base tape	W1	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	+0.75 -0.25
衬纸与胶带间距 Distance between base tape and adhesive tape	W2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	max

引线加工(铝电解液态产品)
Lead Forming (Aluminum electrolytic capacitors)
成型&剪脚尺寸图
Lead Forming & Cut

代码Code:C
适用范围RANGE:φ4-φ18



代码Code:F
适用范围RANGE:φ4-φ8

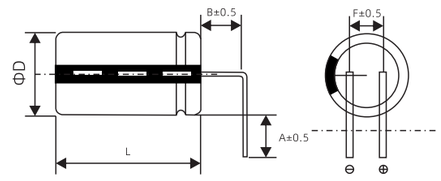


(mm)

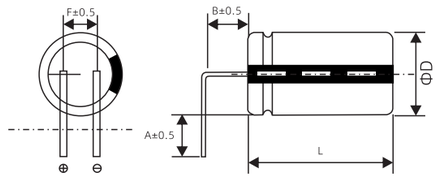
ΦD	F	L	ΦD	F	L
4.0	1.5	3.0-12.0	4.0	5.0	3.5,4.5, 5.0, 7.0
5.0	2.0	3.0-12.0	5.0	5.0	3.5,4.5, 5.0, 7.0
6.3	2.5	3.0-12.0	6.3	5.3	3.5,4.5, 5.0, 7.0
8.0	3.5	3.0-12.0	8.0	5.0	3.5,4.5, 5.0, 7.0
10.0	5.0	3.0-12.0	-	-	,
12.5	5.0	3.0-12.0	-	-	,
16.0	7.5	3.0-12.0	-	-	,
18.0	7.5	3.0-12.0	-	-	,

代码Code:R/L
适用范围RANGE: φ10 -φ18

右卧成型
Right horizontal forming



左卧成型
Left horizontal forming



(mm)

ΦD	F	A	B
10-12.5	5.0	2.5, 3.0, 3.5, 4.0, 4.5, 5.0	1.5, 2.5
16-18	7.5	2.5, 3.0. 3.5, 4.0, 4.5, 5.0	1.5, 2.5

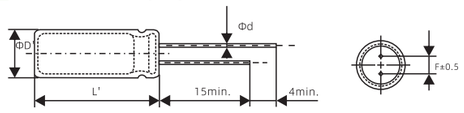
PD 系列/series

- 保证寿命: +105°C 2,000小时
  Endurance: 2,000 hours at 105°C
- 小尺寸
  Small size
- 高阶主板,工业计算机
  High order main board, industrial computer
- 符合RoHS,无铅
  RoHS Compliant and lead-free

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics											
工作温度范围 Category Temperature Range	-55~+105°C											
额定电压范围 Rated Working Voltage Range	6.3~35 Vdc											
标称电容范围 Nominal Capacitance Range	33~3,300μF											
静电容量允许偏差 Capacitance Tolerance	±20%(M)											(at 20°C,120Hz)
直流漏电流 DC Leakage Current	I≦0.2CV 或 500μA中的较大值 I≤0.2CV or 500μA, whichever is greater. I:最大漏电流 (μA), C:静电容量 (μF), V:额定电压 (V) Where, I:Max.leakage current (μA),C:Nominal capacitance (μF),V: Rated voltage (V)											(20°C,2分钟) (at 20°C after 2 minutes)
损耗角正切值 Dissipation Factor (tanδ)	额定电压 Rated Voltage(Vdc)	6.3	6.8	7	7.5	10	12	16	20	25	35	(at 20°C,120Hz)
	损耗角正切(最大) Dissipation Factor (Max.)	0.08				0.12						
等效串联电阻 ESR(100kHz,20°C)	参阅标准品一览表 Value in the characteristics table											
温度特性 (100kHz阻抗比) Temperature Characteristic (Impedance Ratio at 100kHz)	Z(+105°C)/Z(+20°C)≤1.5 Z(-55°C)/Z(+20°C)≤2.0											
耐久性 Endurance	在105°C环境下,加载额定电压2,000小时后,进行测量时,应满足以下各项条件。 After applying rated voltage for 2,000 hours at 105°C, the capacitors shall meet the following requirements.											
	外观 Appearance	无可见损伤 No significant damage										
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value										
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value										
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value										
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value										
耐湿测试 Humidity Test	在60°C,相对湿度为90%~95%的环境中,无负荷放置1,000小时后,进行测量时,应符合上述耐久性的各项规定。 After subjecting to 90%~95% RH for 1,000 hours at 60°C without voltage applied, the capacitors shall meet the specified values for the Endurance characteristics listed above.											
浪涌测试 Surge Test	在常温下,连续施加周期性浪涌电压,通过保护电阻充电30秒及放电5分30秒,循环1,000次后进行测量时,应满足以下要求。 After subjecting to 1,000 cycles each consisting of charge with the surge voltage specified at normal temperature for 30 seconds through a protective resistor and discharge for 5 minutes 30 seconds, the capacitors shall meet the following requirements.											
	外观 Appearance	无可见损伤 No significant damage										
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value										
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value										
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value										
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value										

尺寸图 DIMENSIONS [mm]



ΦD	5.0	5.5	6.3	8.0	10.0
Φd	0.5	0.5	0.5	0.6	0.6
F	2.0	2.5	2.5	3.5	5.0
ΦD'	ΦD-0.1~+0.5	ΦD-0.3~+0.3	ΦD-0.1~+0.5		
L'	L+1.0max.			L-1~+0.5	

产品料号体系 PART NUMBERING SYSTEM

S	P	D	1	C	M	2	7	1	E	0	8	0	0	0	R	A	X	X	X

- 特殊代码Special code
- 奈印颜色代码Marking code
- 端子代码Terminal code
- 尺寸代码Size code
- 容量代码Capacitance code
- 静电容量允许偏差代码Capacitance tolerance code
- 电压代码Voltage code
- 系列代码Series code
- 产品分类Category code

PD 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
6.3	220	5×7	18	3,600	500	SPD0JM221D07O00RAXXX
	270	5×7	18	3,900	500	SPD0JM271D07O00RAXXX
	330	5×8	18	4,200	500	SPD0JM331D08O00RAXXX
	390	5×9	18	4,300	500	SPD0JM391D09O00RAXXX
	470	5×10	18	4,500	592	SPD0JM471D10O00RAXXX
	470	5.5×9	18	4,300	592	SPD0JM471B09O00RAXXX
	470	6.3×7	18	4,000	592	SPD0JM471E07O00RAXXX
	500	5×9	18	4,300	630	SPD0JM501D09O00RAXXX
	560	5.5×9	18	4,500	706	SPD0JM561B09O00RAXXX
	560	6.3×7	18	4,400	706	SPD0JM561E07O00RAXXX
	680	5.5×9	18	5,000	857	SPD0JM681B09O00RAXXX
	680	6.3×9	18	5,300	857	SPD0JM681E09O00RAXXX
	820	5.5×11	18	5,000	1,033	SPD0JM821B11O00RAXXX
	820	6.3×9	18	5,300	1,033	SPD0JM821E09O00RAXXX
	1,000	6.3×10	9	5,400	1,260	SPD0JM102E10O00RAXXX
	1,000	8×9	10	5,000	1,260	SPD0JM102F09O00RAXXX
	1,500	8×11	9	5,600	1,890	SPD0JM152F11O00RAXXX
	1,800	10×10	9	5,800	2,268	SPD0JM182G10O00RAXXX
	2,200	8×14	9	5,900	2,772	SPD0JM222F14O00RAXXX
	2,200	10×12	9	6,000	2,772	SPD0JM222G12O00RAXXX
	3,300	10×14	9	6,100	4,158	SPD0JM332G14O00RAXXX
6.8	47	6.3×5	40	1,100	500	SPD0CM470E05O00RAXXX
	82	6.3×5	40	1,100	500	SPD0CM820E05O00RAXXX
	100	5×7	30	1,800	500	SPD0CM101D07O00RAXXX
	150	5×7	30	2,600	500	SPD0CM151D07O00RAXXX
	220	5×7	20	3,500	500	SPD0CM221D07O00RAXXX
	220	6.3×8	15	4,000	500	SPD0CM221E08O00RAXXX
	270	5×7	20	3,800	500	SPD0CM271D07O00RAXXX
	330	5×8	20	4,000	500	SPD0CM331D08O00RAXXX
	330	6.3×5	25	3,160	500	SPD0CM331E05O00RAXXX
	390	5×9	20	4,100	530	SPD0CM391D09O00RAXXX
	470	5×10	20	4,300	639	SPD0CM471D10O00RAXXX
	470	5.5×9	20	4,100	639	SPD0CM471B09O00RAXXX
	470	6.3×7	20	4,100	639	SPD0CM471E07O00RAXXX
	500	5×9	20	4,100	680	SPD0CM501D09O00RAXXX
	560	6.3×7	20	4,200	762	SPD0CM561E07O00RAXXX
	560	5.5×9	20	4,300	762	SPD0CM561B09O00RAXXX
	680	5.5×9	20	4,800	925	SPD0CM681B09O00RAXXX
	680	6.3×9	20	5,080	925	SPD0CM681E09O00RAXXX
	680	8×9	20	5,100	925	SPD0CM681F09O00RAXXX
	820	5.5×10	20	4,800	1,115	SPD0CM821B10O00RAXXX
	820	6.3×9	20	5,080	1,115	SPD0CM821E09O00RAXXX
	820	8×9	15	5,100	1,115	SPD0CM821F09O00RAXXX
	1,000	6.3×10	10	5,150	1,360	SPD0CM102E10O00RAXXX

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

PD 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
6.8	1,000	8×9	12	5,100	1,360	SPD0CM102F09O00RAXXX
	1,000	8×11	10	5,200	1,360	SPD0CM102F11O00RAXXX
	1,200	6.3×11	10	5,200	1,632	SPD0CM122E11O00RAXXX
	1,200	8×11	10	5,300	1,632	SPD0CM122F11O00RAXXX
	1,500	8×11	10	5,400	2,040	SPD0CM152F11O00RAXXX
	1,500	10×12	10	5,500	2,040	SPD0CM152G12O00RAXXX
	1,800	10×10	10	5,560	2,448	SPD0CM182G10O00RAXXX
	2,200	8×14	10	5,700	2,992	SPD0CM222F14O00RAXXX
	2,200	10×12	10	5,800	2,992	SPD0CM222G12O00RAXXX
	3,300	10×14	10	5,900	4,488	SPD0CM332G14O00RAXXX
7	220	5×7	20	3,200	500	SPD0QM221D07O00RAXXX
	270	5×8	20	3,400	500	SPD0QM271D08O00RAXXX
	330	5×9	20	3,600	500	SPD0QM331D09O00RAXXX
	470	5.5×9	20	3,600	658	SPD0QM471B09O00RAXXX
	470	6.3×8	20	3,800	658	SPD0QM471E08O00RAXXX
	560	6.3×8	20	4,000	784	SPD0QM561E08O00RAXXX
	680	6.3×8	12	4,200	952	SPD0QM681E08O00RAXXX
	820	6.3×10	12	4,500	1,148	SPD0QM821E10O00RAXXX
	820	8×9	12	4,600	1,148	SPD0QM821F09O00RAXXX
7.5	220	5×7	20	3,100	500	SPD0AM221D07O00RAXXX
	270	5×8	20	3,300	500	SPD0AM271D08O00RAXXX
	330	5×9	20	3,500	500	SPD0AM331D09O00RAXXX
	390	5×9	20	3,500	585	SPD0AM391D09O00RAXXX
	470	5×9	20	3,550	705	SPD0AM471D09O00RAXXX
	470	5.5×8	25	3,100	705	SPD0AM471B08O00RAXXX
	470	6.3×7	25	3,200	705	SPD0AM471E07O00RAXXX
	500	5.5×9	20	3,600	750	SPD0AM501B09O00RAXXX
	560	6.3×8	20	3,900	840	SPD0AM561E08O00RAXXX
	680	6.3×9	12	4,100	1,020	SPD0AM681E09O00RAXXX
	820	6.3×10	12	4,400	1,230	SPD0AM821E10O00RAXXX
	820	8×9	12	4,550	1,230	SPD0AM821F09O00RAXXX
	1,000	6.3×11	12	4,500	1,500	SPD0AM102E11O00RAXXX
	1,000	8×11	12	4,700	1,500	SPD0AM102F11O00RAXXX
	1,200	8×11	12	4,800	1,800	SPD0AM122F11O00RAXXX
	1,500	8×11	12	4,900	2,250	SPD0AM152F11O00RAXXX
	1,800	8×14	12	5,100	2,700	SPD0AM182F14O00RAXXX
	2,200	10×12	12	5,700	3,300	SPD0AM222G12O00RAXXX
10	100	6.3×5	27	2,400	500	SPD1AM101E05O00RAXXX
	120	5×7	18	2,500	500	SPD1AM121D07O00RAXXX
	150	5×7	18	2,600	500	SPD1AM151D07O00RAXXX
	180	5×8	18	2,800	500	SPD1AM181D08O00RAXXX
	180	6.3×7	18	2,900	500	SPD1AM181E07O00RAXXX
	220	5×9	18	2,900	500	SPD1AM221D09O00RAXXX
	220	6.3×5	22	2,900	500	SPD1AM221E05O00RAXXX

PD 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
10	270	6.3×8	18	3,200	540	SPD1AM271E08O00RAXXX
	330	6.3×8	18	3,400	660	SPD1AM331E08O00RAXXX
	390	6.3×8	18	3,500	780	SPD1AM391E08O00RAXXX
	470	5.5×9	18	3,500	940	SPD1AM471B09O00RAXXX
	470	6.3×8	18	3,600	940	SPD1AM471E08O00RAXXX
	470	8×9	13	3,700	940	SPD1AM471F09O00RAXXX
	560	6.3×10	11	3,700	1,120	SPD1AM561E10O00RAXXX
	560	8×9	13	3,700	1,120	SPD1AM561F09O00RAXXX
	680	8×8	18	3,400	1,360	SPD1AM681F08O00RAXXX
	820	8×11	10	4,200	1,640	SPD1AM821F11O00RAXXX
	1,000	8×11	10	4,400	2,000	SPD1AM102F11O00RAXXX
	1,200	8×12	9	4,700	2,400	SPD1AM122F12O00RAXXX
	1,500	8×14	9	5,000	3,000	SPD1AM152F14O00RAXXX
	1,800	10×13	9	6,000	3,600	SPD1AM182G13O00RAXXX
12	47	5×7	35	2,200	500	SPD1TM470D07O00RAXXX
	56	5×7	35	2,250	500	SPD1TM560D07O00RAXXX
	68	5×7	35	2,300	500	SPD1TM680D07O00RAXXX
	82	5×7	35	2,350	500	SPD1TM820D07O00RAXXX
	100	5×7	35	2,400	500	SPD1TM101D07O00RAXXX
	100	6.3×5	30	2,300	500	SPD1TM101E05O00RAXXX
	120	5×7	20	2,450	500	SPD1TM121D07O00RAXXX
	150	5×7	20	2,500	500	SPD1TM151D07O00RAXXX
	180	5×8	20	2,700	500	SPD1TM181D08O00RAXXX
	180	6.3×7	20	2,800	500	SPD1TM181E07O00RAXXX
	220	5×9	20	2,820	528	SPD1TM221D09O00RAXXX
	220	6.3×5	25	2,800	528	SPD1TM221E05O00RAXXX
	220	6.3×8	15	3,160	528	SPD1TM221E08O00RAXXX
	270	6.3×8	20	3,100	648	SPD1TM271E08O00RAXXX
	330	6.3×8	20	3,300	792	SPD1TM331E08O00RAXXX
	330	6.3×10	12	3,500	792	SPD1TM331E10O00RAXXX
	330	8×9	15	3,400	792	SPD1TM331F09O00RAXXX
	390	6.3×8	20	3,400	936	SPD1TM391E08O00RAXXX
	470	5.5×9	20	3,400	1,128	SPD1TM471B09O00RAXXX
	470	6.3×8	20	3,500	1,128	SPD1TM471E08O00RAXXX
	470	8×9	15	3,550	1,128	SPD1TM471F09O00RAXXX
	470	8×11	12	5,650	1,128	SPD1TM471F11O00RAXXX
	560	6.3×10	13	3,600	1,344	SPD1TM561E10O00RAXXX
	560	8×9	15	3,600	1,344	SPD1TM561F09O00RAXXX
	680	6.3×11	15	3,800	1,632	SPD1TM681E11O00RAXXX
	680	8×8	20	3,300	1,632	SPD1TM681F08O00RAXXX
	680	8×11	12	3,900	1,632	SPD1TM681F11O00RAXXX
	820	8×11	12	4,000	1,968	SPD1TM821F11O00RAXXX
	1,000	8×11	12	4,200	2,400	SPD1TM102F11O00RAXXX
	1,000	10×12	10	5,300	2,400	SPD1TM102G12O00RAXXX

PD 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
12	1,200	10×12	10	5,450	2,880	SPD1TM122G12O00RAXXX
	1,500	8×14	10	4,800	3,600	SPD1TM152F14O00RAXXX
	1,500	10×12	10	5,500	3,600	SPD1TM152G12O00RAXXX
	1,800	10×13	10	5,800	4,320	SPD1TM182G13O00RAXXX
	2,200	10×15	10	6,100	5,000	SPD1TM222G15O00RAXXX
	3,300	10×18	10	6,200	5,000	SPD1TM332G18O00RAXXX
16	100	5×7	18	2,300	500	SPD1CM101D07O00RAXXX
	100	6.3×5	22	2,200	500	SPD1CM101E05O00RAXXX
	120	5×8	18	2,400	500	SPD1CM121D08O00RAXXX
	150	5×8	18	2,500	500	SPD1CM151D08O00RAXXX
	180	5×8	18	2,500	576	SPD1CM181D08O00RAXXX
	180	6.3×5	27	2,300	576	SPD1CM181E05O00RAXXX
	220	5×10	18	2,700	704	SPD1CM221D10O00RAXXX
	220	6.3×5	25	2,800	704	SPD1CM221E05O00RAXXX
	220	6.3×8	18	2,800	704	SPD1CM221E08O00RAXXX
	270	6.3×8	18	2,900	864	SPD1CM271E08O00RAXXX
	330	6.3×7	18	3,000	1,056	SPD1CM331E07O00RAXXX
	470	5.5×11	18	3,100	1,504	SPD1CM471B11O00RAXXX
	470	8×9	11	3,400	1,504	SPD1CM471F09O00RAXXX
	560	8×11	13	3,300	1,792	SPD1CM561F11O00RAXXX
	680	8×11	13	3,500	2,176	SPD1CM681F11O00RAXXX
	820	8×13	9	3,600	2,624	SPD1CM821F13O00RAXXX
	1,000	8×14	10	3,700	3,200	SPD1CM102F14O00RAXXX
	1,200	10×12	10	4,400	3,840	SPD1CM122G12O00RAXXX
	1,500	10×12	10	5,000	4,800	SPD1CM152G12O00RAXXX
20	33	5×8	40	1,900	500	SPD1DM330D08O00RAXXX
	39	5×8	40	1,950	500	SPD1DM390D08O00RAXXX
	47	5×8	40	2,200	500	SPD1DM470D08O00RAXXX
	56	5×9	40	2,100	500	SPD1DM560D09O00RAXXX
	68	6.3×8	30	2,100	500	SPD1DM680E08O00RAXXX
	82	6.3×8	30	2,150	500	SPD1DM820E08O00RAXXX
	100	6.3×8	30	2,200	500	SPD1DM101E08O00RAXXX
	120	6.3×8	30	2,300	500	SPD1DM121E08O00RAXXX
	150	6.3×10	20	2,350	600	SPD1DM151E10O00RAXXX
	180	8×9	30	2,450	720	SPD1DM181F09O00RAXXX
	220	8×11	20	2,550	880	SPD1DM221F11O00RAXXX
	270	8×11	20	2,700	1,080	SPD1DM271F11O00RAXXX
	330	6.3×11	20	2,100	1,320	SPD1DM331E11O00RAXXX
	330	8×11	20	2,800	1,320	SPD1DM331F11O00RAXXX
	470	8×11	20	2,400	1,880	SPD1DM471F11O00RAXXX
	470	8×16	20	3,000	1,880	SPD1DM471F16O00RAXXX
	470	10×12	20	2,900	1,880	SPD1DM471G12O00RAXXX
	680	8×14	20	2,700	2,720	SPD1DM681F14O00RAXXX
	680	10×15	20	3,300	2,720	SPD1DM681G15O00RAXXX

PD 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
20	820	10×18	20	3,400	3,280	SPD1DM821G18O00RAXXX
	1,000	10×18	20	3,900	4,000	SPD1DM102G18O00RAXXX
25	47	5×9	54	2,000	500	SPD1EM470D09O00RAXXX
	56	5×9	54	2,100	500	SPD1EM560D09O00RAXXX
	68	6.3×7	27	2,200	500	SPD1EM680E07O00RAXXX
	82	6.3×7	27	2,200	500	SPD1EM820E07O00RAXXX
	100	6.3×8	27	2,600	500	SPD1EM101E08O00RAXXX
	120	6.3×8	27	2,600	600	SPD1EM121E08O00RAXXX
	150	6.3×10	18	2,900	750	SPD1EM151E10O00RAXXX
	180	6.3×10	18	2,900	900	SPD1EM181E10O00RAXXX
	220	5.5×10	18	1,900	1,100	SPD1EM221B10O00RAXXX
	270	8×11	18	3,100	1,350	SPD1EM271F11O00RAXXX
	330	8×11	18	3,200	1,650	SPD1EM331F11O00RAXXX
	470	8×11	18	3,100	2,350	SPD1EM471F11O00RAXXX
	470	10×10	25	2,300	2,350	SPD1EM471G10O00RAXXX
	560	10×12	18	4,200	2,800	SPD1EM561G12O00RAXXX
	680	8×14	18	3,500	3,400	SPD1EM681F14O00RAXXX
	680	10×12	18	4,300	3,400	SPD1EM681G12O00RAXXX
	820	8×16	18	3,700	4,100	SPD1EM821F16O00RAXXX
	820	10×12	18	4,300	4,100	SPD1EM821G12O00RAXXX
	1,000	10×13	18	4,400	5,000	SPD1EM102G13O00RAXXX
35	47	6.3×7	45	2,200	500	SPD1VM470E07O00RAXXX
	56	6.3×7	45	2,200	500	SPD1VM560E07O00RAXXX
	68	6.3×7	45	2,300	500	SPD1VM680E07O00RAXXX
	82	6.3×7	45	2,300	574	SPD1VM820E07O00RAXXX
	100	6.3×8	45	2,400	700	SPD1VM101E08O00RAXXX
	120	6.3×9	45	2,500	840	SPD1VM121E09O00RAXXX
	150	6.3×10	36	2,600	1,050	SPD1VM151E10O00RAXXX
	220	6.3×11	36	2,700	1,540	SPD1VM221E11O00RAXXX
	220	8×11	36	2,900	1,540	SPD1VM221F11O00RAXXX
	270	10×12	27	3,100	1,890	SPD1VM271G12O00RAXXX
	330	10×12	27	3,200	2,310	SPD1VM331G12O00RAXXX
	470	10×13	18	3,300	3,290	SPD1VM471G13O00RAXXX
	680	10×16	18	3,500	4,760	SPD1VM681G16O00RAXXX

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

高分子固态 引线电容器 Conductive Polymer Radial Type Capacitor

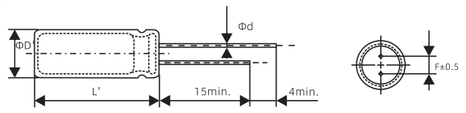
PV 系列/series

- 保证寿命: +125℃ 2,000小时 Endurance: 2,000 hours at 125°C
- 耐高温 High temperature
- 高阶适配器，通讯电源 High adapter, communication power supply
- 符合RoHS，无铅 RoHS Compliant and lead-free

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics										
工作温度范围 Category Temperature Range	-55~+125°C										
额定电压范围 Rated Working Voltage Range	6.3~125 Vdc										
标称电容范围 Nominal Capacitance Range	4.7~3,300μF										
静电容量允许偏差 Capacitance Tolerance	±20%(M)										(at 20°C,120Hz)
直流漏电流 DC Leakage Current	I≦0.2CV 或 500μA中的较大值 I≤0.2CV or 500μA, whichever is greater. I：最大漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I:Max.leakage current (μA),C:Nominal capacitance (μF),V: Rated voltage (V)										(20℃，2 分钟) (at 20°C after 2 minutes)
损耗角正切值 Dissipation Factor (tanδ)	额定电压 Rated Voltage(Vdc)	6.3	10	16	35	50	63	80	100	125	(at 20°C,120Hz)
	损耗角正切（最大） Dissipation Factor (Max.)	0.08	0.12						0.15		
等效串联电阻 ESR(100kHz,20°C)	参阅标准品一览表 Value in the characteristics table										
温度特性 (100kHz阻抗比) Temperature Characteristic (Impedance Ratio at 100kHz)	Z(+125°C)/Z(+20°C)≤1.5 Z(-55°C)/Z(+20°C)≤2.0										
耐久性 Endurance	在125°C环境下，加载额定电压2,000小时后，进行测量时，应满足以下各项条件。 After applying rated voltage for 2,000 hours at 125°C, the capacitors shall meet the following requirements.										
	外观 Appearance	无可见损伤 No significant damage									
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value									
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value									
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value									
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value									
耐湿测试 Humidity Test	在60°C，相对湿度为90%~95%的环境中，无负荷放置1,000小时后，进行测量时，应符合上述耐久性的各项规定。 After subjecting to 90%~95% RH for 1,000 hours at 60°C without voltage applied, the capacitors shall meet the specified values for the Endurance characteristics listed above.										
浪涌测试 Surge Test	在常温下，连续施加周期性浪涌电压，通过保护电阻充电30秒及放电5分30秒，循环1,000次后进行测量时，应满足以下要求。 After subjecting to 1,000 cycles each consisting of charge with the surge voltage specified at normal temperature for 30 seconds through a protective resistor and discharge for 5 minutes 30 seconds, the capacitors shall meet the following requirements.										
	外观 Appearance	无可见损伤 No significant damage									
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value									
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value									
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value									
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value									

尺寸图 DIMENSIONS [mm]



ΦD	5.0	5.5	6.3	8.0	10.0
Φd	0.5	0.5	0.5	0.6	0.6
F	2.0	2.5	2.5	3.5	5.0
ΦD'	ΦD-0.1~+0.5	ΦD-0.3~+0.3	ΦD-0.1~+0.5		
L'	L+1.0max.			L-1~+0.5	

产品料号体系 PART NUMBERING SYSTEM

S P V 1 V M 2 7 1 G 1 2 0 0 0 R A X X X

- 特殊代码Special code
- 奈印颜色代码Marking code
- 端子代码Terminal code
- 尺寸代码Size code
- 容量代码Capacitance code
- 静电容量允许偏差代码Capacitance tolerance code
- 电压代码Voltage code
- 系列代码Series code
- 产品分类Category code

PV 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/125℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
6.3	330	6.3×8	22	1,600	500	SPV0JM331E08O00RAXXX
	470	6.3×8	22	1,700	592	SPV0JM471E08O00RAXXX
	560	6.3×8	30	1,800	706	SPV0JM561E08O00RAXXX
	680	8×9	30	1,900	857	SPV0JM681F09O00RAXXX
	820	6.3×10	30	1,900	1,033	SPV0JM821E10O00RAXXX
	1,000	8×11	15	1,900	1,260	SPV0JM102F11O00RAXXX
	1,200	8×11	15	1,900	1,512	SPV0JM122F11O00RAXXX
	1,500	10×12	15	2,000	1,890	SPV0JM152G12O00RAXXX
	3,300	10×14	15	2,100	4,158	SPV0JM332G14O00RAXXX
10	220	6.3×8	30	1,300	500	SPV1AM221E08O00RAXXX
	270	6.3×8	30	1,300	540	SPV1AM271E08O00RAXXX
	330	8×9	22	1,400	660	SPV1AM331F09O00RAXXX
	470	8×9	22	1,400	940	SPV1AM471F09O00RAXXX
	560	6.3×10	18	1,600	1,120	SPV1AM561E10O00RAXXX
	680	8×11	18	1,500	1,360	SPV1AM681F11O00RAXXX
	820	8×11	18	1,600	1,640	SPV1AM821F11O00RAXXX
	1,000	10×12	15	1,900	2,000	SPV1AM102G12O00RAXXX
	1,200	10×12	15	2,000	2,400	SPV1AM122G12O00RAXXX
	1,500	10×13	15	2,100	3,600	SPV1AM152G13O00RAXXX
16	100	6.3×5	37	1,000	500	SPV1CM101E05O00RAXXX
	100	6.3×8	30	1,200	500	SPV1CM101E08O00RAXXX
	220	6.3×8	30	1,200	704	SPV1CM221E08O00RAXXX
	220	6.3×10	22	1,200	704	SPV1CM221E10O00RAXXX
	270	8×9	30	1,200	864	SPV1CM271F09O00RAXXX
	470	8×11	22	1,700	1,504	SPV1CM471F11O00RAXXX
	560	8×13	22	1,300	1,792	SPV1CM561F13O00RAXXX
	560	10×12	18	1,400	1,792	SPV1CM561G12O00RAXXX
	680	10×12	18	1,400	2,176	SPV1CM681G12O00RAXXX
	820	10×12	18	1,500	2,624	SPV1CM821G12O00RAXXX
	1,000	10×12	18	1,600	3,200	SPV1CM102G12O00RAXXX
	1,500	10×18	18	2,000	4,800	SPV1CM152G18O00RAXXX
35	4.7	5×8	90	900	500	SPV1VM4R7D08O00RAXXX
	15	5×8	90	900	500	SPV1VM150D08O00RAXXX
	22	5×9	150	900	500	SPV1VM220D09O00RAXXX
	33	5×9	75	1,000	500	SPV1VM330D09O00RAXXX
	39	5×9	75	1,000	500	SPV1VM390D09O00RAXXX
	47	6.3×7	75	1,000	500	SPV1VM470E07O00RAXXX
	56	6.3×7	75	1,000	500	SPV1VM560E07O00RAXXX
	68	6.3×7	75	1,000	500	SPV1VM680E07O00RAXXX
	82	6.3×7	75	1,000	574	SPV1VM820E07O00RAXXX
	100	6.3×8	75	1,100	700	SPV1VM101E08O00RAXXX
	100	6.3×10	60	1,100	700	SPV1VM101E10O00RAXXX
	100	8×11	60	1,100	700	SPV1VM101F11O00RAXXX
	120	6.3×10	60	1,100	840	SPV1VM121E10O00RAXXX

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

PV 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/125℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
35	150	6.3×10	60	1,100	1,050	SPV1VM151E10O00RAXXX
	220	8×11	60	1,200	1,540	SPV1VM221F11O00RAXXX
	220	10×12	45	1,200	1,540	SPV1VM221G12O00RAXXX
	270	10×12	45	1,300	1,890	SPV1VM271G12O00RAXXX
	330	10×12	45	1,300	2,310	SPV1VM331G12O00RAXXX
	470	10×13	30	1,300	3,290	SPV1VM471G13O00RAXXX
	560	10×14	30	1,300	3,920	SPV1VM561G14O00RAXXX
	680	10×16	30	1,400	4,760	SPV1VM681G16O00RAXXX
	820	10×18	30	1,400	5,000	SPV1VM821G18O00RAXXX
	1,000	10×23	30	1,500	5,000	SPV1VM102G23O00RAXXX
50	4.7	5×8	90	800	500	SPV1HM4R7D08O00RAXXX
	10	6.3×7	52	900	500	SPV1HM100E07O00RAXXX
	15	5×8	105	800	500	SPV1HM150D08O00RAXXX
	22	6.3×7	60	900	500	SPV1HM220E07O00RAXXX
	33	6.3×7	60	1,000	500	SPV1HM330E07O00RAXXX
	47	6.3×8	52	1,000	500	SPV1HM470E08O00RAXXX
	56	6.3×10	52	1,000	560	SPV1HM560E10O00RAXXX
	68	6.3×11	45	1,000	680	SPV1HM680E11O00RAXXX
	100	8×11	45	1,000	1,000	SPV1HM101F11O00RAXXX
	150	10×12	45	1,100	1,500	SPV1HM151G12O00RAXXX
	220	10×14	45	1,200	2,200	SPV1HM221G14O00RAXXX
	270	10×16	30	1,200	2,700	SPV1HM271G16O00RAXXX
	330	10×18	30	1,200	3,300	SPV1HM331G18O00RAXXX
	440	10×23	30	1,300	4,400	SPV1HM441G23O00RAXXX
	470	10×23	30	1,300	4,700	SPV1HM471G23O00RAXXX
63	4.7	6.3×8	90	800	500	SPV1JM4R7E08O00RAXXX
	6.8	6.3×8	90	800	500	SPV1JM6R8E08O00RAXXX
	10	6.3×5	90	800	500	SPV1JM100E05O00RAXXX
	33	6.3×8	45	900	500	SPV1JM330E08O00RAXXX
	39	6.3×8	45	900	500	SPV1JM390E08O00RAXXX
	68	8×11	45	1,000	857	SPV1JM680F11O00RAXXX
	82	8×11	45	1,000	1,033	SPV1JM820F11O00RAXXX
	100	10×12	45	1,000	1,260	SPV1JM101G12O00RAXXX
	150	10×12	45	1,100	1,890	SPV1JM151G12O00RAXXX
	180	10×14	30	1,100	2,268	SPV1JM181G14O00RAXXX
	220	10×16	30	1,100	2,772	SPV1JM221G16O00RAXXX
	270	10×18	30	1,200	3,402	SPV1JM271G18O00RAXXX
	330	10×23	30	1,200	4,158	SPV1JM331G23O00RAXXX
80	4.7	6.3×8	90	800	500	SPV1BM4R7E08O00RAXXX
	6.8	6.3×8	90	800	500	SPV1BM6R8E08O00RAXXX
	22	6.3×10	90	800	500	SPV1BM220E10O00RAXXX
	33	8×11	52	900	528	SPV1BM330F11O00RAXXX
	47	10×12	52	900	752	SPV1BM470G12O00RAXXX
	68	10×12	52	900	1,088	SPV1BM680G12O00RAXXX

PV 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/125℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
80	100	10×14	52	1,000	1,600	SPV1BM101G14O00RAXXX
100	4.7	6.3×8	180	800	500	SPV1KM4R7E08O00RAXXX
	6.8	6.3×8	180	800	500	SPV1KM6R8E08O00RAXXX
	10	6.3×10	75	800	500	SPV1KM100E10O00RAXXX
	10	8×11	75	800	500	SPV1KM100F11O00RAXXX
	15	8×11	75	800	500	SPV1KM150F11O00RAXXX
	22	10×12	52	800	500	SPV1KM220G12O00RAXXX
	33	10×14	52	800	660	SPV1KM330G14O00RAXXX
	47	10×16	52	800	940	SPV1KM470G16O00RAXXX
125	33	10×14	52	800	825	SPV2IM330G14O00RAXXX
	47	10×16	52	800	1,175	SPV2IM470G16O00RAXXX

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

PS 系列/series

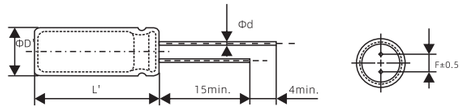
- 保证寿命: +105℃ 5,000小时
  Endurance: 5,000 hours at 105°C
- 大容量，高纹波
  High capacity,high ripple current
- 工业主板，工业计算机
  Industrial main board, Industrial computer
- 符合RoHS，无铅
  RoHS Compliant and lead-free

New

规格表 SPECIFICATIONS

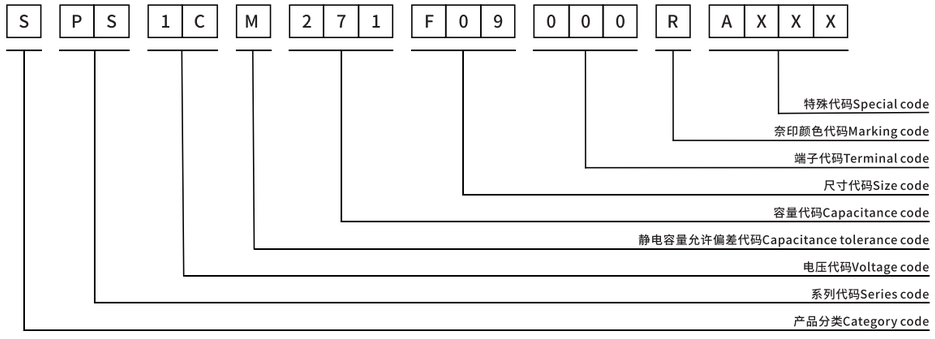
项目 Items	性能 Characteristics						
工作温度范围 Category Temperature Range	-55~+105°C						
额定电压范围 Rated Working Voltage Range	6.3~35 Vdc						
标称电容范围 Nominal Capacitance Range	47~2,200μF						
静电容量允许偏差 Capacitance Tolerance	±20%(M)						(at 20°C,120Hz)
直流漏电流 DC Leakage Current	I≦0.2CV 或 500μA中的较大值 I≤0.2CV or 500μA, whichever is greater.						
	I：漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) Where, I:Max.leakage current (μA),C:Nominal capacitance (μF),V: Rated voltage (V)						(20℃，2 分钟) (at 20°C after 2 minutes)
损耗角正切值 Dissipation Factor (tanδ)	额定电压 Rated Voltage(Vdc)	6.3	10	16	25	35	(at 20°C,120Hz)
	损耗角正切（最大） Dissipation Factor (Max.)	0.08	0.12				
等效串联电阻 ESR(100kHz,20°C)	参阅标准品一览表 Value in the characteristics table						
温度特性 (100kHz阻抗比) Temperature Characteristic (Impedance Ratio at 100kHz)	Z(+105°C)/Z(+20°C)≤1.5 Z(-55°C)/Z(+20°C)≤2.0						
耐久性 Endurance	在105°C环境下，加载额定电压5,000小时后，进行测量时，应满足以下各项条件。 After applying rated voltage for 5,000 hours at 105°C, the capacitors shall meet the following requirements.						
	外观 Appearance	无可见损伤 No significant damage					
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value					
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value					
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value					
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value					
耐湿测试 Humidity Test	在60°C，相对湿度为90%~95%的环境中，无负荷放置1,000小时后，进行测量时，应符合上述耐久性的各项规定。 After subjecting to 90%~95% RH for 1,000 hours at 60°C without voltage applied, the capacitors shall meet the specified values for the Endurance characteristics listed above.						
浪涌测试 Surge Test	在常温下，连续施加周期性浪涌电压，通过保护电阻充电30秒及放电5分30秒，循环1,000次后进行测量时，应满足以下要求。 After subjecting to 1,000 cycles each consisting of charge with the surge voltage specified at normal temperature for 30 seconds through a protective resistor and discharge for 5 minutes 30 seconds, the capacitors shall meet the following requirements.						
	外观 Appearance	无可见损伤 No significant damage					
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value					
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value					
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value					
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value					

尺寸图 DIMENSIONS [mm]



ΦD	6.3	8.0	10.0
Φd	0.5	0.6	0.6
F	2.5	3.5	5.0
ΦD'	ΦD-0.1~+0.5		
L'	L+1.0max.	L-1~+0.5	

产品料号体系 PART NUMBERING SYSTEM



PS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
6.3	330	6.3×8	15	3,900	500	SPS0JM331E08O00RAXXX
	470	6.3×8	15	4,000	592	SPS0JM471E08O00RAXXX
	560	6.3×8	15	4,300	706	SPS0JM561E08O00RAXXX
	680	6.3×9	15	4,500	857	SPS0JM681E09O00RAXXX
	680	8×9	15	4,100	857	SPS0JM681F09O00RAXXX
	820	6.3×9	15	4,500	1,033	SPS0JM821E09O00RAXXX
	1,000	6.3×10	11	4,800	1,260	SPS0JM102E10O00RAXXX
	1,000	8×11	11	5,100	1,260	SPS0JM102F11O00RAXXX
	1,200	8×11	11	5,100	1,512	SPS0JM122F11O00RAXXX
	1,500	10×12	11	5,500	1,890	SPS0JM152G12O00RAXXX
	2,200	10×12	11	6,000	2,772	SPS0JM222G12O00RAXXX
10	220	6.3×8	15	3,200	500	SPS1AM221E08O00RAXXX
	330	6.3×8	15	3,200	660	SPS1AM331E08O00RAXXX
	330	8×9	15	4,000	660	SPS1AM331F09O00RAXXX
	470	6.3*10	13	3,500	940	SPS1AM471E10O00RAXXX
	470	8×9	15	4,100	940	SPS1AM471F09O00RAXXX
	560	8×9	15	4,100	1,120	SPS1AM561F09O00RAXXX
	680	8×11	13	4,300	1,360	SPS1AM681F11O00RAXXX
	820	8×11	13	4,300	1,640	SPS1AM821F11O00RAXXX
	1,000	8*12	13	4,300	2,000	SPS1AM102F12O00RAXXX
	1,000	10×12	11	4,800	2,000	SPS1AM102G12O00RAXXX
	1,200	10×12	11	5,000	2,400	SPS1AM122G12O00RAXXX
16	220	6.3×10	13	2,900	704	SPS1CM221E10O00RAXXX
	270	8×9	15	3,700	864	SPS1CM271F09O00RAXXX
	330	8*9	15	3,700	1,056	SPS1CM331F09O00RAXXX
	470	8×11	13	3,900	1,504	SPS1CM471F11O00RAXXX
	470	10*12	13	4,300	1,504	SPS1CM471G12O00RAXXX
	560	8×13	13	4,000	1,792	SPS1CM561F13O00RAXXX
	680	10×12	13	4,500	2,176	SPS1CM681G12O00RAXXX
	820	10×12	13	4,500	2,624	SPS1CM821G12O00RAXXX
	1,000	10×12	13	4,500	3,200	SPS1CM102G12O00RAXXX
	1,200	10×15	13	4,700	3,840	SPS1CM122G15O00RAXXX
	1,500	10×18	13	5,000	4,800	SPS1CM152G18O00RAXXX
25	120	6.3×8	33	2,500	600	SPS1EM121E08O00RAXXX
	150	6.3×10	22	2,700	750	SPS1EM151E10O00RAXXX
	220	8×11	22	3,000	1,100	SPS1EM221F11O00RAXXX
	270	8×11	22	3,000	1,350	SPS1EM271F11O00RAXXX
	330	8×11	22	3,100	1,650	SPS1EM331F11O00RAXXX
	470	8×12	22	3,200	2,350	SPS1EM471F12O00RAXXX
	470	10×12	22	3,800	2,350	SPS1EM471G12O00RAXXX
	680	10×15	22	4,000	3,400	SPS1EM681G15O00RAXXX
35	47	6.3×7	55	2,100	500	SPS1VM470E07O00RAXXX
	56	6.3×7	55	2,100	500	SPS1VM560E07O00RAXXX
	68	6.3×7	55	2,100	500	SPS1VM680E07O00RAXXX

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

PS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
35	100	8×11	44	2,500	700	SPS1VM101F11O00RAXXX
	220	8×11	44	2,700	1,540	SPS1VM221F11O00RAXXX
	220	10×12	33	2,900	1,540	SPS1VM221G12O00RAXXX
	270	10×12	33	3,000	1,890	SPS1VM271G12O00RAXXX
	330	10×12	33	3,000	2,310	SPS1VM331G12O00RAXXX

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

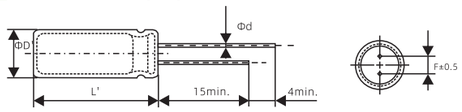
PL 系列/series

- 保证寿命：+105°C 10,000~23,000小时
  Endurance:10,000~23,000 hours at 105°C
- 超长寿命
  Super long life
- 工业电源，5G基站，工控，服务器
  Industrial power supply,5G base station, industrial control, server
- 符合RoHS，无铅
  RoHS Compliant and lead-free

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics							
工作温度范围 Category Temperature Range	-55~+105°C							
额定电压范围 Rated Working Voltage Range	2.5~35 Vdc							
标称电容范围 Nominal Capacitance Range	100~1,800μF							
静电容量允许偏差 Capacitance Tolerance	±20%(M)							(at 20°C,120Hz)
直流漏电流 DC Leakage Current	I≦0.2CV 或 500μA中的较大值 I≤0.2CV or 500μA, whichever is greater.							
	I：漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I:Max.leakage current (μA),C:Nominal capacitance (μF),V: Rated voltage (V)							(20°C，2 分钟) (at 20°C after 2 minutes)
损耗角正切值 Dissipation Factor (tanδ)	额定电压 Rated Voltage(Vdc)	2.5	6.3	10	16	25	35	(at 20°C,120Hz)
	损耗角正切 (最大) Dissipation Factor (Max.)	0.08		0.12				
等效串联电阻 ESR(100kHz,20°C)	参阅标准品一览表 Value in the characteristics table							
温度特性 (100kHz阻抗比) Temperature Characteristic (Impedance Ratio at 100kHz)	Z(+105°C)/Z(+20°C)≤1.5 Z(-55°C)/Z(+20°C)≤2.0							
耐久性 Endurance	在105°C环境下，加载额定电压10,000~23,000小时后，进行测量时，应满足以下各项条件。 After applying rated voltage for 10,000~23,000 hours at 105°C, the capacitors shall meet the following requirements.							
	外观 Appearance	无可见损伤 No significant damage						
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value						
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value						
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value						
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value						
耐湿测试 Humidity Test	在60°C，相对湿度为90%~95%的环境中，无负荷放置1,000小时后，进行测量时，应符合上述耐久性的各项规定。 After subjecting to 90%~95% RH for 1,000 hours at 60°C without voltage applied, the capacitors shall meet the specified values for the Endurance characteristics listed above.							
浪涌测试 Surge Test	在常温下，连续施加周期性浪涌电压，通过保护电阻充电30秒及放电5分30秒，循环1,000次后进行测量时，应满足以下要求。 After subjecting to 1,000 cycles each consisting of charge with the surge voltage specified at normal temperature for 30 seconds through a protective resistor and discharge for 5 minutes 30 seconds, the capacitors shall meet the following requirements.							
	外观 Appearance	无可见损伤 No significant damage						
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value						
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value						
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value						
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value						

尺寸图 DIMENSIONS [mm]



ΦD	6.3	8.0	10.0
Φd	0.5	0.6	0.6
F	2.5	3.5	5.0
ΦD'	ΦD-0.1~+0.5		
L'	L+1.0max.	L-1~+0.5	

产品料号体系 PART NUMBERING SYSTEM

S	P	L	1	C	M	2	7	1	F	1	1	0	0	0	R	A	X	X	X

- 特殊代码Special code
- 奈印颜色代码Marking code
- 端子代码Terminal code
- 尺寸代码Size code
- 容量代码Capacitance code
- 静电容量允许偏差代码Capacitance tolerance code
- 电压代码Voltage code
- 系列代码Series code
- 产品分类Category code

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

PL 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20°C,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105°C,100kHz)	最大漏电流 Leakage Current (μA)(max)	寿命 Load (hour)	料号 Part Number
2. 5	330	6.3×8	15	4,000	500	10,000	SPL0EM331E08O00RS103
	470	6.3×8	15	4,000	500	10,000	SPL0EM471E08O00RS103
	560	6.3×8	15	4,000	500	10,000	SPL0EM561E08O00RS103
	820	6.3×9	15	4,000	500	10,000	SPL0EM821E09O00RS103
	1,000	6.3×10	11	4,400	500	10,000	SPL0EM102E10O00RS103
6.3	220	6.3×8	15	4,000	500	10,000	SPL0JM221E08O00RS103
	330	6.3×5	15	3,000	500	10,000	SPL0JM331E05O00RS103
	330	6.3×5	25	2,800	500	23,000	SPL0JM331E05O00RS233
	330	6.3×8	15	4,000	500	10,000	SPL0JM331E08O00RS103
	470	6.3×10	11	4,400	592	10,000	SPL0JM471E10O00RS103
	680	6.3×10	11	4,400	857	10,000	SPL0JM681E10O00RS103
	820	8×11	11	4,400	1,033	10,000	SPL0JM821F11O00RS103
	1,000	8×11	11	4,400	1,260	10,000	SPL0JM102F11O00RS103
	2,200	10×12	11	4,400	2,268	10,000	SPL0JM222G12O00RS103
10	330	8×11	17	4,500	660	10,000	SPL1AM331F11O00RS103
	560	8×11	11	4,400	1,120	10,000	SPL1AM561F11O00RS103
	1,000	10×12	11	4,400	2,000	10,000	SPL1AM102G12O00RS103
16	100	6.3×5	24	4,400	500	10,000	SPL1CM101E05O00RS103
	100	6.3×5	24	4,400	500	16,000	SPL1CM101E05O00RS163
	100	6.3×5	48	2,000	500	23,000	SPL1CM101E05O00RS233
	180	8×11	16	3,500	576	10,000	SPL1CM181F11O00RS103
	270	8×11	13	5,400	864	10,000	SPL1CM271F11O00RS103
	560	8×11	18	2,500	1,792	16,000	SPL1CM561F11O00RS163
	820	10×12	13	5,400	2,624	10,000	SPL1CM821G12O00RS103
	1,000	10×12	12	5,400	3,200	10,000	SPL1CM102G12O00RS103
25	100	8×9	45	1,000	500	10,000	SPL1EM101F09O00RS103
	220	8×11	30	1,600	1,100	10,000	SPL1EM221F11O00RS103
	330	10×12	30	1,600	1,650	10,000	SPL1EM331G12O00RS103
35	150	10×12	30	1,600	1,050	10,000	SPL1VM151G12O00RS103
	330	10×13	30	1,800	2,310	10,000	SPL1VM331G13O00RS103

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

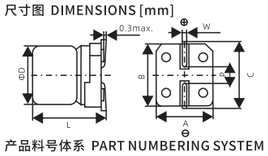
VS 系列/series

- 保证寿命: +105°C 2,000小时
  Endurance: 2,000 hours at 105°C
- 低ESR
  Low ESR
- 工业主板，服务器
  Industrial main board, server
- 符合RoHS, 无铅
  RoHS Compliant and lead-free

规格表 SPECIFICATIONS

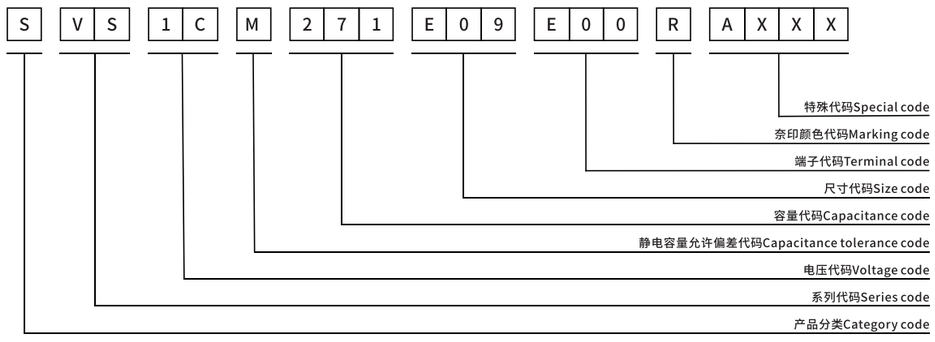
项目 Items	性能 Characteristics						
工作温度范围 Category Temperature Range	-55~+105°C						
额定电压范围 Rated Working Voltage Range	2.5~25Vdc						
标称电容范围 Nominal Capacitance Range	27~2,200μF						
静电容量允许偏差 Capacitance Tolerance	±20%(M)						(at 20°C,120Hz)
直流漏电流 DC Leakage Current	I≦0.2CV 或 500μA中的较大值 I≤0.2CV or 500μA, whichever is greater.						
	I：漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I:Max.leakage current (μA),C:Nominal capacitance (μF),V: Rated voltage (V)						(20°C，2 分钟) (at 20°C after 2 minutes)
损耗角正切值 Dissipation Factor (tanδ)	额定电压 Rated Voltage(Vdc)	2.5	6.3	10	16	25	(at 20°C,120Hz)
	损耗角正切 (最大) Dissipation Factor (Max.)	0.08		0.12			
等效串联电阻 ESR(100kHz,20°C)	参阅标准品一览表 Value in the characteristics table						
温度特性 (100kHz阻抗比) Temperature Characteristic (Impedance Ratio at 100kHz)	Z(+105°C)/Z(+20°C)≤1.5 Z(-55°C)/Z(+20°C)≤2.0						
耐久性 Endurance	在105°C环境下，加载额定电压2,000小时后，进行测量时，应满足以下各项条件。 After applying rated voltage for 2,000 hours at 105°C, the capacitors shall meet the following requirements.						
	外观 Appearance	无可见损伤 No significant damage					
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value					
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value					
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value					
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value					
耐湿测试 Humidity Test	在60°C，相对湿度为90%~95%的环境中，无负荷放置1,000小时后，进行测量时，应符合上述耐久性的各项规定。 After subjecting to 90%~95% RH for 1,000 hours at 60°C without voltage applied, the capacitors shall meet the specified values for the Endurance characteristics listed above.						
浪涌测试 Surge Test	在常温下，连续施加周期性浪涌电压，通过保护电阻充电30秒及放电5分30秒，循环1,000次后进行测量时，应满足以下要求。 After subjecting to 1,000 cycles each consisting of charge with the surge voltage specified at normal temperature for 30 seconds through a protective resistor and discharge for 5 minutes 30 seconds, the capacitors shall meet the following requirements.						
	外观 Appearance	无可见损伤 No significant damage					
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value					
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value					
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value					
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value					

尺寸图 DIMENSIONS [mm]



Size Code	6.3	8.0	10.0
P±0.2	1.9	3.1	4.5
A±0.2	6.6	8.3	10.3
B±0.2	6.6	8.3	10.3
C±0.2	7.2	9.0	11.0
W	0.5~0.8	0.7~1.1	0.7~1.1
ØD'	ØD-0.1~+0.5		
L'	L±0.5		

产品料号体系 PART NUMBERING SYSTEM



工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

VS 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20°C,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105°C,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
2. 5	330	6.3×6	18	2,800	500	SVS0EM331E06E00RAXXX
	390	6.3×6	18	2,900	500	SVS0EM391E06E00RAXXX
	470	6.3×6	18	4,000	500	SVS0EM471E06E00RAXXX
	560	6.3×6	18	4,000	500	SVS0EM561E06E00RAXXX
	680	6.3×9	13	4,500	500	SVS0EM681E09E00RAXXX
6.3	220	6.3×6	18	2,900	500	SVS0JM221E06E00RAXXX
	270	6.3×6	18	3,100	500	SVS0JM271E06E00RAXXX
	330	6.3×6	18	3,200	500	SVS0JM331E06E00RAXXX
	470	6.3×9	13	3,600	592	SVS0JM471E09E00RAXXX
	560	6.3×9	13	3,800	706	SVS0JM561E09E00RAXXX
	1,000	8×11.5	13	4,500	1,260	SVS0JM102FBRE00RAXXX
	1,500	8×11.5	13	4,600	1,890	SVS0JM152FBRE00RAXXX
	2200	10×12.5	13	5,800	2,772	SVS0JM222GCRE00RAXXX
10	68	6.3×6	45	2,800	500	SVS1AM680E06E00RAXXX
	120	6.3×6	27	2,800	500	SVS1AM121E06E00RAXXX
	220	6.3×6	27	2,800	500	SVS1AM221E06E00RAXXX
	220	6.3×9	18	3,100	500	SVS1AM221E09E00RAXXX
	330	6.3×9	18	3,200	660	SVS1AM331E09E00RAXXX
	470	6.3×9	27	3,500	940	SVS1AM471E09E00RAXXX
	560	8×11.5	18	3,700	1,120	SVS1AM561FBRE00RAXXX
	560	10×12.5	18	5,200	1,120	SVS1AM561GCRE00RAXXX
	1,000	8×11.5	13	4,400	2,000	SVS1AM102FBRE00RAXXX
	1,000	10×12.5	13	4,600	2,000	SVS1AM102GCRE00RAXXX
	1,500	10×12.5	13	4,600	3,000	SVS1AM152GCRE00RAXXX
16	47	6.3×6	36	1,700	500	SVS1CM470E06E00RAXXX
	68	6.3×6	36	2,100	500	SVS1CM680E06E00RAXXX
	100	6.3×6	27	2,500	500	SVS1CM101E06E00RAXXX
	150	6.3×6	27	2,500	500	SVS1CM151E06E00RAXXX
	150	6.3×9	22	2,700	500	SVS1CM151E09E00RAXXX
	180	6.3×9	22	2,800	576	SVS1CM181E09E00RAXXX
	220	6.3×9	22	2,600	704	SVS1CM221E09E00RAXXX
	270	6.3×9	22	2,700	864	SVS1CM271E09E00RAXXX
	270	8×9.5	22	2,900	864	SVS1CM271F9RE00RAXXX
	330	6.3×9	22	2,700	1,056	SVS1CM331E09E00RAXXX
	330	8×11.5	18	4,200	1,056	SVS1CM331FBRE00RAXXX
	330	10×12.5	18	5,200	1,056	SVS1CM331GCRE00RAXXX
	560	8×11.5	18	3,600	1,792	SVS1CM561FBRE00RAXXX
	680	10×12.5	18	4,200	2,176	SVS1CM681GCRE00RAXXX
	1,000	10×12.5	18	4,300	3,200	SVS1CM102GCRE00RAXXX
25	27	6.3×6	45	1,100	500	SVS1EM270E06E00RAXXX
	47	6.3×6	45	1,800	500	SVS1EM470E06E00RAXXX
	47	6.3×9	31	2,100	500	SVS1EM470E09E00RAXXX
	56	6.3×6	45	1,800	500	SVS1EM560E06E00RAXXX
	68	6.3×6	45	1,800	500	SVS1EM680E06E00RAXXX

VS 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
25	100	6.3×6	45	2,200	500	SVS1EM101E06E00RAXXX
	100	6.3×9	27	2,500	500	SVS1EM101E09E00RAXXX
	150	6.3×9	27	2,600	750	SVS1EM151E09E00RAXXX
	220	8×11.5	27	2,700	1,100	SVS1EM221FBRE00RAXXX
	330	8×11.5	27	2,800	1,650	SVS1EM331FBRE00RAXXX
	330	10×12.5	19	2,900	1,650	SVS1EM331GCRE00RAXXX
	470	10×12.5	19	3,200	2,350	SVS1EM471GCRE00RAXXX
	560	10×12.5	19	3,400	2,800	SVS1EM561GCRE00RAXXX
	680	10×12.5	19	3,400	3,400	SVS1EM681GCRE00RAXXX

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

VD 系列/series

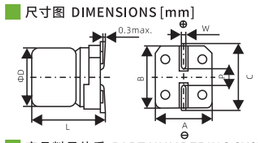
- 保证寿命: +105℃ 2,000小时
  Endurance: 2,000 hours at 105°C
- 高电压
  High voltage
- 工控，高阶计算机
  Industrial control, high computer
- 符合RoHS，无铅
  RoHS Compliant and lead-free

高分子固态贴片电容器
Conductive Polymer SMD Type Capacitor

规格表 SPECIFICATIONS

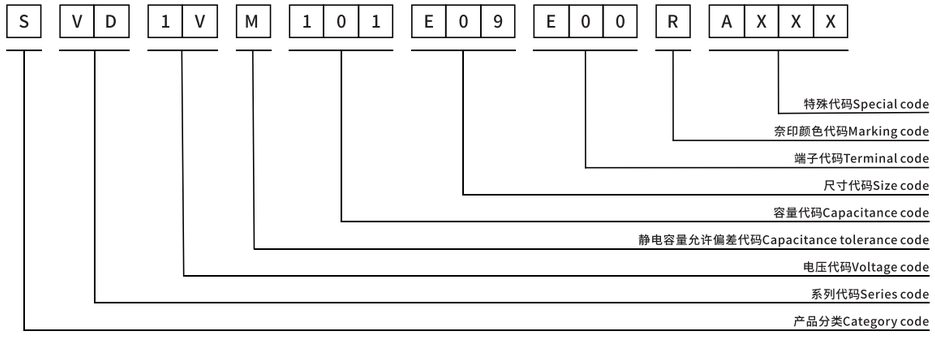
项目 Items	性能 Characteristics				
工作温度范围 Category Temperature Range	-55~+105°C				
额定电压范围 Rated Working Voltage Range	35~63Vdc				
标称电容范围 Nominal Capacitance Range	22~470μF				
静电容量允许偏差 Capacitance Tolerance	±20%(M)				(at 20°C,120Hz)
直流漏电流 DC Leakage Current	I≦0.2CV 或 500μA中的较大值 I≤0.2CV or 500μA, whichever is greater.				
	I：漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I:Max.leakage current (μA),C:Nominal capacitance (μF),V: Rated voltage (V)				(20℃，2 分钟) (at 20°C after 2 minutes)
损耗角正切值 Dissipation Factor (tanδ)	额定电压 Rated Voltage(Vdc)	35	50	63	(at 20°C,120Hz)
	损耗角正切（最大） Dissipation Factor (Max.)	0.12			
等效串联电阻 ESR(100kHz,20°C)	参阅标准品一览表 Value in the characteristics table				
温度特性 (100kHz阻抗比) Temperature Characteristic (Impedance Ratio at 100kHz)	Z(+105°C)/Z(+20°C)≤1.5 Z(-55°C)/Z(+20°C)≤2.0				
耐久性 Endurance	在105°C环境下，加载额定电压2,000小时后，进行测量时，应满足以下各项条件。 After applying rated voltage for 2,000 hours at 105°C, the capacitors shall meet the following requirements.				
	外观 Appearance	无可见损伤 No significant damage			
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value			
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value			
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value			
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value			
耐湿测试 Humidity Test	在60°C，相对湿度为90%~95%的环境中，无负荷放置1,000小时后，进行测量时，应符合上述耐久性的各项规定。 After subjecting to 90%~95% RH for 1,000 hours at 60°C without voltage applied, the capacitors shall meet the specified values for the Endurance characteristics listed above.				
浪涌测试 Surge Test	在常温下，连续施加周期性浪涌电压，通过保护电阻充电30秒及放电5分30秒，循环1,000次后进行测量时，应满足以下要求。 After subjecting to 1,000 cycles each consisting of charge with the surge voltage specified at normal temperature for 30 seconds through a protective resistor and discharge for 5 minutes 30 seconds, the capacitors shall meet the following requirements.				
	外观 Appearance	无可见损伤 No significant damage			
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value			
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value			
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value			
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value			

尺寸图 DIMENSIONS [mm]



Size Code	6.3	8.0	10.0
P±0.2	1.9	3.1	4.5
A±0.2	6.6	8.3	10.3
B±0.2	6.6	8.3	10.3
C±0.2	7.2	9.0	11.0
W	0.5~0.8	0.7~1.1	0.7~1.1
ØD'	ØD-0.1~+0.5		
L'	L±0.5		

产品料号体系 PART NUMBERING SYSTEM



VD 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
35	22	6.3×6	54	1,100	500	SVD1VM220E06E00RAXXX
	27	6.3×6	54	1,100	500	SVD1VM270E06E00RAXXX
	33	6.3×6	54	1,100	500	SVD1VM330E06E00RAXXX
	47	6.3×6	40	1,100	500	SVD1VM470E06E00RAXXX
	47	6.3×9	45	1,500	500	SVD1VM470E09E00RAXXX
	68	6.3×6	40	1,100	500	SVD1VM680E06E00RAXXX
	68	6.3×9	36	1,800	500	SVD1VM680E09E00RAXXX
	100	6.3×9	36	2,200	700	SVD1VM101E09E00RAXXX
	100	8×9.5	36	2,900	700	SVD1VM101F9RE00RAXXX
	100	8×11.5	27	3,100	700	SVD1VM101FBRE00RAXXX
	150	8×11.5	27	3,100	1,050	SVD1VM151FBRE00RAXXX
	220	8×11.5	27	2,500	1,540	SVD1VM221FBRE00RAXXX
	270	8×11.5	27	2,600	1,890	SVD1VM271FBRE00RAXXX
	270	10×12.5	27	2,800	1,890	SVD1VM271GCRE00RAXXX
	330	10×12.5	27	2,800	2,310	SVD1VM331GCRE00RAXXX
	470	10×12.5	27	3,100	3,290	SVD1VM471GCRE00RAXXX
50	68	8×11.5	27	2,100	680	SVD1HM680FBRE00RAXXX
	82	8×11.5	27	2,100	820	SVD1HM820FBRE00RAXXX
	82	10×12.5	27	2,100	820	SVD1HM820GCRE00RAXXX
	100	8×9.5	54	1,500	1,000	SVD1HM101F9RE00RAXXX
	100	8×11.5	27	2,100	1,000	SVD1HM101FBRE00RAXXX
	100	10×12.5	27	2,200	1,000	SVD1HM101GCRE00RAXXX
	120	8×11.5	27	2,100	1,200	SVD1HM121FBRE00RAXXX
	150	10×12.5	27	2,200	1,500	SVD1HM151GCRE00RAXXX
	220	10×12.5	27	2,400	2,200	SVD1HM221GCRE00RAXXX
63	47	8×9.5	54	1,000	592	SVD1JM470F9RE00RAXXX
	56	8×11.5	36	1,000	706	SVD1JM560FBRE00RAXXX
	100	10×12.5	36	1,600	1,260	SVD1JM101GCRE00RAXXX

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

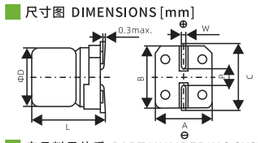
VT 系列/series

- 保证寿命: +125℃ 2,000小时
  Endurance: 2,000 hours at 125°C
- 耐高温
  High temperature
- 服务器，高阶适配器
  Server, hight adapter
- 符合RoHS，无铅
  RoHS Compliant and lead-free

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics									
工作温度范围 Category Temperature Range	-55~+125°C									
额定电压范围 Rated Working Voltage Range	2.5 ~63Vdc									
标称电容范围 Nominal Capacitance Range	22~2,200μF									
静电容量允许偏差 Capacitance Tolerance	±20%(M)									(at 20°C,120Hz)
直流漏电流 DC Leakage Current	I≦0.2CV 或 500μA中的较大值 I≤0.2CV or 500μA, whichever is greater.									
	I：漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) Where, I:Max.leakage current (μA),C:Nominal capacitance (μF),V: Rated voltage (V)									(20℃，2 分钟) (at 20°C after 2 minutes)
损耗角正切值 Dissipation Factor (tanδ)	额定电压 Rated Voltage(Vdc)	2.5	6.3	10	16	25	35	50	63	(at 20°C,120Hz)
	损耗角正切（最大） Dissipation Factor (Max.)	0.12		0.12						
等效串联电阻 ESR(100kHz,20°C)	参阅标准品一览表 Value in the characteristics table									
温度特性 (100kHz阻抗比) Temperature Characteristic (Impedance Ratio at 100kHz)	Z(+125°C)/Z(+20°C)≤1.5 Z(-55°C)/Z(+20°C)≤2.0									
耐久性 Endurance	在125°C环境下，加载额定电压2,000小时后，进行测量时，应满足以下各项条件。 After applying rated voltage for 2,000 hours at 125°C, the capacitors shall meet the following requirements.									
	外观 Appearance	无可见损伤 No significant damage								
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value								
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value								
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value								
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value								
耐湿测试 Humidity Test	在60°C，相对湿度为90%~95%的环境中，无负荷放置1,000小时后，进行测量时，应符合上述耐久性的各项规定。 After subjecting to 90%~95% RH for 1,000 hours at 60°C without voltage applied, the capacitors shall meet the specified values for the Endurance characteristics listed above.									
浪涌测试 Surge Test	在常温下，连续施加周期性浪涌电压，通过保护电阻充电30秒及放电5分30秒，循环1,000次后进行测量时，应满足以下要求。 After subjecting to 1,000 cycles each consisting of charge with the surge voltage specified at normal temperature for 30 seconds through a protective resistor and discharge for 5 minutes 30 seconds, the capacitors shall meet the following requirements.									
	外观 Appearance	无可见损伤 No significant damage								
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value								
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value								
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value								
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value								

尺寸图 DIMENSIONS [mm]



Size Code	6.3	8.0	10.0
P±0.2	1.9	3.1	4.5
A±0.2	6.6	8.3	10.3
B±0.2	6.6	8.3	10.3
C±0.2	7.2	9.0	11.0
W	0.5~0.8	0.7~1.1	0.7~1.1
ØD'	ØD-0.1~+0.5		
L'	L±0.5		

产品料号体系 PART NUMBERING SYSTEM

S V T 1 C M 2 7 1 E 0 9 E 0 0 R A X X X

- 特殊代码Special code
- 奈印颜色代码Marking code
- 端子代码Terminal code
- 尺寸代码Size code
- 容量代码Capacitance code
- 静电容量允许偏差代码Capacitance tolerance code
- 电压代码Voltage code
- 系列代码Series code
- 产品分类Category code

高分子固态贴片电容器 Conductive Polymer SMD Type Capacitor

VT 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/125℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
2.5	330	6.3×6	30	800	500	SVT0EM331E06E00RAXXX
	390	6.3×6	30	800	500	SVT0EM391E06E00RAXXX
	470	6.3×6	30	800	500	SVT0EM471E06E00RAXXX
	560	6.3×6	30	900	500	SVT0EM561E06E00RAXXX
	680	6.3×9	22	1,200	500	SVT0EM681E09E00RAXXX
6. 3	220	6.3×6	30	800	500	SVT0JM221E06E00RAXXX
	270	6.3×6	30	900	500	SVT0JM271E06E00RAXXX
	330	6.3×6	30	900	500	SVT0JM331E06E00RAXXX
	470	6.3×9	22	1,000	592	SVT0JM471E09E00RAXXX
	560	6.3×9	22	1,100	706	SVT0JM561E09E00RAXXX
	1,000	8×11.5	22	1,200	1,260	SVT0JM102FBRE00RAXXX
	1,500	8×11.5	22	1,300	1,890	SVT0JM152FBRE00RAXXX
	2,200	10×12.5	22	1,600	2,772	SVT0JM222GCRE00RAXXX
10	120	6.3×6	45	800	500	SVT1AM121E06E00RAXXX
	220	6.3×6	45	800	500	SVT1AM221E06E00RAXXX
	220	6.3×9	30	900	500	SVT1AM221E09E00RAXXX
	330	6.3×9	30	900	660	SVT1AM331E09E00RAXXX
	560	8×11.5	30	1,000	1,120	SVT1AM561FBRE00RAXXX
	560	10×12.5	30	1,500	1,120	SVT1AM561GCRE00RAXXX
	1,000	8×11.5	22	1,200	2,000	SVT1AM102FBRE00RAXXX
	1,000	10×12.5	22	1,300	2,000	SVT1AM102GCRE00RAXXX
	1,500	10×12.5	22	1,300	3,000	SVT1AM152GCRE00RAXXX
16	47	6.3×6	60	500	500	SVT1CM470E06E00RAXXX
	68	6.3×6	60	600	500	SVT1CM680E06E00RAXXX
	100	6.3×6	45	700	500	SVT1CM101E06E00RAXXX
	150	6.3×6	45	700	500	SVT1CM151E06E00RAXXX
	150	6.3×9	37	700	500	SVT1CM151E09E00RAXXX
	180	6.3×9	37	800	576	SVT1CM181E09E00RAXXX
	220	6.3×9	37	700	704	SVT1CM221E09E00RAXXX
	270	6.3×9	37	700	864	SVT1CM271E09E00RAXXX
	560	8×11.5	30	1,000	1,792	SVT1CM561FBRE00RAXXX
	680	10×12.5	30	1,200	2,176	SVT1CM681GCRE00RAXXX
	1,000	10×12.5	30	1,200	3,200	SVT1CM102GCRE00RAXXX
25	27	6.3×6	75	300	500	SVT1EM270E06E00RAXXX
	47	6.3×6	75	500	500	SVT1EM470E06E00RAXXX
	47	6.3×9	52	600	500	SVT1EM470E09E00RAXXX
	56	6.3×6	75	500	500	SVT1EM560E06E00RAXXX
	100	6.3×6	75	600	500	SVT1EM101E06E00RAXXX
	100	6.3×9	45	700	500	SVT1EM101E09E00RAXXX
	150	6.3×9	45	700	750	SVT1EM151E09E00RAXXX
	220	8×11.5	45	700	1,100	SVT1EM221FBRE00RAXXX
	330	8×11.5	45	800	1,650	SVT1EM331FBRE00RAXXX
	330	10×12.5	33	800	1,650	SVT1EM331GCRE00RAXXX
	470	10×12.5	33	900	2,350	SVT1EM471GCRE00RAXXX

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

VT 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20℃,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/125℃,100kHz)	最大漏电流 Leakage Current (μA)(max)	料号 Part Number
35	22	6.3×6	90	300	500	SVT1VM220E06E00RAXXX
	27	6.3×6	90	300	500	SVT1VM270E06E00RAXXX
	33	6.3×6	90	300	500	SVT1VM330E06E00RAXXX
	47	6.3×6	67	300	500	SVT1VM470E06E00RAXXX
	47	6.3×9	75	400	500	SVT1VM470E09E00RAXXX
	68	6.3×9	60	500	500	SVT1VM680E09E00RAXXX
	100	6.3×9	60	600	700	SVT1VM101E09E00RAXXX
	100	8×11.5	45	900	700	SVT1VM101FBRE00RAXXX
	150	8×11.5	45	900	1,050	SVT1VM151FBRE00RAXXX
	220	8×11.5	45	700	1,540	SVT1VM221FBRE00RAXXX
	270	8×11.5	45	700	1,890	SVT1VM271FBRE00RAXXX
	270	10×12.5	45	800	1,890	SVT1VM271GCRE00RAXXX
	330	10×12.5	45	800	2,310	SVT1VM331GCRE00RAXXX
	470	10×12.5	45	900	3,290	SVT1VM471GCRE00RAXXX
50	82	10×12.5	45	600	820	SVT1HM820GCRE00RAXXX
	100	8×11.5	45	600	1,000	SVT1HM101FBRE00RAXXX
	220	10×16.5	45	600	2,200	SVT1HM221GGRE00RAXXX
63	56	8×11.5	60	400	706	SVT1JM560FBRE00RAXXX
	100	10×12.5	60	400	1,260	SVT1JM101GCRE00RAXXX

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

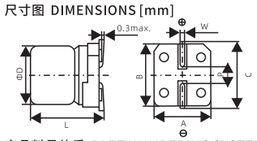
VL 系列/series

- 保证寿命：+105℃ 10,000~23,000小时
  Endurance: 10,000~23,000 hours at 105°C
- 超长寿命
  Super long life
- 工业电源，5G基站，工控，服务器
  Industrial power supply,5G base station, industrial control, server
- 符合RoHS，无铅
  RoHS Compliant and lead-free

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics						
工作温度范围 Category Temperature Range	-55~+105°C						
额定电压范围 Rated Working Voltage Range	2.5~16Vdc						
标称电容范围 Nominal Capacitance Range	100~560μF						
静电容量允许偏差 Capacitance Tolerance	±20%(M)						(at 20°C,120Hz)
直流漏电流 DC Leakage Current	I≦0.2CV 或 500μA中的较大值 I≤0.2CV or 500μA, whichever is greater.						
	I：漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I:Max.leakage current (μA),C:Nominal capacitance (μF),V: Rated voltage (V)						(20°C，2 分钟) (at 20°C after 2 minutes)
损耗角正切值 Dissipation Factor (tanδ)	额定电压 Rated Voltage(Vdc)	2.5	4	6.3	10	16	(at 20°C,120Hz)
	损耗角正切 (最大) Dissipation Factor (Max.)	0.08			0.12		
等效串联电阻 ESR(100kHz,20°C)	参阅标准品一览表 Value in the characteristics table						
温度特性 (100kHz阻抗比) Temperature Characteristic (Impedance Ratio at 100kHz)	Z(+105°C)/Z(+20°C)≤1.5 Z(-55°C)/Z(+20°C)≤2.0						
耐久性 Endurance	在105°C环境下，加载额定电压10,000~23,000小时后，进行测量时，应满足以下各项条件。 After applying rated voltage for 10,000~23,000 hours at 105°C, the capacitors shall meet the following requirements.						
	外观 Appearance	无可见损伤 No significant damage					
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value					
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value					
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value					
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value					
耐湿测试 Humidity Test	在60°C，相对湿度为90%~95%的环境中，无负荷放置1,000小时后，进行测量时，应符合上述耐久性的各项规定。 After subjecting to 90%~95% RH for 1,000 hours at 60°C without voltage applied, the capacitors shall meet the specified values for the Endurance characteristics listed above.						
浪涌测试 Surge Test	在常温下，连续施加周期性浪涌电压，通过保护电阻充电30秒及放电5分30秒，循环1,000次后进行测量时，应满足以下要求。 After subjecting to 1,000 cycles each consisting of charge with the surge voltage specified at normal temperature for 30 seconds through a protective resistor and discharge for 5 minutes 30 seconds, the capacitors shall meet the following requirements.						
	外观 Appearance	无可见损伤 No significant damage					
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value					
	损耗角正切 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value					
	等效串联电阻 ESR	≤初始规格值的150% ≤150% of the initial specified value					
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value					

尺寸图 DIMENSIONS [mm]



Size Code	6.3	8.0	10.0
P±0.2	1.9	3.1	4.5
A±0.2	6.6	8.3	10.3
B±0.2	6.6	8.3	10.3
C±0.2	7.2	9.0	11.0
W	0.5~0.8	0.7~1.1	0.7~1.1
ØD'	ØD-0.1~+0.5		
L'	L±0.5		

产品料号体系 PART NUMBERING SYSTEM

S	V	L	1	C	M	2	2	1	F	8	R	E	0	0	R	A	X	X	X

- 特殊代码Special code
- 奈印颜色代码Marking code
- 端子代码Terminal code
- 尺寸代码Size code
- 容量代码Capacitance code
- 静电容量允许偏差代码Capacitance tolerance code
- 电压代码Voltage code
- 系列代码Series code
- 产品分类Category code

VL 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	等效串联电阻 ESR (mΩ,20°C,100kHz) (max)	额定纹波电流 Rated Ripple Current (mArms/105°C,100kHz)	最大漏电流 Leakage Current (μA)(max)	寿命 Load (hour)	料号 Part Number
2. 5	560	6.3×6	25	2,000	500	23,000	SVL0EM561E06E00RS233
4	560	8×6.5	20	4,000	500	10,000	SVL0GM561F6RE00RS103
6.3	330	6.3×6	15	3,000	500	10,000	SVL0JM331E06E00RS103
	330	6.3×6	25	2,800	500	23,000	SVL0JM331E06E00RS233
10	330	8×11.5	17	4,500	660	10,000	SVL1AM331FBRE00RS103
16	100	6.3×6	24	4,400	500	10,000	SVL1CM101E06E00RS103
	100	6.3×6	24	4,400	500	16,000	SVL1CM101E06E00RS163
	100	6.3×6	48	2,000	500	23,000	SVL1CM101E06E00RS233
	220	8×8.5	28	3,890	704	18,000	SVL1CM221F8RE00RS183
	220	8×9.5	20	3,890	704	10,000	SVL1CM221F9RE00RS103
	560	8×11.5	18	2,500	1,792	16,000	SVL1CM561FBRE00RS163

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

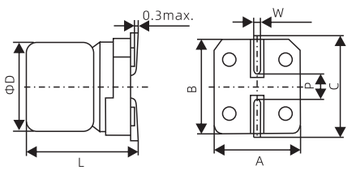
SC 系列/series

- 保证寿命: +105 ℃ 10,000 小时
  Endurance: 10,000 hours at 105°C
- 低ESR, 高纹波
  Low ESR, high ripple current
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

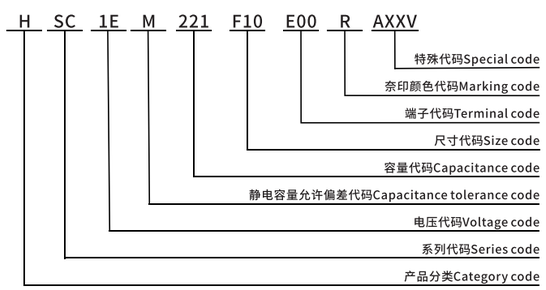
项目 Items	性能 Characteristics	
工作温度范围 Category Temperature Range	-55 to +105°C	
额定电压范围 Rated Working Voltage Range	16 to 63Vdc	
标称电容范围 Nominal Capacitance Range	22~820μF	
静电容量允许偏差 Capacitance Tolerance	±20%(M)	(at 20°C,120Hz)
漏电流 Leakage Current	LC=0.01CV或3(μA) 中的较大值 LC=0.01CV or 3(μA), whichever is greater	(20°C, 2 分钟) (20°C, 2 minutes)
	I: 最大漏电流 (μA), C : 静电容量 (μF), V : 额定电压 (V) I: Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	
损耗角正切值 Dissipation Factor (tan δ)	参阅标准品一览表 Value in the characteristics table	
温度特性 (100kHz阻抗比) Temperature Characteristics (Impedance Ratio at 100kHz)	Z (+105°C) / Z (+20°C) ≦1.5 Z (-55°C) / Z (+20°C) ≦2.0	
耐久性 Endurance	在105℃±2℃环境中, 不超过额定电压的范围内叠加额定纹波电流, 连续加载10,000h后, 恢复至常温后进行测量时, 应满足以下各项要求。 After applying rated working voltage with rated ripple current for 10,000 hours at 105℃±2℃, the capacitors shall meet the following requirements after recovery from heat.	
	外观 Appearance	无可见损伤 No significant damage
	静电容量变化率 Capacitance Change	≤初始值±30% ≤±30% of the initial Value
	损耗角正切 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	等效串联电阻 ESR	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value
高温无负载 High Temperature (No-Load)	在105℃±2℃情况下, 电容施加连续无负载放置1,000h, 恢复至常温后进行测量时, 应符合上述耐久性的各项规定。 The requirements for the Endurance characteristics listed above shall be satisfied when the capacitors are recovered from heat after storing them for 1,000 hours under continuous no-load at 105℃±2℃.	
耐湿负荷 Humidity Resistance(On-Load)	在85℃±2℃, 相对湿度为85~90%的环境中, 对电容施加额定电压1,000h后进行测量时, 应满足以下要求。 After applying rated voltage for 1,000 hours at 85℃±2°C and 85~90%RH, the capacitors shall meet the following requirements.	
	外观 Appearance	无可见损伤 No significant damage
	静电容量变化率 Capacitance Change	≤初始值±30% ≤±30% of the initial Value
	损耗角正切 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	等效串联电阻 ESR	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value

尺寸图 DIMENSIONS [mm]



尺寸代码 Size code	ΦD'	L'	A, B±0.2	C±0.2	W	P±0.2
E06	6.3	6.0±0.3	6.6	7.2	0.65±0.15	1.9
E7C	6.3	7.7±0.3	6.6	7.2	0.65±0.15	1.9
F10	8.0	10.0±0.5	8.3	9.0	0.9±0.2	3.1
GAR	10.0	10.5±0.5	10.3	11.0	0.9±0.2	4.5
GCR	10.0	12.5±0.5	10.3	11.0	0.9±0.2	4.5
GGR	10.0	16.5±0.5	10.3	11.0	0.9±0.2	4.5

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率(Hz) Frequency(Hz)	120≤f<1k	1k≤f<10k	10k≤f<100k	100k≤f<300k
系数 Coefficient	0.05	0.30	0.70	1.00

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

SC 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ (@120Hz)	等效串联电阻 ESR (mΩ@100kHz)	额定纹波电流 Rated Ripple Current (mA@100kHz)	料号 Part Number
16	100	6.3x6	0.12	50	1,300	HSC1CM101E06E00RAXXX
25	56	6.3x6	0.12	50	1,300	HSC1EM560E06E00RAXXX
	100	6.3x7.7	0.12	30	2,000	HSC1EM101E7CE00RAXXX
	220	8x10	0.12	27	2,300	HSC1EM221F10E00RAXXX
	470	10x10.5	0.12	20	2,500	HSC1EM471GARE00RAXXX
	560	10x12.5	0.12	20	3,500	HSC1EM561GCRE00RAXXX
	820	10x16.5	0.12	15	4,000	HSC1EM821GGRE00RAXXX
35	47	6.3x6	0.10	60	1,300	HSC1VM470E06E00RAXXX
	68	6.3x7.7	0.10	35	2,000	HSC1VM680E7CE00RAXXX
	150	8x10	0.10	27	2,300	HSC1VM151F10E00RAXXX
	270	10x10.5	0.10	20	2,500	HSC1VM271GARE00RAXXX
	330	10x12.5	0.10	20	3,000	HSC1VM331GCRE00RAXXX
	470	10x16.5	0.10	11	3,600	HSC1VM471GGRE00RAXXX
50	33	6.3x7.7	0.10	40	1,400	HSC1HM330E7CE00RAXXX
	68	8x10	0.10	30	1,800	HSC1HM680F10E00RAXXX
	100	10x10.5	0.10	28	2,000	HSC1HM101GARE00RAXXX
	150	10x12.5	0.10	20	2,800	HSC1HM151GCRE00RAXXX
	220	10x16.5	0.10	18	3,500	HSC1HM221GGRE00RAXXX
63	22	6.3x7.7	0.08	80	1,500	HSC1JM220E7CE00RAXXX
	47	8x10	0.08	30	1,700	HSC1JM470F10E00RAXXX
	82	10x10.5	0.08	30	1,800	HSC1JM820GARE00RAXXX
	100	10x12.5	0.08	20	2,500	HSC1JM101GCRE00RAXXX
	150	10x16.5	0.08	15	3,200	HSC1JM151GGRE00RAXXX

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

高分子固液混合
贴片电容器
SMD Type Capacitor

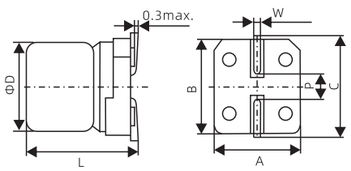
SA 系列/series

- 保证寿命：+125 ℃ 4,000 小时
  Endurance:4,000 hours at 125 ℃
- 符合RoHS
  RoHS Compliant
- 低ESR，耐高温
  Low ESR, high temperature

规格表 SPECIFICATIONS

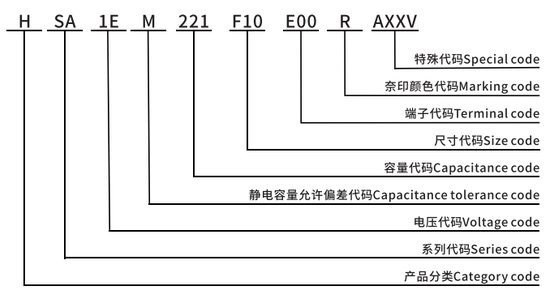
项目 Items	性能 Characteristics	
工作温度范围 Category Temperature Range	-55 to +125℃	
额定电压范围 Rated Working Voltage Range	16 to 63Vdc	
标称电容范围 Nominal Capacitance Range	22~1,000μF	
静电容量允许偏差 Capacitance Tolerance	±20%(M)	(at 20℃,120Hz)
漏电流 Leakage Current	LC=0.01CV或3(μA) 中的较大值 LC=0.01CV or 3(μA), whichever is greater	(20℃, 2 分钟) (20℃, 2 minutes)
	I: 最大漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) I: Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	
损耗角正切值 Dissipation Factor (tan δ)	参阅标准品一览表 Value in the characteristics table	
温度特性 (100kHz阻抗比) Temperature Characteristics (Impedance Ratio at 100kHz)	Z (+125°C) / Z (+20°C) ≦1.5 Z (-55°C) / Z (+20°C) ≦2.0	
耐久性 Endurance	在125℃±2℃环境中，不超过额定电压的范围内叠加额定纹波电流，连续加载4,000h后，恢复至常温后进行测量时，应满足以下各项要求。 After applying rated working voltage with rated ripple current for 4,000 hours at 125℃±2℃, the capacitors shall meet the following requirements after recovery from heat.	
	外观 Appearance	无可见损伤 No significant damage
	静电容量变化率 Capacitance Change	≤初始值±30% ≤±30% of the initial Value
	损耗角正切 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	等效串联电阻 ESR	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value
高温无负载 High Temperature (No-Load)	在125℃±2℃情况下，电容施加连续无负载放置1,000h，恢复至常温后进行测量时，应符合上述耐久性的各项规定。 The requirements for the Endurance characteristics listed above shall be satisfied when the capacitors are recovered from heat after storing them for 1,000 hours under continuous no-load at 125℃±2℃.	
耐湿负荷 Humidity Resistance(On-Load)	在85℃±2℃，相对湿度为85~90%的环境中，对电容施加额定电压1,000h后进行测量时，应满足以下要求。 After applying rated voltage for 1,000 hours at 85℃±2℃ and 85~90%RH, the capacitors shall meet the following requirements.	
	外观 Appearance	无可见损伤 No significant damage
	静电容量变化率 Capacitance Change	≤初始值±30% ≤±30% of the initial Value
	损耗角正切 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	等效串联电阻 ESR	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value

尺寸图 DIMENSIONS [mm]



尺寸代码 Size code	ΦD'	L'	A, B±0.2	C±0.2	W	P±0.2
E06	6.3	6.0±0.3	6.6	7.2	0.65±0.15	1.9
E7C	6.3	7.7±0.3	6.6	7.2	0.65±0.15	1.9
F10	8.0	10.0±0.5	8.3	9.0	0.9±0.2	3.1
GAR	10.0	10.5±0.5	10.3	11.0	0.9±0.2	4.5
GCR	10.0	12.5±0.5	10.3	11.0	0.9±0.2	4.5
GGR	10.0	16.5±0.5	10.3	11.0	0.9±0.2	4.5

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率(Hz) Frequency(Hz)	120≤f<1k	1k≤f<10k	10k≤f<100k	100k≤f<300k
系数 Coefficient	0.05	0.30	0.70	1.00

SA 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ (@120Hz)	等效串联电阻 ESR (mΩ@100kHz)	额定纹波电流 Rated Ripple Current (mA@100kHz)	料号 Part Number
16	100	6.3x6	0.12	50	900	HSA1CM101E06E00RAXXX
	150	6.3x6	0.12	45	1,080	HSA1CM151E06E00RAXXX
25	56	6.3x6	0.12	50	900	HSA1EM560E06E00RAXXX
	100	6.3x6	0.12	45	1,300	HSA1EM101E06E00RAXXX
	100	6.3x7.7	0.12	30	1,400	HSA1EM101E7CE00RAXXX
	150	6.3x7.7	0.12	25	1,800	HSA1EM151E7CE00RAXXX
	220	8x10	0.12	27	1,600	HSA1EM221F10E00RAXXX
	330	8x10	0.12	22	2,000	HSA1EM331F10E00RAXXX
	470	10x10.5	0.12	20	2,000	HSA1EM471GARE00RAXXX
	560	10x10.5	0.12	18	2,800	HSA1EM561GARE00RAXXX
	560	10x12.5	0.12	16	2,900	HSA1EM561GCRE00RAXXX
	680	10x12.5	0.12	15	3,000	HSA1EM681GCRE00RAXXX
	820	10x16.5	0.12	14	3,500	HSA1EM821GGRE00RAXXX
	1,000	10x16.5	0.12	13	4,000	HSA1EM102GGRE00RAXXX
35	47	6.3x6	0.1	60	900	HSA1VM470E06E00RAXXX
	68	6.3x6	0.1	50	1,200	HSA1VM680E06E00RAXXX
	68	6.3x7.7	0.1	35	1,400	HSA1VM680E7CE00RAXXX
	100	6.3x7.7	0.1	30	1,700	HSA1VM101E7CE00RAXXX
	150	8x10	0.1	27	1,600	HSA1VM151F10E00RAXXX
	220	8x10	0.1	22	2,000	HSA1VM221F10E00RAXXX
	270	10x10.5	0.1	20	2,000	HSA1VM271GARE00RAXXX
	330	10x10.5	0.1	18	2,800	HSA1VM331GARE00RAXXX
	330	10x12.5	0.1	17	2,800	HSA1VM331GCRE00RAXXX
	390	10x12.5	0.1	16	3,500	HSA1VM391GCRE00RAXXX
	470	10x16.5	0.1	14	3,700	HSA1VM471GGRE00RAXXX
	560	10x16.5	0.1	13	3,800	HSA1VM561GGRE00RAXXX
50	33	6.3x7.7	0.1	40	1,100	HSA1HM330E7CE00RAXXX
	68	8x10	0.1	30	1,250	HSA1HM680F10E00RAXXX
	82	8x10	0.1	25	1,500	HSA1HM820F10E00RAXXX
	100	10x10.5	0.1	25	1,600	HSA1HM101GARE00RAXXX
	150	10x10.5	0.1	20	2,000	HSA1HM151GARE00RAXXX
	150	10x12.5	0.1	19	2,250	HSA1HM151GCRE00RAXXX
	180	10x12.5	0.1	17	2,700	HSA1HM181GCRE00RAXXX
	220	10x16.5	0.1	16	3,000	HSA1HM221GGRE00RAXXX
	330	10x16.5	0.1	15	3,600	HSA1HM331GGRE00RAXXX
63	22	6.3x7.7	0.08	80	900	HSA1JM220E7CE00RAXXX
	47	8x10	0.08	30	1,100	HSA1JM470F10E00RAXXX
	56	8x10	0.08	27	1,300	HSA1JM560F10E00RAXXX
	82	10x10.5	0.08	27	1,400	HSA1JM820GARE00RAXXX
	100	10x10.5	0.08	25	2,000	HSA1JM101GARE00RAXXX
	100	10x12.5	0.08	22	2,100	HSA1JM101GCRE00RAXXX
	120	10x12.5	0.08	19	2,500	HSA1JM121GCRE00RAXXX
	150	10x16.5	0.08	16	2,800	HSA1JM151GGRE00RAXXX
	180	10x16.5	0.08	15	3,200	HSA1JM181GGRE00RAXXX

高分子固液混合
贴片电容器
Conductive Polymer Hybrid
SMD Type Capacitor

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

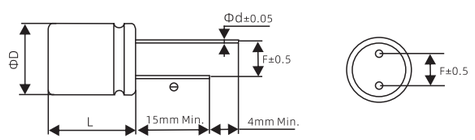
DC 系列/series

- 保证寿命: +105 ℃ 1,0000 小时
  Endurance:10,000 hours at 105 ℃
- 符合RoHS
  RoHS Compliant
- 低ESR,高纹波
  Low ESR, high ripple current

规格表 SPECIFICATIONS

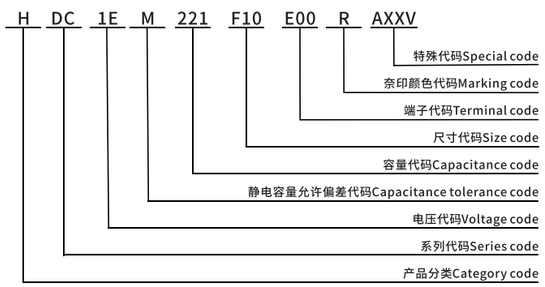
项目 Items	性能 Characteristics	
工作温度范围 Category Temperature Range	-55 to +105℃	
额定电压范围 Rated Working Voltage Range	25 to 63Vdc	
标称电容范围 Nominal Capacitance Range	47~820μF	
静电容量允许偏差 Capacitance Tolerance	±20%(M)	(at 20°C,120Hz)
漏电流 Leakage Current	LC=0.01CV或3(μA) 中的较大值 LC=0.01CV or 3(μA), whichever is greater	(20℃,2 分钟) (20°C, 2 minutes)
	I: 最大漏电流 (μA), C : 静电容量 (μF), V : 额定电压 (V) I: Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	
损耗角正切值 Dissipation Factor (tan δ)	参阅标准品一览表 Value in the characteristics table	
温度特性 (100kHz阻抗比) Temperature Characteristics (Impedance Ratio at 100kHz)	Z (+105°C) / Z (+20°C) ≦1.5 Z (-55°C) / Z (+20°C) ≦2.0	
耐久性 Endurance	在105℃±2℃环境中,不超过额定电压的范围内叠加额定纹波电流,连续加载10,000h后,恢复至常温后进行测量时,应满足以下各项要求。 After applying rated working voltage with rated ripple current for 10,000 hours at 105℃±2℃, the capacitors shall meet the following requirements after recovery from heat.	
	外观 Appearance	无可见损伤 No significant damage
	静电容量变化率 Capacitance Change	≤初始值±30% ≤±30% of the initial Value
	损耗角正切 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	等效串联电阻 ESR	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value
高温无负载 High Temperature (No-Load)	在105℃±2℃情况下,电容施加连续无负载放置1,000h,恢复至常温后进行测量时,应符合上述耐久性的各项规定。 The requirements for the Endurance characteristics listed above shall be satisfied when the capacitors are recovered from heat after storing them for 1,000 hours under continuous no-load at 105℃±2℃.	
耐湿负荷 Humidity Resistance(On-Load)	在85℃±2℃,相对湿度为85~90%的环境中,对电容施加额定电压1,000h后进行测量时,应满足以下要求。 After applying rated voltage for 1,000 hours at 85°C±2°C and 85~90%RH, the capacitors shall meet the following requirements.	
	外观 Appearance	无可见损伤 No significant damage
	静电容量变化率 Capacitance Change	≤初始值±30% ≤±30% of the initial Value
	损耗角正切 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	等效串联电阻 ESR	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value

尺寸图 DIMENSIONS [mm]



尺寸代码 Size code	ϕD'	L±0.5	d±0.05	F±0.5
F9R	8.0	9.5	0.6	3.5
G9R	10.0	9.5	0.6	5.0
G12	10.0	12.0	0.6	5.0
G16	10.0	16.0	0.6	5.0

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率(Hz) Frequency(Hz)	120≤f<1k	1k≤f<10k	10k≤f<100k	100k≤f<300k
系数 Coefficient	0.05	0.30	0.70	1.00

DC 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ (@120Hz)	等效串联电阻 ESR (mΩ@100kHz)	额定纹波电流 Rated Ripple Current (mA@100kHz)	料号 Part Number
25	220	8x9.5	0.12	27	2,300	HDC1EM221F9RO00RAXXX
	470	10x9.5	0.12	20	2,500	HDC1EM471G9RO00RAXXX
	560	10x12	0.12	18	3,500	HDC1EM561G12O00RAXXX
	820	10x16	0.12	15	4,000	HDC1EM821G16O00RAXXX
35	150	8x9.5	0.10	27	2,300	HDC1VM151F9RO00RAXXX
	270	10x9.5	0.10	20	2,500	HDC1VM271G9RO00RAXXX
	330	10x12	0.10	15	3,000	HDC1VM331G12O00RAXXX
	470	10x16	0.10	15	3,600	HDC1VM471G16O00RAXXX
50	68	8x9.5	0.10	30	1,800	HDC1HM680F9RO00RAXXX
	100	10x9.5	0.10	28	2,000	HDC1HM101G9RO00RAXXX
	150	10x12	0.10	20	2,800	HDC1HM151G12O00RAXXX
	220	10x16	0.10	18	3,500	HDC1HM221G16O00RAXXX
63	47	8x9.5	0.08	40	1,700	HDC1JM470F9RO00RAXXX
	82	10x9.5	0.08	30	1,800	HDC1JM820G9RO00RAXXX
	100	10x12	0.08	19	2,500	HDC1JM101G12O00RAXXX
	150	10x16	0.08	19	3,200	HDC1JM151G16O00RAXXX

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

高分子固液混合
引线电容器
Conductive Polymer Hybrid
Radial Type Capacitor

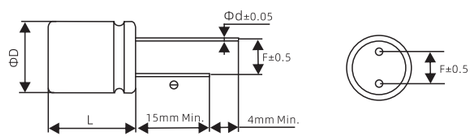
DA 系列/series

- 保证寿命: +125 ℃ 4,000 小时
  Endurance:4,000 hours at 125 ℃
- 符合RoHS
  RoHS Compliant
- 低ESR，高纹波
  Low ESR, high ripple current

规格表 SPECIFICATIONS

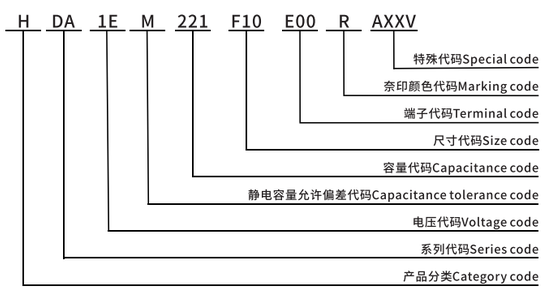
项目 Items	性能 Characteristics	
工作温度范围 Category Temperature Range	-55 to +125℃	
额定电压范围 Rated Working Voltage Range	25 to 63Vdc	
标称电容范围 Nominal Capacitance Range	47~1,000μF	
静电容量允许偏差 Capacitance Tolerance	±20%(M)	(at 20°C,120Hz)
漏电流 Leakage Current	LC=0.01CV或3(μA) 中的较大值 LC=0.01CV or 3(μA), whichever is greater	(20°C，2 分钟) (20°C, 2 minutes)
	I: 最大漏电流 (μA), C : 静电容量 (μF), V : 额定电压 (V) I: Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	
损耗角正切值 Dissipation Factor (tanδ)	参阅标准品一览表 Value in the characteristics table	
温度特性 (阻抗比) 100kHz Temperature Characteristics (Impedance Ratio at 100kHz)	Z (+125°C) / Z (+20°C) ≦1.5 Z (-55°C) / Z (+20°C) ≦2.0	
耐久性 Endurance	在125℃±2℃环境中，不超过额定电压的范围内叠加额定纹波电流，连续加载4,000h后，恢复至常温后进行测量时，应满足以下各项要求。 After applying rated working voltage with rated ripple current for 4,000 hours at 125℃±2℃, the capacitors shall meet the following requirements after recovery from heat.	
	外观 Appearance	无可见损伤 No significant damage
	静电容量变化率 Capacitance Change	≤初始值±30% ≤±30% of the initial Value
	损耗角正切 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	等效串联电阻 ESR	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value
高温无负载 High Temperature (No-Load)	在125℃±2℃情况下，电容施加连续无负载放置1,000h，恢复至常温后进行测量时，应符合上述耐久性的各项规定。 The requirements for the Endurance characteristics listed above shall be satisfied when the capacitors are recovered from heat after storing them for 1,000 hours under continuous no-load at 125℃±2℃.	
耐湿负荷 Humidity Resistance(On-Load)	在85℃±2℃，相对湿度为85~90%的环境中，对电容施加额定电压1,000h后进行测量时，应满足以下要求。 After applying rated voltage for 1,000 hours at 85℃±2℃ and 85~90%RH, the capacitors shall meet the following requirements.	
	外观 Appearance	无可见损伤 No significant damage
	静电容量变化率 Capacitance Change	≤初始值±30% ≤±30% of the initial Value
	损耗角正切 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	等效串联电阻 ESR	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value

尺寸图 DIMENSIONS [mm]



尺寸代码 Size code	φD'	L±0.5	d±0.05	F±0.5
F9R	8.0	9.5	0.6	3.5
G9R	10.0	9.5	0.6	5.0
G12	10.0	12.0	0.6	5.0
G16	10.0	16.0	0.6	5.0

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率(Hz) Frequency(Hz)	120≤f<1k	1k≤f<10k	10k≤f<100k	100k≤f<300k
系数 Coefficient	0.05	0.30	0.70	1.00

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

DA 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ (@120Hz)	等效串联电阻 ESR (mΩ@100kHz)	额定纹波电流 Rated Ripple Current (mA@100kHz)	料号 Part Number
25	220	8x9.5	0.12	27	1,600	HDA1EM221F9RO00RAXXX
	330	8x9.5	0.12	22	2,000	HDA1EM331F9RO00RAXXX
	470	10x9.5	0.12	20	2,000	HDA1EM471G9RO00RAXXX
	560	10x9.5	0.12	18	2,800	HDA1EM561G9RO00RAXXX
	560	10x12	0.12	16	2,900	HDA1EM561G12O00RAXXX
	680	10x12	0.12	15	3,000	HDA1EM681G12O00RAXXX
	820	10x16	0.12	14	3,500	HDA1EM821G16O00RAXXX
	1,000	10x16	0.12	13	4,000	HDA1EM102G16O00RAXXX
35	150	8x9.5	0.1	27	1,600	HDA1VM151F9RO00RAXXX
	220	8x9.5	0.1	22	2,000	HDA1VM221F9RO00RAXXX
	270	10x9.5	0.1	20	2,000	HDA1VM271G9RO00RAXXX
	330	10x9.5	0.1	18	2,800	HDA1VM331G9RO00RAXXX
	330	10x12	0.1	17	2,800	HDA1VM331G12O00RAXXX
	390	10x12	0.1	16	3,500	HDA1VM391G12O00RAXXX
	470	10x16	0.1	14	3,600	HDA1VM471G16O00RAXXX
	560	10x16	0.1	13	3,800	HDA1VM561G16O00RAXXX
50	68	8x9.5	0.1	30	1,250	HDA1HM680F9RO00RAXXX
	82	8x9.5	0.1	25	1,500	HDA1HM820F9RO00RAXXX
	100	10x9.5	0.1	25	1,600	HDA1HM101G9RO00RAXXX
	150	10x9.5	0.1	20	2,000	HDA1HM151G9RO00RAXXX
	150	10x12	0.1	19	2,250	HDA1HM151G12O00RAXXX
	180	10x12	0.1	17	2,700	HDA1HM181G12O00RAXXX
	220	10x16	0.1	16	3,000	HDA1HM221G16O00RAXXX
	330	10x16	0.1	15	3,600	HDA1HM331G16O00RAXXX
63	47	8x9.5	0.08	30	1,100	HDA1JM470F9RO00RAXXX
	56	8x9.5	0.08	25	1,300	HDA1JM560F9RO00RAXXX
	82	10x9.5	0.08	27	1,400	HDA1JM820G9RO00RAXXX
	100	10x9.5	0.08	25	2,000	HDA1JM101G9RO00RAXXX
	100	10x12	0.08	22	2,100	HDA1JM101G12O00RAXXX
	120	10x12	0.08	19	2,500	HDA1JM121G12O00RAXXX
	150	10x16	0.08	16	2,800	HDA1JM151G16O00RAXXX
	180	10x16	0.08	15	3,200	HDA1JM181G16O00RAXXX

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

高分子固态混合引线电容器
Conductive Polymer Hybrid Radial Type Capacitor

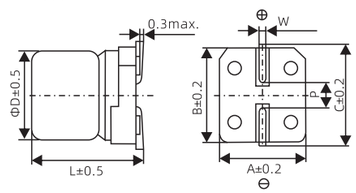
MK 系列/series

- 保证寿命:+105℃ 2,000小时
  Endurance: 2,000 hours at 105℃
- 通用品
  General product
- 适合高密度贴片安装
  Designed for surface mounting on high density PC board
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

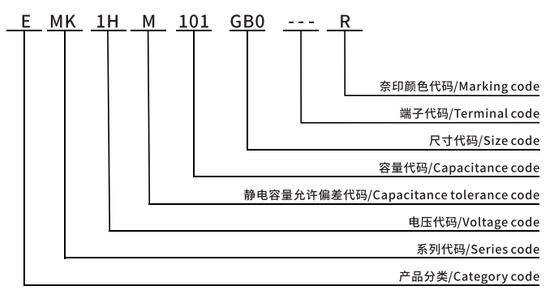
项目 Items	性能 Characteristics								
工作温度范围 Category Temperature Range	-55 ~ +105℃								
额定电压范围 Rated Working Voltage Range	6.3 ~ 100 Vdc								
静电容量允许偏差 Capacitance Tolerance	±20%(M)								(at 20°C,120Hz)
漏电流 Leakage Current	6.3 ~ 100 Vdc								(at 20°C)
	I≦0.01CV 或 3μA中的较大值(2分钟) I≦0.01CV or 3μA, whichever is greater (2 minutes)								
	I: 最大漏电流 (μA), C : 静电容量 (μF), V : 额定电压 (V) I: Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)								
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)		6.3	10	16	25	35	50~100	(at 20°C,120Hz)
	损耗角正切值(最大) Dissipation Factor(Max.)	D80 ~ E83	0.30	0.24	0.20	0.16	0.14	0.12	
		FB0 ~ WG5	0.40	0.30	0.26	0.16	0.14	0.12	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)		6.3	10	16	25	35	50~100	
	Z(-25℃)/Z(+20℃)		4	3	2	2	2	2	
	Z(-40℃)/Z(+20℃)		6	4	3	3	3	3	
	Z(-55℃)/Z(+20℃)		8	6	4	3	3	3	
耐久性 Endurance	在105℃环境中,连续加载规定时间的额定电压后,待温度恢复到20℃进行测量时,应满足以下要求。 The specifications listed below shall be satisfied when the capacitors are restored to 20℃ after rated voltage is applied for a specified period of time at 105℃.								
	寿命 Load Life	2,000小时 2,000 hours							
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value							
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value							
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value							
高温贮存 Shelf Life	在105℃环境中,无负荷放置500 小时后,待温度恢复到20℃进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after leaving them under no load at 105℃ for 500 hours								
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value							
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value							
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value							

尺寸图 DIMENSIONS [mm]



尺寸代码 Size code	D	L	A	B	C	W	P
D80	5.0	7.7	5.3	5.3	5.9	0.5 ~ 0.8	1.4
E80	6.3	7.7	6.6	6.6	7.2	0.5 ~ 0.8	1.9
E83	6.3	8.0	6.6	6.6	7.2	0.5 ~ 0.8	1.9
FB0	8.0	10.5	8.3	8.3	9.0	0.7 ~ 1.1	3.1
GB0	10.0	10.5	10.3	10.3	11.0	0.7 ~ 1.1	4.5
WE0	12.5	13.5	13.0	13.0	13.7	1.0 ~ 1.3	4.5
WG5	12.5	16.0	13.0	13.0	13.7	1.0 ~ 1.3	4.5

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	120	1K	10K	100K
4.7 ≤ Cap. ≤ 1,000	0.50	0.80	0.90	1.00

MK 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	静电容量 Cap (μF)	尺寸代码 Size Code	额定纹波电流 Rated Ripple Current (mArms/105°C, 100kHz)	料号 Part Number
6.3	100	D80	105	EMK0JM101D80—R
	220	E83	160	EMK0JM221E83—R
	330	FB0	340	EMK0JM331FB0—R
	470	FB0	370	EMK0JM471FB0—R
	680	GB0	670	EMK0JM681GB0—R
	1,000	GB0	860	EMK0JM102GB0—R
10	33	D80	105	EMK1AM330D80—R
	100	E83	175	EMK1AM101E83—R
	220	E83	180	EMK1AM221E83—R
	330	FB0	340	EMK1AM331FB0—R
	470	FB0	360	EMK1AM471FB0—R
	820	GB0	860	EMK1AM821GB0—R
	1,000	GB0	900	EMK1AM102GB0—R
16	47	D80	105	EMK1CM470D80—R
	100	E83	175	EMK1CM101E83—R
	150	E83	190	EMK1CM151E83—R
	220	FB0	500	EMK1CM221FB0—R
	330	FB0	545	EMK1CM331FB0—R
	470	FB0	560	EMK1CM471FB0—R
	680	GB0	850	EMK1CM681GB0—R
	1,000	WE0	1,050	EMK1CM102WE0—R
25	33	D80	105	EMK1EM330D80—R
	47	E83	180	EMK1EM470E83—R
	100	E83	205	EMK1EM101E83—R
	220	FB0	550	EMK1EM221FB0—R
	330	GB0	780	EMK1EM331GB0—R
	470	GB0	800	EMK1EM471GB0—R
	680	WE0	950	EMK1EM681WE0—R
	1,000	WE0	1,280	EMK1EM102WE0—R
35	10	D80	105	EMK1VM100D80—R
	22	D80	110	EMK1VM220D80—R
	47	E83	210	EMK1VM470E83—R
	100	FB0	575	EMK1VM101FB0—R
	220	GB0	835	EMK1VM221GB0—R
	330	GB0	850	EMK1VM331GB0—R
	470	WE0	980	EMK1VM471WE0—R
	680	WG5	1,280	EMK1VM681WG5—R
50	10	E83	120	EMK1HM100E83—R
	22	E83	175	EMK1HM220E83—R
	33	E83	180	EMK1HM330E83—R
	47	E83	190	EMK1HM470E83—R
	47	FB0	540	EMK1HM470FB0—R
	100	FB0	600	EMK1HM101FB0—R
	100	GB0	700	EMK1HM101GB0—R
50	220	GB0	700	EMK1HM221GB0—R
	330	WE0	950	EMK1HM331WE0—R
	470	WG5	1,300	EMK1HM471WG5—R
63	10	D80	85	EMK1JM100D80—R
	22	E83	150	EMK1JM220E83—R
	33	FB0	375	EMK1JM330FB0—R
	47	FB0	450	EMK1JM470FB0—R
	100	GB0	575	EMK1JM101GB0—R
	220	WE0	890	EMK1JM221WE0—R
	330	WG5	960	EMK1JM331WG5—R
80	10	E80	140	EMK1BM100E80—R
	22	FB0	375	EMK1BM220FB0—R
	33	FB0	450	EMK1BM330FB0—R
	47	GB0	575	EMK1BM470GB0—R
	100	WE0	760	EMK1BM101WE0—R
	150	WE0	800	EMK1BM151WE0—R
	220	WG5	960	EMK1BM221WG5—R
100	4.7	D80	70	EMK1KM4R7D80—R
	10	E83	135	EMK1KM100E83—R
	22	FB0	345	EMK1KM220FB0—R
	33	GB0	560	EMK1KM330GB0—R
	47	GB0	575	EMK1KM470GB0—R
	100	WE0	680	EMK1KM101WE0—R
	150	WG5	890	EMK1KM151WG5—R

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

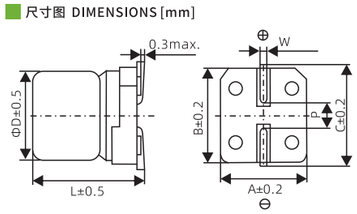
MF 系列/series

- 保证寿命:+105℃ 5,000小时
  Endurance: 5,000 hours at 105℃
- 长寿命
  Long life
- 适合高密度贴片安装
  Designed for surface mounting on high density PC board
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

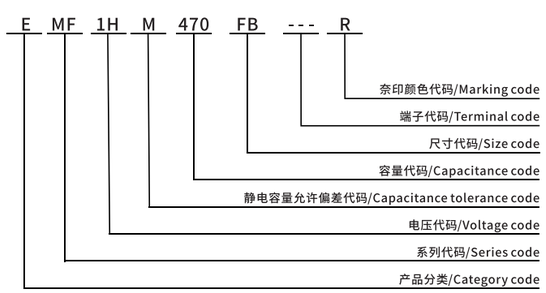
项目 Items	性能 Characteristics								
工作温度范围 Category Temperature Range	-55 ~ +105℃								
额定电压范围 Rated Working Voltage Range	6.3 ~ 100 Vdc								
静电容量允许偏差 Capacitance Tolerance	±20%(M)								(at 20°C,120Hz)
漏电流 Leakage Current	6.3 ~ 100 Vdc								(at 20°C)
	I≦0.01CV 或 3μA中的较大值(2分钟) I≦0.01CV or 3μA, whichever is greater (2 minutes)								
	I: 最大漏电流 (μA), C : 静电容量 (μF), V : 额定电压 (V) I: Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)								
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	6.3	10	16	25	35~50	63~80	100	(at 20°C,120Hz)
	损耗角正切值(最大) Dissipation Factor(Max.)	0.32	0.28	0.26	0.16	0.14	0.12	0.10	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	6.3	10	16	25	35~50	63~80	100	(at 120Hz)
	Z(-25℃)/Z(+20℃)	4	3	2	2	2	2	2	
	Z(-40℃)/Z(+20℃)	6	4	3	3	3	3	3	
	Z(-55℃)/Z(+20℃)	8	6	4	3	3	3	3	
耐久性 Endurance	在105℃环境中,连续加载规定时间的额定电压后,待温度恢复到20℃进行测量时,应满足以下要求。 The specifications listed below shall be satisfied when the capacitors are restored to 20°C after rated voltage is applied for a specified period of time at 105°C.								
	额定电压 Rated Voltage (Vdc)	6.3 ~ 100							
	寿命 Load Life	5,000 小时 5,000 hours							
	静电容量变化率 Capacitance Change	≤初始值的±30% ≤±30% of the initial value							
	损耗角正切值 Dissipation Factor	≤初始规格值的300% ≤300% of the initial specified value							
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value							
高温贮存 Shelf Life	在105°C环境中,无负荷放置1,000 小时后,待温度恢复到20°C进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after leaving them under no load at 105°C for 1,000 hours.								
	额定电压 Rated Voltage (Vdc)	6.3 ~ 100							
	静电容量变化率 Capacitance Change	≤初始值的±30% ≤±30% of the initial value							
	损耗角正切值 Dissipation Factor	≤初始规格值的300% ≤300% of the initial specified value							
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value							

尺寸图 DIMENSIONS [mm]



尺寸代码 Size code	D	L	A	B	C	W	P
FB0	8.0	10.5	8.3	8.3	9.0	0.7 ~ 1.1	3.1
GB0	10.0	10.5	10.3	10.3	11.0	0.7 ~ 1.1	4.5
GD0	10.0	12.5	10.3	10.3	11.0	0.7 ~ 1.1	4.5
WE0	12.5	13.5	13.0	13.0	13.7	1.0 ~ 1.3	4.5
WG5	12.5	16.0	13.0	13.0	13.7	1.0 ~ 1.3	4.5

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	120	1K	10K	100K
22 ≤Cap. ≤1,000	0.50	0.80	0.90	1.00

MF 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	静电容量 Cap (μF)	尺寸代码 Size Code	额定纹波电流 Rated Ripple Current (mArms/105°C, 100kHz)	料号 Part Number
6.3	330	FB0	280	EMF0JM331FB0-—R
	470	FB0	360	EMF0JM471FB0-—R
	560	FB0	380	EMF0JM561FB0-—R
	680	GB0	500	EMF0JM681GB0-—R
	1,000	GB0	600	EMF0JM102GB0-—R
10	220	FB0	280	EMF1AM221FB0-—R
	330	GB0	400	EMF1AM331GB0-—R
	470	GB0	545	EMF1AM471GB0-—R
	680	GB0	560	EMF1AM681GB0-—R
	1,000	WE0	850	EMF1AM102WE0-—R
16	220	FB0	475	EMF1CM221FB0-—R
	330	GB0	520	EMF1CM331GB0-—R
	470	GB0	720	EMF1CM471GB0-—R
	680	WE0	960	EMF1CM681WE0-—R
	1,000	WE0	1,030	EMF1CM102WE0-—R
25	220	FB0	535	EMF1EM221FB0-—R
	330	GB0	750	EMF1EM331GB0-—R
	470	GB0	750	EMF1EM471GB0-—R
	680	WE0	1,000	EMF1EM681WE0-—R
	1,000	WG5	1,300	EMF1EM102WG5-—R
35	100	FB0	560	EMF1VM101FB0-—R
	220	GB0	800	EMF1VM221GB0-—R
	330	GB0	850	EMF1VM331GB0-—R
	470	WE0	900	EMF1VM471WE0-—R
	560	WE0	960	EMF1VM561WE0-—R
	680	WG5	1,600	EMF1VM681WG5-—R
50	47	FB0	520	EMF1HM470FB0—R
	100	FB0	350	EMF1HM101FB0—R
	100	GB0	680	EMF1HM101GB0-—R
	220	GD0	760	EMF1HM221GD0-—R
	220	WE0	875	EMF1HM221WE0-—R
	330	WG5	1,020	EMF1HM331WG5-—R
	470	WG5	1,120	EMF1HM471WG5-—R
63	33	FB0	320	EMF1JM330FB0-—R
	47	FB0	380	EMF1JM470FB0-—R
	100	GB0	530	EMF1JM101GB0-—R
	220	WE0	840	EMF1JM221WE0-—R
	330	WG5	920	EMF1JM331WG5-—R
80	22	FB0	360	EMF1BM220FB0-—R
	33	FB0	410	EMF1BM330FB0-—R
	47	GB0	490	EMF1BM470GB0-—R
	100	GD0	530	EMF1BM101GD0-—R
	220	WG5	1,020	EMF1BM221WG5-—R
100	22	FB0	320	EMF1KM220FB0-—R
100	33	GB0	360	EMF1KM330GB0-—R
	47	GB0	540	EMF1KM470GB0-—R
	100	WE0	550	EMF1KM101WE0-—R
	150	WG5	900	EMF1KM151WG5-—R

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

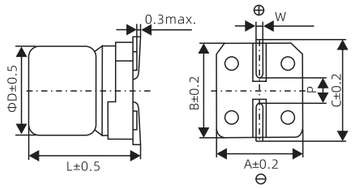
MH 系列/series

- 保证寿命: +125°C 1,000 ~ 3,000 小时
  Endurance: 1,000~3000 hours at 125°C
- 耐高温125°C
  High temperature 125°C
- 适合高密度贴片安装
  Designed for surface mounting on high density PC board
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics							
工作温度范围 Category Temperature Range	-55 ~ +125℃							
额定电压范围 Rated Working Voltage Range	10~ 100 Vdc							
静电容量允许偏差 Capacitance Tolerance	±20%(M)							(at 20°C,120Hz)
漏电流 Leakage Current	10~ 100 Vdc							(at 20°C)
	E83~GB0		WE0~WG5					
	I≦0.01CV 或 3μA中的较大值 (2分钟) I≦0.01CV or 3μA, whichever is greater (2 minutes)		I≦0.03CV或 4μA中的较大值 (2分钟) I≦0.03CV or 4μA, whichever is greater (2 minutes)					
	I: 最大漏电流 (μA), C : 静电容量 (μF), V : 额定电压 (V) I: Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)							
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)		10	16	25	35~50	63~80	100 (at 20°C,120Hz)
	损耗角正切值 (最大) Dissipation Factor(Max.)		0.24	0.20	0.16	0.14	0.12	0.10
	当标称电容量超过1,000μF时，每增加1,000μF则tanδ设定增加0.02。 When nominal capacitance exceeds 1,000 μF, add 0.02 to the value above for each 1,000 μF increase.							
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)		10	16	25	35~50	63~100	(at 120Hz)
	E83~GB0	Z(-25°C)/Z(+20°C)	3	2	2	2	2	
		Z(-40°C)/Z(+20°C)	6	4	4	3	3	
		Z(-55°C)/Z(+20°C)	6	4	4	3	-	
	WE0~WG5	Z(-25°C)/Z(+20°C)	4	3	2	2	2	
		Z(-40°C)/Z(+20°C)	6	6	4	3	3	
		Z(-55°C)/Z(+20°C)	6	6	4	3	-	
耐久性 Endurance	在125°C环境中，连续加载规定时间的额定电压后，待温度恢复到20°C进行测量时，应满足以下要求。 The specifications listed below shall be satisfied when the capacitors are restored to 20°C after rated voltage is applied for a specified period of time at 125°C.							
	寿命 Load Life	E83: 1,000 hours FB0~GB0: 2,000 hours WE0~WG5: 3,000 hours						
	静电容量变化率 Capacitance Change	≤初始值的±30% ≤±30% of the initial value						
	损耗角正切值 Dissipation Factor	≤初始规格值的300% ≤300% of the initial specified value						
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value						
高温贮存 Shelf Life	在125°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after leaving them under no load at 125 for 1,000 hours							
	静电容量变化率 Capacitance Change	≤初始值的±30% ≤±30% of the initial value						
	损耗角正切值 Dissipation Factor	≤初始规格值的300% ≤300% of the initial specified value						
	漏电流 Leakage Current	≤初始规格值的500% ≤ 500% of the initial specified value						

尺寸图 DIMENSIONS [mm]



尺寸代码 Size code	D	L	A	B	C	W	P
E83	6.3	8.0	6.6	6.6	7.2	0.5 ~ 0.8	1.9
FB0	8.0	10.5	8.3	8.3	9.0	0.7 ~ 1.1	3.1
GB0	10.0	10.5	10.3	10.3	11.0	0.7 ~ 1.1	4.5
WE0	12.5	13.5	13.0	13.0	13.7	1.0 ~ 1.3	4.5
WG5	12.5	16.0	13.0	13.0	13.7	1.0 ~ 1.3	4.5

产品料号体系 PART NUMBERING SYSTEM

E MH 1H M 470 FB0 --- R

- R — 奈印颜色代码/Marking code
- --- — 端子代码/Terminal code
- FB0 — 尺寸代码/Size code
- 470 — 容量代码/Capacitance code
- M — 静电容量允许偏差代码/Capacitance tolerance code
- 1H — 电压代码/Voltage code
- MH — 系列代码/Series code
- E — 产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	120	1K	10K	100K
Cap. < 220	0.40	0.75	0.90	1.00
220 ≤ Cap. < 680	0.50	0.85	0.94	1.00
680 ≤ Cap. < 1,000	0.60	0.87	0.95	1.00

MH 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	静电容量 Cap (μF)	尺寸代码 Size Code	额定纹波电流 Rated Ripple Current (mArms/125°C, 100kHz)	料号 Part Number
10	100	E83	110	EMH1AM101E83—R
	220	E83	110	EMH1AM221E83—R
	220	FB0	220	EMH1AM221FB0-—R
	330	FB0	220	EMH1AM331FB0-—R
	330	GB0	296	EMH1AM331GB0—R
	470	GB0	296	EMH1AM471GB0—R
	1,000	WE0	750	EMH1AM102WE0—R
16	100	E83	110	EMH1CM101E83-—R
	100	FB0	220	EMH1CM101FB0—R
	220	FB0	220	EMH1CM221FB0—R
	330	GB0	296	EMH1CM331GB0-—R
	470	GB0	310	EMH1CM471GB0-—R
	680	WE0	750	EMH1CM681WE0-—R
	1,000	WG5	800	EMH1CM102WG5-—R
25	47	E83	110	EMH1EM470E83—R
	100	E83	110	EMH1EM101E83—R
	100	FB0	220	EMH1EM101FB0-—R
	220	FB0	220	EMH1EM221FB0-—R
	220	GB0	296	EMH1EM221GB0—R
	330	GB0	296	EMH1EM331GB0—R
	470	WE0	750	EMH1EM471WE0-—R
	680	WG5	800	EMH1EM681WG5-—R
35	33	E83	110	EMH1VM330E83—R
	47	E83	110	EMH1VM470E83—R
	100	FB0	220	EMH1VM101FB0-—R
	220	GB0	296	EMH1VM221GB0—R
	330	WE0	750	EMH1VM331WE0-—R
	470	WG5	900	EMH1VM471WG5-—R
50	10	E83	83	EMH1HM100E83-—R
	22	E83	83	EMH1HM220E83-—R
	33	E83	83	EMH1HM330E83-—R
	47	FB0	160	EMH1HM470FB0-—R
	47	GB0	247	EMH1HM470GB0-—R
	100	GB0	247	EMH1HM101GB0-—R
	100	WE0	550	EMH1HM101WE0-—R
	220	WE0	550	EMH1HM221WE0-—R
	330	WG5	700	EMH1HM331WG5-—R
63	22	E83	65	EMH1JM220E83-—R
	33	FB0	100	EMH1JM330FB0-—R
	47	FB0	125	EMH1JM470FB0-—R
	100	GB0	205	EMH1JM101GB0-—R
	220	WG5	600	EMH1JM221WG5-—R
80	10	E83	95	EMH1BM100E83—R
	22	FB0	110	EMH1BM220FB0-—R
80	22	GB0	215	EMH1BM220GB0-—R
	33	FB0	130	EMH1BM330FB0-—R
	47	GB0	245	EMH1BM470GB0-—R
	100	WE0	475	EMH1BM101WE0-—R
100	10	E83	90	EMH1KM100E83-—R
	22	FB0	105	EMH1KM220FB0-—R
	33	GB0	200	EMH1KM330GB0-—R
	47	GB0	230	EMH1KM470GB0-—R
	68	WE0	375	EMH1KM680WE0-—R
	100	WE0	405	EMH1KM101WE0-—R

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

ME 系列/series

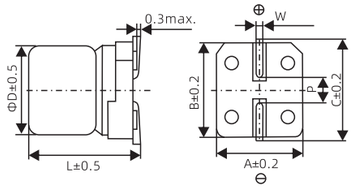
- 保证寿命: +125 °C 2,000~ 5,000 小时
  Endurance:2,000~ 5,000 hours at 125 °C
- 大容量，大纹波
  High capacity, high ripple current
- 适用于高密度pc板表面安装
  Designed for surface mounting on high density PC board
- 符合RoHS
  RoHS Compliant

New

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics									
工作温度范围 Category Temperature Range	-40 ~ +125℃									
额定电压范围 Rated Working Voltage Range	16~ 100 Vdc									
静电容量允许偏差 Capacitance Tolerance	±20%(M)									(at 20°C,120Hz)
漏电流 Leakage Current	I≦0.01CV 或 3μA中的较大值 (2 分钟) I：漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) I ≤0.01CV or 3μA, whichever is greater (2 minutes)									(at 20°C)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)		16	25	35	50	63	80	100	(at 20°C,120Hz)
	损耗角正切值（最大） Dissipation Factor(Max.)	FB0、GB0	0.20	0.16	0.14	0.14	0.14	0.12	/	
		WE0~MN0	0.18	0.14	0.14	0.14	0.14	0.12	0.10	
	当标称电容量超过1,000μF时，每增加1,000μF则tanδ设定增加0.02。 When nominal capacitance exceeds 1,000 μF, add 0.02 to the value above for each 1,000 μF increase.									
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)		16	25	35	50	63	80	100	(at 120Hz)
	FB0、GB0	Z(-25℃)/Z(+20℃)	2	2	2	2	2	2	/	
		Z(-40℃)/Z(+20℃)	4	4	3	3	3	3	/	
	WE0~MN0	Z(-25℃)/Z(+20℃)	3	2	2	2	2	2	2	
		Z(-40℃)/Z(+20℃)	6	4	3	3	3	3	3	
耐久性 Endurance	在125℃环境中，连续加载规定时间的额定电压后，待温度恢复到20℃进行测量时，应满足以下要求。 The specifications listed below shall be satisfied when the capacitors are restored to 20℃ after rated voltage is applied for a specified period of time at 125℃.									
	寿命 Load Life	FB0、GB0：2,000 hours WE0~MN0：5,000 hours								
	静电容量变化率 Capacitance Change	≤初始值的±30% ≤±30% of the initial value								
	损耗角正切值 Dissipation Factor	≤初始规格值的300% ≤300% of the initial specified value								
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value								
高温贮存 Shelf Life	在125℃环境中，无负荷放置1,000 小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after leaving them under no load at 125 for 1,000 hours									
	静电容量变化率 Capacitance Change	≤初始值的±30% ≤±30% of the initial value								
	损耗角正切值 Dissipation Factor	≤初始规格值的300% ≤300% of the initial specified value								
	漏电流 Leakage Current	≤初始规格值的500% ≤ 500% of the initial specified value								

尺寸图 DIMENSIONS [mm]



尺寸代码 Size code	D	L	A	B	C	W	P
FB0	8.0	10.5	8.3	8.3	9.0	0.7~ 1.1	3.1
GB0	10.0	10.5	10.3	10.3	11.0	0.7~ 1.1	4.5
WE0	12.5	13.5	13.0	13.0	13.7	1.0 ~ 1.3	4.5
WG5	12.5	16.0	13.0	13.0	13.7	1.0 ~ 1.3	4.5
LH0	16.0	16.5	17.0	17.0	18.0	1.0 ~ 1.3	6.5
LN0	16.0	21.5	17.0	17.0	18.0	1.0 ~ 1.3	6.5
MH0	18.0	16.5	19.0	19.0	20.0	1.0 ~ 1.3	6.5
MN0	18.0	21.5	19.0	19.0	20.0	1.0 ~ 1.3	6.5

产品料号体系 PART NUMBERING SYSTEM

E ME 1H M 470 FB0 --- R

- R：奈印颜色代码/Marking code
- ---：端子代码/Terminal code
- FB0：尺寸代码/Size code
- 470：容量代码/Capacitance code
- M：静电容量允许偏差代码/Capacitance tolerance code
- 1H：电压代码/Voltage code
- ME：系列代码/Series code
- E：产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	120	1K	10K	100K
47 ≤Cap. ≤ 220	0.40	0.75	0.90	1.00
240 ≤Cap. ≤560	0.50	0.85	0.94	1.00
680 ≤Cap. ≤2,000	0.60	0.87	0.95	1.00
2,400 ≤Cap. ≤4,300	0.75	0.90	0.95	1.00
4,700 ≤Cap. ≤6,200	0.85	0.95	0.98	1.00

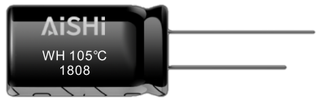
ME 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	静电容量 Cap (μF)	尺寸代码 Size Code	额定纹波电流 Rated Ripple Current (mArms/125°C, 100kHz)	料号 Part Number
16	680	FB0	467	EME1CM681FB0—R
	1,000	GB0	595	EME1CM102GB0—R
	1,500	WE0	807	EME1CM152WE0—R
	2,000	WG5	892	EME1CM202WG5—R
	2,700	LH0	1,445	EME1CM272LH0—R
	3,600	MH0	1,530	EME1CM362MH0—R
	4,700	LN0	1,912	EME1CM472LN0—R
	6,200	MN0	1,955	EME1CM622MN0—R
25	470	FB0	467	EME1EM471FB0—R
	680	GB0	595	EME1EM681GB0—R
	1,000	WE0	807	EME1EM102WE0—R
	1,300	WG5	892	EME1EM132WG5—R
	1,800	LH0	1,445	EME1EM182LH0—R
	2,400	MH0	1,530	EME1EM242MH0—R
	3,300	LN0	1,912	EME1EM332LN0—R
	4,300	MN0	1,955	EME1EM432MN0—R
35	220	FB0	467	EME1VM221FB0—R
	270	FB0	467	EME1VM271FB0—R
	470	GB0	595	EME1VM471GB0—R
	680	WE0	807	EME1VM681WE0—R
	820	WG5	892	EME1VM821WG5—R
	1,200	LH0	1,445	EME1VM122LH0—R
	1,500	MH0	1,530	EME1VM152MH0—R
	2,000	LN0	1,912	EME1VM202LN0—R
	2,400	MN0	1,955	EME1VM242MN0—R
50	100	FB0	340	EME1HM101FB0—R
	150	GB0	459	EME1HM151GB0—R
	180	GB0	459	EMF1HM181GB0—R
	360	WE0	637	EME1HM361WE0—R
	470	WG5	722	EME1HM471WG5—R
	560	LH0	1,232	EME1HM561LH0—R
	750	MH0	1,317	EME1HM751MH0—R
	1,000	LN0	1,700	EME1HM102LN0—R
	1,300	MN0	1,742	EME1HM132MN0—R
63	68	FB0	340	EME1JM680FB0—R
	82	FB0	340	EME1JM820FB0—R
	100	GB0	467	EME1JM101GB0—R
	120	GB0	467	EME1JM121GB0—R
	240	WE0	680	EME1JM241WE0—R
	330	WG5	765	EME1JM331WG5—R
	430	LH0	1,232	EME1JM431LH0—R
	560	MH0	1,317	EME1JM561MH0—R
	680	LN0	1,700	EME1JM681LN0—R
	910	MN0	1,742	EME1JM911MN0—R
80	47	FB0	340	EME1BM470FB0—R
	68	GB0	467	EME1BM680GB0—R
	82	GB0	467	EME1BM820GB0—R
	180	WE0	680	EME1BM181WE0—R
	240	WG5	765	EME1BM241WG5—R
	270	LH0	1,232	EME1BM271LH0—R
	360	MH0	1,317	EME1BM361MH0—R
	430	LN0	1,700	EME1BM431LN0—R
	560	MN0	1,742	EME1BM561MN0—R
100	110	WE0	680	EME1KM111WE0—R
	150	WG5	765	EME1KM151WG5—R
	160	LH0	1,232	EME1KM161LH0—R
	200	MH0	1,317	EME1KM201MH0—R
	240	LN0	1,700	EME1KM241LN0—R
	330	MN0	1,742	EME1KM331MN0—R

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

WH系列/series

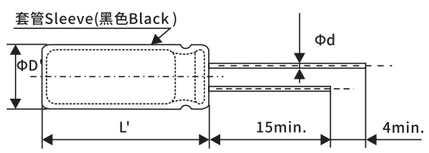


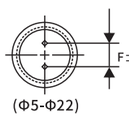
- 保证寿命:+105℃ 2,000小时
  Endurance: 2,000 hours at 105℃
- 符合RoHS
  RoHS Compliant
- 通用标准品
  General standard product

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics												
工作温度范围 Category Temperature Range	-40~+105℃(6.3~100Vdc)								-25~+105℃(160~500Vdc)				
额定电压范围 Rated Working Voltage Range	6.3~500Vdc												
静电容量允许偏差 Capacitance Tolerance	±20%(M)												(at 20℃,120Hz)
漏电流 Leakage Current	6.3 ~ 100 Vdc								160 ~ 500 Vdc				I：漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) I: Leakage current(μA), C: Nominal capacitance(μF) V: Rated voltage(V)
	I≦0.03CV 或 4μA (1分钟) I≦0.01CV 或 3μA (2分钟) 中的较大值 I ≤0.03CV or 4μA(at 1 minute) I ≤0.01CV or 3μA(at 2 minutes) whichever is greater				CV				1分钟后 After 1 minute		5分钟后 After 5 minutes		
					CV≤1,000				I ≤0.1CV+40μA		I ≤0.03CV+15μA		
					CV＞1,000				I ≤0.04CV+100μA		I ≤0.02CV+25μA		(at 20℃)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	6.3	10	16	25	35	50	63	100	160~250	350~500		(at 20℃,120Hz)
	损耗角正切 (最大) Dissipation Factor(Max.)	0.28	0.24	0.20	0.18	0.16	0.14	0.12	0.10	0.20	0.24		
	当标称电容量超过1,000μF时，每增加1,000μF则tanδ设定增加0.02。 When nominal capacitance exceeds 1,000 μF, add 0.02 to the value above for each 1,000 μF increase.												
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	6.3	10	16	25	35	50	63	100	160~250	350~450	500	(at 120Hz)
	Z(-25℃)/Z(+20℃)	5	4	3	2					3	6	8	
	Z(-40℃)/Z(+20℃)	12	10	8	5	4	3			-			
耐久性 Endurance	在105℃环境中，连续加载直流电压与额定纹波电流2,000小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The specifications listed below shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus rated ripple current is applied for 2,000 hours at 105℃.												
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value											
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value											
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value											
高温贮存 Shelf Life	在105℃环境中，无负荷放置1,000 小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after leaving them under no load at 105℃ for 1,000 hours.												
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value											
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value											
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value											

尺寸图 DIMENSIONS [mm]

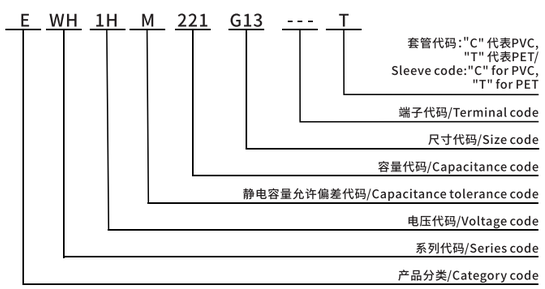




ØD	5	6.3	8		10	12.5/13	16/18	20	22※
Ød	0.5	0.5	0.5	0.6	0.6	0.6	0.8	0.8	0.8
F	2.0	2.5	3.5		5.0	5.0	7.5	10.0	10.0
ØD'	ØD+0.5max.								
L'	L+2max.								

※22x55/22x60 Ød=1.0,L'=L+3max.

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	50	120	300	1K	10K	100K
Cap. < 10	0.65	1.00	1.35	1.75	2.30	2.50
10≤Cap. < 100	0.75	1.00	1.25	1.50	1.75	1.80
100≤Cap. < 1,000	0.80	1.00	1.15	1.30	1.40	1.50
Cap.≥1,000	0.85	1.00	1.03	1.05	1.08	1.08

WH系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
6.3	33	5×11	54	EWH0JM330D11—T
	47	5×11	64	EWH0JM470D11—T
	100	5×11	94	EWH0JM101D11—T
	220	5×11	140	EWH0JM221D11—T
	330	6.3×11	190	EWH0JM331E11—T
	470	6.3×11	230	EWH0JM471E11—T
	1,000	8×12	380	EWH0JM102F12—T
	2,200	10×20	710	EWH0JM222G20—T
	3,300	10×20	840	EWH0JM332G20—T
	4,700	12.5×20	1,090	EWH0JM472W20—T
	6,800	12.5×25	1,350	EWH0JM682W25—T
	10,000	16×25	1,650	EWH0JM103L25—T
	15,000	16×35	2,010	EWH0JM153L35—T
	22,000	18×40	2,350	EWH0JM223M40—T
10	22	5×11	46	EWH1AM220D11—T
	33	5×11	57	EWH1AM330D11—T
	47	5×11	68	EWH1AM470D11—T
	100	5×11	100	EWH1AM101D11—T
	220	6.3×11	170	EWH1AM221E11—T
	330	6.3×11	200	EWH1AM331E11—T
	470	8×11	250	EWH1AM471F11—T
	1,000	10×13	460	EWH1AM102G13—T
	2,200	10×20	760	EWH1AM222G20—T
	3,300	12.5×20	1,000	EWH1AM332W20—T
	4,700	12.5×25	1,260	EWH1AM472W25—T
	6,800	16×25	1,570	EWH1AM682L25—T
	10,000	16×35	1,890	EWH1AM103L35—T
	15,000	18×35	2,180	EWH1AM153M35—T
16	10	5×11	34	EWH1CM100D11—T
	22	5×11	51	EWH1CM220D11—T
	33	5×11	63	EWH1CM330D11—T
	47	5×11	75	EWH1CM470D11—T
	100	5×11	110	EWH1CM101D11—T
	220	6.3×11	180	EWH1CM221E11—T
	330	8×11	260	EWH1CM331F11—T
	470	8×12	310	EWH1CM471F12—T
	1,000	10×16	560	EWH1CM102G16—T
	2,200	12.5×20	920	EWH1CM222W20—T
	3,300	12.5×25	1,170	EWH1CM332W25—T
	4,700	16×25	1,480	EWH1CM472L25—T
	6,800	16×30	1,780	EWH1CM682L30—T
	10,000	18×35	2,060	EWH1CM103M35—T
25	4.7	5×11	25	EWH1EM4R7D11—T
	10	5×11	36	EWH1EM100D11—T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
25	22	5×11	54	EWH1EM220D11—T
	33	5×11	67	EWH1EM330D11—T
	47	5×11	80	EWH1EM470D11—T
	100	6.3×11	130	EWH1EM101E11—T
	220	8×11	230	EWH1EM221F11—T
	330	8×12	310	EWH1EM331F12—T
	470	10×13	380	EWH1EM471G13—T
	1,000	10×20	680	EWH1EM102G20—T
	2,200	12.5×25	1,090	EWH1EM222W25—T
	3,300	16×25	1,400	EWH1EM332L25—T
	4,700	16×30	1,710	EWH1EM472L30—T
	6,800	18×35	2,040	EWH1EM682M35—T
35	4.7	5×11	28	EWH1VM4R7D11—T
	10	5×11	41	EWH1VM100D11—T
	22	5×11	61	EWH1VM220D11—T
	33	5×11	75	EWH1VM330D11—T
	47	5×11	90	EWH1VM470D11—T
	100	6.3×11	150	EWH1VM101E11—T
	220	8×12	270	EWH1VM221F12—T
	330	10×13	350	EWH1VM331G13—T
	470	10×16	460	EWH1VM471G16—T
	1,000	12.5×20	810	EWH1VM102W20—T
	2,200	16×25	1,260	EWH1VM222L25—T
	3,300	16×35	1,610	EWH1VM332L35—T
	4700	18×35	1,910	EWH1VM472M35—T
50	0.1	5×11	1.3	EWH1HMR10D11—T
	0.22	5×11	2.9	EWH1HMR22D11—T
	0.33	5×11	4.3	EWH1HMR33D11—T
	0.47	5×11	6.2	EWH1HMR47D11—T
	1	5×11	13	EWH1HM010D11—T
	2.2	5×11	20	EWH1HM2R2D11—T
	3.3	5×11	25	EWH1HM3R3D11—T
	4.7	5×11	30	EWH1HM4R7D11—T
	10	5×11	40	EWH1HM100D11—T
	22	5×11	65	EWH1HM220D11—T
	33	6.3×11	90	EWH1HM330E11—T
	47	6.3×11	110	EWH1HM470E11—T
	100	8×11	180	EWH1HM101F11—T
	220	10×13	300	EWH1HM221G13—T
	330	10×16	410	EWH1HM331G16—T
	470	10×20	530	EWH1HM471G20—T
	1,000	12.5×25	950	EWH1HM102W25—T
	2,200	16×35	1,470	EWH1HM222L35—T
	3,300	18×35	1,770	EWH1HM332M35—T

WH系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
63	10	5×11	46	EWH1JM100D11-–T
	22	5×11	71	EWH1JM220D11-–T
	33	6.3×11	100	EWH1JM330E11-–T
	47	6.3×11	120	EWH1JM470E11-–T
	100	10×13	215	EWH1JM101G13-–T
	220	10×16	335	EWH1JM221G16-–T
	330	10×20	510	EWH1JM331G20-–T
	470	12.5×20	640	EWH1JM471W20-–T
	1,000	16×25	930	EWH1JM102L25-–T
100	0.1	5×11	1.5	EWH1KMR10D11-–T
	0.22	5×11	3.4	EWH1KMR22D11-–T
	0.33	5×11	5	EWH1KMR33D11-–T
	0.47	5×11	7.1	EWH1KMR47D11-–T
	1	5×11	15	EWH1KM010D11-–T
	2.2	5×11	21	EWH1KM2R2D11-–T
	3.3	5×11	29	EWH1KM3R3D11-–T
	4.7	5×11	32	EWH1KM4R7D11-–T
	10	6.3×11	54	EWH1KM100E11-–T
	22	8×11	93	EWH1KM220F11-–T
	33	8×12	130	EWH1KM330F12-–T
	47	10×13	165	EWH1KM470G13-–T
	100	10×20	265	EWH1KM101G20-–T
	220	12.5×25	440	EWH1KM221W25-–T
	330	16×25	540	EWH1KM331L25-–T
	470	16×30	715	EWH1KM471L30-–T
	1,000	18×40	985	EWH1KM102M40-–T
160	3.3	6.3×9	28	EWH2CM3R3E09-–T
	4.7	6.3×9	34	EWH2CM4R7E09-–T
	10	6.3×12	60	EWH2CM100E12-–T
	10	8×9	60	EWH2CM100F09-–T
	22	8×12	88	EWH2CM220F12-–T
	22	10×12	98	EWH2CM220G12-–T
	33	10×12	140	EWH2CM330G12-–T
	33	10×16	158	EWH2CM330G16-–T
	47	10×14	142	EWH2CM470G14-–T
	47	10×20	182	EWH2CM470G20-–T
	68	10×20	240	EWH2CM680G20-–T
	100	12.5×20	300	EWH2CM101W20-–T
	100	16×20	316	EWH2CM101L20-–T
	220	16×25	530	EWH2CM221L25-–T
	330	18×25	600	EWH2CM331M25-–T
	470	18×35	820	EWH2CM471M35-–T
200	1	6.3×7	12	EWH2DM010E07-–T
	2.2	6.3×7	18	EWH2DM2R2E07-–T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
200	3.3	6.3×9	28	EWH2DM3R3E09-–T
	4.7	6.3×9	40	EWH2DM4R7E09-–T
	10	8×9	70	EWH2DM100F09-–T
	10	8×12	78	EWH2DM100F12-–T
	22	8×16	110	EWH2DM220F16-–T
	22	10×12	110	EWH2DM220G12-–T
	33	10×16	166	EWH2DM330G16-–T
	33	10×20	185	EWH2DM330G20-–T
	47	10×20	200	EWH2DM470G20-–T
	68	12.5×20	290	EWH2DM680W20-–T
	82	12.5×20	300	EWH2DM820W20-–T
	100	12.5×25	340	EWH2DM101W25-–T
	100	13×20	305	EWH2DM101K20-–T
	100	16×20	325	EWH2DM101L20-–T
	150	16×25	446	EWH2DM151L25-–T
	180	16×25	530	EWH2DM181L25-–T
	220	18×25	620	EWH2DM221M25-–T
	330	18×30	720	EWH2DM331M30-–T
	470	18×40	840	EWH2DM471M40-–T
250	2.2	6.3×9	21	EWH2EM2R2E09-–T
	3.3	6.3×9	30	EWH2EM3R3E09-–T
	4.7	6.3×12	38	EWH2EM4R7E12-–T
	4.7	8×9	45	EWH2EM4R7F09-–T
	10	8×12	70	EWH2EM100F12-–T
	10	10×12	75	EWH2EM100G12-–T
	22	8×16	100	EWH2EM220F16-–T
	22	10×16	116	EWH2EM220G16-–T
	33	10×20	150	EWH2EM330G20-–T
	33	12.5×16	165	EWH2EM330W16-–T
	47	12.5×20	232	EWH2EM470W20-–T
	100	16×25	370	EWH2EM101L25-–T
	150	18×25	455	EWH2EM151M25-–T
	220	18×30	600	EWH2EM221M30-–T
	330	18×35	705	EWH2EM331M35-–T
350	1	6.3×9	13	EWH2VM010E09-–T
	2.2	6.3×9	23	EWH2VM2R2E09-–T
	3.3	8×9	31	EWH2VM3R3F09-–T
	4.7	8×9	45	EWH2VM4R7F09-–T
	10	10×12	68	EWH2VM100G12-–T
	22	10×20	135	EWH2VM220G20-–T
	33	12.5×20	184	EWH2VM330W20-–T
	47	16×20	225	EWH2VM470L20-–T
	68	16×25	336	EWH2VM680L25-–T
	100	18×30	398	EWH2VM101M30-–T

WH系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
400	1	6.3×9	14	EWH2GM010E09-–T
	2.2	6.3×9	25	EWH2GM2R2E09-–T
	2.2	8×9	30	EWH2GM2R2F09-–T
	3.3	6.3×12	33	EWH2GM3R3E12-–T
	3.3	8×9	34	EWH2GM3R3F09-–T
	4.7	8×9	45	EWH2GM4R7F09-–T
	4.7	8×12	48	EWH2GM4R7F12-–T
	10	8×12	85	EWH2GM100F12-–T
	10	8×16	92	EWH2GM100F16-–T
	10	10×12	92	EWH2GM100G12-–T
	22	10×20	160	EWH2GM220G20-–T
	33	10×30	255	EWH2GM330G30-–T
	33	16×20	258	EWH2GM330L20-–T
	39	10×35	300	EWH2GM390G35-–T
	47	10×40	305	EWH2GM470G40-–T
	47	16×20	290	EWH2GM470L20-–T
	56	10×45	350	EWH2GM560G45-–T
	56	12.5×30	320	EWH2GM560W30-–T
	68	12.5×35	435	EWH2GM680W35-–T
	68	16×25	420	EWH2GM680L25-–T
	68	18×20	420	EWH2GM680M20-–T
	82	12.5×40	480	EWH2GM820W40-–T
	82	18×25	474	EWH2GM820M25-–T
	100	12.5×45	510	EWH2GM101W45-–T
	100	16×30	492	EWH2GM101L30-–T
	100	18×30	532	EWH2GM101M30-–T
	120	18×30	550	EWH2GM121M30-–T
	150	18×35	610	EWH2GM151M35-–T
	150	20×30	620	EWH2GM151N30-–T
	180	18×40	668	EWH2GM181M40-–T
	180	20×35	676	EWH2GM181N35-–T
	180	22×30	672	EWH2GM181O30-–T
	220	18×45	768	EWH2GM221M45-–T
	220	20×40	772	EWH2GM221N40-–T
	220	22×35	764	EWH2GM221O35-–T
	250	20×45	820	EWH2GM251N45-–T
	250	22×40	820	EWH2GM251O40-–T
	270	18×50	856	EWH2GM271M50-–T
	270	20×50	868	EWH2GM271N50-–T
	270	22×46	864	EWH2GM271O46-–T
	300	18×55	904	EWH2GM301M55-–T
	300	20×55	916	EWH2GM301N55-–T
	300	22×50	912	EWH2GM301O50-–T
	330	18×60	952	EWH2GM331M60-–T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
400	330	22×55	952	EWH2GM331O55-–THO
	350	20×60	984	EWH2GM351N60-–T
	390	22×60	1,012	EWH2GM391O60-–THO
420	120	18×30	558	EWH2TM121M30-–T
	150	18×35	632	EWH2TM151M35-–T
	150	20×30	640	EWH2TM151N30-–T
	180	18×40	690	EWH2TM181M40-–T
	180	20×35	698	EWH2TM181N35-–T
	180	22×30	694	EWH2TM181O30-–T
	220	18×45	793	EWH2TM221M45-–T
	220	20×40	798	EWH2TM221N40-–T
	220	22×35	789	EWH2TM221O35-–T
	250	20×45	847	EWH2TM251N45-–T
	250	22×40	847	EWH2TM251O40-–T
	270	18×50	884	EWH2TM271M50-–T
	270	20×50	897	EWH2TM271N50-–T
	270	22×46	893	EWH2TM271O46-–T
	300	18×55	934	EWH2TM301M55-–T
	300	20×55	946	EWH2TM301N55-–T
	300	22×50	942	EWH2TM301O50-–T
	330	18×60	983	EWH2TM331M60-–T
	330	22×55	983	EWH2TM331O55-–THO
	350	20×60	1,017	EWH2TM351N60-–T
	390	22×60	1,045	EWH2TM391O60-–THO
450	1	6.3×9	14	EWH2WM010E09-–T
	1	6.3×12	16	EWH2WM010E12-–T
	2.2	6.3×12	20	EWH2WM2R2E12-–T
	2.2	8×9	22	EWH2WM2R2F09-–T
	2.2	8×12	25	EWH2WM2R2F12-–T
	3.3	8×9	22	EWH2WM3R3F09-–T
	3.3	8×12	32	EWH2WM3R3F12-–T
	4.7	8×12	44	EWH2WM4R7F12-–T
	4.7	10×12	48	EWH2WM4R7G12-–T
	10	10×16	85	EWH2WM100G16-–T
	10	10×20	90	EWH2WM100G20-–T
	22	12.5×20	150	EWH2WM220W20-–T
	22	16×20	185	EWH2WM220L20-–T
	27	10×30	195	EWH2WM270G30-–T
	33	10×35	210	EWH2WM330G35-–T
	33	16×20	200	EWH2WM330L20-–T
	39	10×40	250	EWH2WM390G40-–T
	47	10×45	330	EWH2WM470G45-–T
	47	12.5×30	320	EWH2WM470W30-–T
	47	16×25	335	EWH2WM470L25-–T

WH系列/series

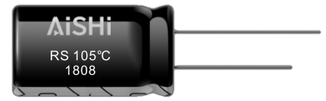
标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
450	56	12.5×35	360	EWH2WM560W35-—T
	68	12.5×40	400	EWH2WM680W40-—T
	68	18×25	400	EWH2WM680M25-—T
	82	12.5×45	460	EWH2WM820W45-—T
	82	16×30	460	EWH2WM820L30—T
	82	18×30	472	EWH2WM820M30-—T
	100	16×35	480	EWH2WM101L35—T
	100	18×35	530	EWH2WM101M35-—T
	100	20×30	517	EWH2WM101N30-—T
	120	20×35	578	EWH2WM121N35-—T
	120	22×30	560	EWH2WM121O30-—T
	150	18×40	610	EWH2WM151M40-—T
	150	22×35	621	EWH2WM151O35-—T
	180	18×45	694	EWH2WM181M45-—T
	180	20×40	703	EWH2WM181N40-—T
	200	18×50	759	EWH2WM201M50-—T
	200	20×45	767	EWH2WM201N45-—T
	200	22×40	759	EWH2WM201O40-—T
	220	18×55	819	EWH2WM221M55-—T
	220	20×50	828	EWH2WM221N50-—T
	250	18×60	879	EWH2WM251M60-—T
	250	20×55	888	EWH2WM251N55-—T
	250	22×46	892	EWH2WM251O46-—T
	270	20×60	948	EWH2WM271N60-—T
	270	22×50	953	EWH2WM271O50-—T
	330	22×55	1,026	EWH2WM331O55-—THO
	350	22×60	1,047	EWH2WM351O60-—THO
500	4.7	10×12	47	EWH2HM4R7G12-—T
	4.7	10×16	50	EWH2HM4R7G16-—T
	10	10×20	90	EWH2HM100G20—T
	10	12.5×20	115	EWH2HM100W20-—T
	15	12.5×20	130	EWH2HM150W20-—T
	15	12.5×25	140	EWH2HM150W25-—T
	22	13×25	170	EWH2HM220K25-—T
	22	16×20	180	EWH2HM220L20-—T
	22	16×25	185	EWH2HM220L25-—T
	33	16×25	200	EWH2HM330L25-—T
	33	18×25	215	EWH2HM330M25-—T
	47	18×25	300	EWH2HM470M25-—T
	68	18×30	380	EWH2HM680M30-—T
	68	18×35	390	EWH2HM680M35-—T
	82	18×35	450	EWH2HM820M35-—T
	82	18×40	490	EWH2HM820M40-—T
	100	18×40	520	EWH2HM101M40-—T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
500	100	22×35	535	EWH2HM101O35-—T
	120	22×40	550	EWH2HM121O40-—T

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

RS 系列/series

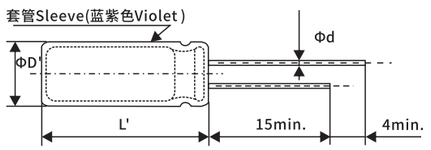


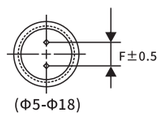
- 保证寿命：+105℃ 4,000~ 10,000 小时
  Endurance：4,000~ 10,000 hours at 105℃
- 低阻抗，长寿命
  Low impedance, long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics											
工作温度范围 Category Temperature Range	-40~+105℃											
额定电压范围 Rated Working Voltage Range	6.3~120Vdc											
静电容量允许偏差 Capacitance Tolerance	±20%(M)											(at 20℃,120Hz)
漏电流 Leakage Current	I≦0.01CV 或 3μA中的较大值 I：最大漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) I ≤0.01CV or 3μA, whichever is greater. Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)											(20℃, 2分钟) (at 20℃ after 2 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	6.3	10	16	25	35	50	63	80	100	120	(at 20℃,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.22	0.19	0.16	0.14	0.12	0.10	0.09	0.08	0.08	0.12	
	当标称电容量超过1,000μF时，每增加1,000μF则tanδ设定增加0.02。 When nominal capacitance exceeds 1,000 μF, add 0.02 to the value above for each 1,000 μF increase.											
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	6.3	10	16	25	35	50	63	80	100	120	(at 120Hz)
	Z(-25℃)/Z(+20℃)	4	3	2							3	
	Z(-40℃)/Z(+20℃)	8	6	4	3						6	
耐久性 Endurance	在105℃环境中，连续加载直流电压与额定纹波电流达到规定时间后，待温度恢复到20℃进行测量时，应满足以下要求。 The specifications listed below shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus rated ripple current is applied for a specified period of time at 105℃.											产品直径 Case Dia. / 寿命 (小时) Life Time (hours): 6.3~10V / 16~120V
	静电容量变化率 Capacitance Change	≤初始值的±20%(6.3V, 10V: ≤±30%) ≤±20% of the initial value(6.3V, 10V: ≤±30%)										ØD≤6.3: 4,000 / 5,000
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value										ØD=8&10: 6,000 / 7,000
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value										ØD≥12.5: 8,000 / 10,000
高温贮存 Shelf Life	在105℃环境中，无负荷放置1,000 小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after leaving them under no load at 105℃ for 1,000 hours.											
	静电容量变化率 Capacitance Change	≤初始值的±20% (6.3V,10V: ≤±30%) ≤±20% of the initial value(6.3V, 10V: ≤±30%)										
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value										
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value										

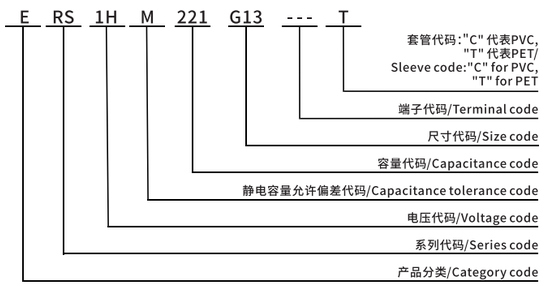
尺寸图 DIMENSIONS [mm]





ØD	5	6.3	8		10	12.5	13	16	18
Ød	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5		5.0	5.0	5.0	7.5	7.5
ØD'	ØD+0.5max.								
L'	L+2max.								

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	120	1K	10K	100K
Cap. < 220	0.40	0.75	0.90	1.00
220≤Cap. < 680	0.50	0.85	0.94	1.00
680≤Cap. < 2,200	0.60	0.87	0.95	1.00
2,200≤Cap. < 4,700	0.75	0.90	0.95	1.00
Cap.≥4,700	0.85	0.95	0.98	1.00

RS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
6.3	150	5×11	0.570	200	ERS0JM151D11-—T
	220	6.3×9	0.480	220	ERS0JM221E09-—T
	330	6.3×11	0.210	350	ERS0JM331E11-—T
	470	6.3×12	0.150	350	ERS0JM471E12-—T
	680	8×12	0.130	660	ERS0JM681F12-—T
	820	10×13	0.080	870	ERS0JM821G13-—T
	1,000	8×16	0.086	850	ERS0JM102F16-—T
	1,500	10×20	0.046	1,400	ERS0JM152G20-—T
	1,800	12.5×16	0.049	1,450	ERS0JM182W16-—T
	2,200	10×20	0.042	1,650	ERS0JM222G20-—T
	3,300	10×25	0.038	1,800	ERS0JM332G25-—T
	3,300	12.5×20	0.035	1,910	ERS0JM332W20-—T
	3,900	12.5×25	0.026	2,230	ERS0JM392W25-—T
	4,700	12.5×30	0.024	2,650	ERS0JM472W30-—T
	5,600	12.5×35	0.020	2,880	ERS0JM562W35-—T
	5,600	16×20	0.027	2,530	ERS0JM562L20-—T
	6,800	12.5×40	0.017	3,350	ERS0JM682W40-—T
	6,800	16×25	0.020	2,930	ERS0JM682L25-—T
	6,800	18×20	0.026	2,860	ERS0JM682M20-—T
	8,200	16×30	0.017	3,450	ERS0JM822L30-—T
	10,000	16×35	0.015	3,610	ERS0JM103L35-—T
	10,000	18×25	0.019	3,140	ERS0JM103M25-—T
	12,000	16×40	0.013	4,100	ERS0JM123L40-—T
	12,000	18×30	0.015	4,170	ERS0JM123M30-—T
	15,000	18×35	0.014	4,220	ERS0JM153M35-—T
	18,000	18×40	0.012	4,300	ERS0JM183M40-—T
10	100	5×11	0.570	200	ERS1AM101D11-—T
	220	6.3×11	0.210	350	ERS1AM221E11-—T
	330	6.3×12	0.190	400	ERS1AM331E12-—T
	470	8×12	0.130	660	ERS1AM471F12-—T
	680	8×16	0.086	850	ERS1AM681F16-—T
	680	10×13	0.080	870	ERS1AM681G13-—T
	1,000	8×20	0.069	1,050	ERS1AM102F20-—T
	1,000	10×16	0.060	1,230	ERS1AM102G16-—T
	1,200	10×20	0.046	1,400	ERS1AM122G20-—T
	1,500	10×25	0.042	1,650	ERS1AM152G25-—T
	1,500	12.5×16	0.049	1,450	ERS1AM152W16-—T
	2,200	10×25	0.040	1,640	ERS1AM222G25-—T
	2,200	12.5×20	0.035	1,910	ERS1AM222W20-—T
	2,200	16×15	0.041	1,950	ERS1AM222L15-—T
	3,300	12.5×25	0.031	2,230	ERS1AM332W25-—T
	3,900	12.5×30	0.029	2,650	ERS1AM392W30-—T
	3,900	16×20	0.027	2,530	ERS1AM392L20-—T
	4,700	12.5×35	0.020	2,880	ERS1AM472W35-—T

工业及变频家电系列
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RS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
10	5,600	12.5×40	0.017	3,350	ERS1AM562W40-—T
	5,600	16×25	0.021	2,930	ERS1AM562L25-—T
	5,600	18×20	0.026	2,860	ERS1AM562M20-—T
	6,800	16×30	0.017	3,450	ERS1AM682L30-—T
	6,800	18×25	0.019	3,140	ERS1AM682M25-—T
	8,200	16×35	0.015	3,610	ERS1AM822L35-—T
	8,200	18×30	0.015	4,170	ERS1AM822M30-—T
	10,000	16×40	0.013	4,100	ERS1AM103L40-—T
	10,000	18×35	0.014	4,220	ERS1AM103M35-—T
	12,000	18×40	0.012	4,300	ERS1AM123M40-—T
16	56	5×11	0.570	200	ERS1CM560D11-—T
	100	5×11	0.550	272	ERS1CM101D11-—T
	120	6.3×11	0.210	350	ERS1CM121E11-—T
	220	6.3×11	0.140	450	ERS1CM221E11-—T
	330	8×12	0.130	660	ERS1CM331F12-—T
	470	8×12	0.130	800	ERS1CM471F12-—T
	470	8×16	0.087	850	ERS1CM471F16-—T
	470	10×13	0.080	870	ERS1CM471G13-—T
	680	8×16	0.100	976	ERS1CM681F16-—T
	680	10×16	0.060	1,230	ERS1CM681G16-—T
	1,000	10×16	0.075	1,269	ERS1CM102G16-—T
	1,000	10×20	0.046	1,400	ERS1CM102G20-—T
	1,200	10×25	0.042	1,650	ERS1CM122G25-—T
	1,500	12.5×20	0.035	1,910	ERS1CM152W20-—T
	2,200	12.5×20	0.031	1,720	ERS1CM222W20-—T
	3,300	12.5×35	0.024	2,880	ERS1CM332W35-—T
	3,900	12.5×40	0.021	3,350	ERS1CM392W40-—T
	3,900	16×25	0.021	2,930	ERS1CM392L25-—T
	3,900	18×20	0.026	2,860	ERS1CM392M20-—T
	4,700	16×30	0.017	3,450	ERS1CM472L30-—T
	4,700	18×25	0.019	3,140	ERS1CM472M25-—T
	5,600	16×35	0.015	3,610	ERS1CM562L35-—T
	5,600	18×30	0.015	4,170	ERS1CM562M30-—T
	6,800	16×40	0.013	4,100	ERS1CM682L40-—T
	8,200	18×35	0.014	4,220	ERS1CM822M35-—T
	10,000	18×40	0.012	4,300	ERS1CM103M40-—T
25	47	5×11	0.570	200	ERS1EM470D11-—T
	47	6.3×9	0.740	180	ERS1EM470E09-—T
	100	6.3×11	0.210	350	ERS1EM101E11-—T
	220	8×12	0.130	660	ERS1EM221F12-—T
	330	8×12	0.100	700	ERS1EM331F12-—T
	330	8×16	0.086	850	ERS1EM331F16-—T
	330	10×13	0.080	870	ERS1EM331G13-—T
	470	8×16	0.075	950	ERS1EM471F16-—T

RS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
25	470	8×20	0.069	1,050	ERS1EM471F20---T
	470	10×16	0.060	1,230	ERS1EM471G16---T
	680	10×20	0.046	1,400	ERS1EM681G20---T
	680	12.5×16	0.049	1,450	ERS1EM681W16---T
	820	10×25	0.042	1,650	ERS1EM821G25---T
	1,000	10×30	0.035	1,920	ERS1EM102G30---T
	1,000	12.5×20	0.035	1,910	ERS1EM102W20---T
	1,500	12.5×25	0.032	2,230	ERS1EM152W25---T
	2,200	12.5×25	0.030	2,230	ERS1EM222W25---T
	2,200	18×20	0.026	2,860	ERS1EM222M20---T
	3,300	16×30	0.017	3,450	ERS1EM332L30---T
	3,300	18×25	0.019	3,140	ERS1EM332M25---T
	4,700	16×40	0.013	4,100	ERS1EM472L40---T
	4,700	18×35	0.014	4,220	ERS1EM472M35---T
	5,600	18×40	0.012	4,300	ERS1EM562M40---T
35	33	5×11	0.570	200	ERS1VM330D11---T
	33	6.3×9	0.740	180	ERS1VM330E09---T
	56	6.3×11	0.210	350	ERS1VM560E11---T
	100	6.3×12	0.250	400	ERS1VM101E12---T
	150	8×9	0.170	560	ERS1VM151F09---T
	150	8×12	0.130	660	ERS1VM151F12---T
	220	8×12	0.100	660	ERS1VM221F12---T
	220	8×16	0.086	850	ERS1VM221F16---T
	220	10×13	0.080	870	ERS1VM221G13---T
	330	10×16	0.060	1,230	ERS1VM331G16---T
	470	10×20	0.046	1,400	ERS1VM471G20---T
	560	10×20	0.060	1,400	ERS1VM561G20---T
	560	10×25	0.042	1,650	ERS1VM561G25---T
	680	10×20	0.042	1,700	ERS1VM681G20---T
	680	12.5×20	0.035	1,910	ERS1VM681W20---T
	1,000	12.5×20	0.030	2,210	ERS1VM102W20---T
	1,200	12.5×25	0.032	2,200	ERS1VM122W25---T
	1,200	16×20	0.028	2,247	ERS1VM122L20---T
	1,500	12.5×25	0.032	2,250	ERS1VM152W25---T
	1,500	13×20	0.035	2,050	ERS1VM152K20---T
	1,800	16×20	0.030	2,930	ERS1VM182L20---T
	2,200	16×25	0.030	2,980	ERS1VM222L25---T
	2,200	16×30	0.022	3,450	ERS1VM222L30---T
	2,200	18×25	0.019	3,140	ERS1VM222M25---T
	2,700	16×25	0.030	3,410	ERS1VM272L25---T
	2,700	16×35	0.015	3,610	ERS1VM272L35---T
	3,300	16×40	0.012	4,100	ERS1VM332L40---T
	3,300	18×35	0.014	4,220	ERS1VM332M35---T
	3,900	18×40	0.011	4,300	ERS1VM392M40---T

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■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
50	22	5×12	0.680	190	ERS1HM220D12---T
	22	6.3×9	0.890	170	ERS1HM220E09---T
	47	6.3×11	0.350	260	ERS1HM470E11---T
	56	6.3×11	0.300	300	ERS1HM560E11---T
	100	8×12	0.170	560	ERS1HM101F12---T
	100	10×9	0.220	500	ERS1HM101G09---T
	150	8×12	0.180	560	ERS1HM151F12---T
	150	10×13	0.120	760	ERS1HM151G13---T
	180	8×20	0.090	910	ERS1HM181F20---T
	220	10×13	0.120	760	ERS1HM221G13---T
	220	10×16	0.084	1,050	ERS1HM221G16---T
	270	10×13	0.150	650	ERS1HM271G13---T
	330	10×16	0.065	1,150	ERS1HM331G16---T
	470	10×20	0.055	1,500	ERS1HM471G20---T
	470	12.5×20	0.045	1,660	ERS1HM471W20---T
	470	16×15	0.055	1,690	ERS1HM471L15---T
	560	12.5×16	0.060	1,520	ERS1HM561W16---T
	560	12.5×25	0.034	1,960	ERS1HM561W25---T
	680	12.5×20	0.045	1,720	ERS1HM681W20---T
	680	12.5×25	0.035	2,022	ERS1HM681W25---T
	820	12.5×20	0.045	1,800	ERS1HM821W20---T
	820	12.5×25	0.035	2,030	ERS1HM821W25---T
	820	16×20	0.034	2,210	ERS1HM821L20---T
	1,000	12.5×25	0.035	2,030	ERS1HM102W25---T
	1,000	16×25	0.025	2,560	ERS1HM102L25---T
	1,200	16×25	0.032	2,600	ERS1HM122L25---T
	1,200	18×20	0.036	2,490	ERS1HM122M20---T
	1,500	18×25	0.028	2,740	ERS1HM152M25---T
	1,800	16×40	0.016	3,710	ERS1HM182L40---T
	1,800	18×30	0.021	3,640	ERS1HM182M30---T
	2,200	18×35	0.017	3,680	ERS1HM222M35---T
	2,700	18×40	0.014	3,800	ERS1HM272M40---T
63	15	5×11	1.800	165	ERS1JM150D11---T
	15	6.3×9	1.150	145	ERS1JM150E09---T
	33	6.3×12	1.000	265	ERS1JM330E12---T
	47	6.3×12	0.800	300	ERS1JM470E12---T
	56	8×12	0.500	500	ERS1JM560F12---T
	100	8×12	0.450	550	ERS1JM101F12---T
	100	10×13	0.350	580	ERS1JM101G13---T
	120	10×13	0.330	600	ERS1JM121G13---T
	180	10×16	0.310	650	ERS1JM181G16---T
	220	10×16	0.160	680	ERS1JM221G16---T
	220	10×20	0.160	700	ERS1JM221G20---T
	330	12.5×20	0.096	1,500	ERS1JM331W20---T

RS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
63	390	12.5×25	0.090	1,900	ERS1JM391W25---T
	470	12.5×25	0.088	1,950	ERS1JM471W25---T
	470	16×20	0.080	2,000	ERS1JM471L20---T
	560	12.5×30	0.077	2,060	ERS1JM561W30---T
	680	12.5×30	0.077	2,060	ERS1JM681W30---T
	680	16×20	0.070	2,150	ERS1JM681L20---T
	820	18×20	0.065	2,300	ERS1JM821M20---T
	1,000	18×25	0.042	2,900	ERS1JM102M25---T
	1,200	16×40	0.028	3,400	ERS1JM122L40---T
	1,200	18×30	0.036	3,300	ERS1JM122M30---T
	1,500	18×35	0.032	3,400	ERS1JM152M35---T
	1,800	18×40	0.030	3,500	ERS1JM182M40---T
80	68	8×12	0.400	340	ERS1BM680F12---T
	100	8×16	0.270	460	ERS1BM101F16---T
	100	10×13	0.250	490	ERS1BM101G13---T
	120	10×13	0.220	520	ERS1BM121G13---T
	150	10×16	0.210	520	ERS1BM151G16---T
	150	12.5×13	0.200	580	ERS1BM151W13---T
	220	10×20	0.130	850	ERS1BM221G20---T
	220	12.5×20	0.100	1,100	ERS1BM221W20---T
	330	12.5×20	0.090	1,150	ERS1BM331W20---T
	330	12.5×25	0.090	1,250	ERS1BM331W25---T
	470	12.5×25	0.072	1,300	ERS1BM471W25---T
	470	16×20	0.070	1,350	ERS1BM471L20---T
	680	16×25	0.068	1,600	ERS1BM681L25---T
	820	18×25	0.060	1,750	ERS1BM821M25---T
	1,000	16×40	0.050	2,200	ERS1BM102L40---T
	1,000	18×35	0.050	2,200	ERS1BM102M35---T
	1,200	18×40	0.040	2,700	ERS1BM122M40---T
100	6.8	5×11	1.400	125	ERS1KM6R8D11---T
	10	6.3×11	1.200	140	ERS1KM100E11---T
	22	6.3×12	0.900	150	ERS1KM220E12---T
	22	8×12	0.900	197	ERS1KM220F12---T
	27	8×12	0.630	260	ERS1KM270F12---T
	47	8×12	0.560	300	ERS1KM470F12---T
	47	10×13	0.340	480	ERS1KM470G13---T
	68	8×16	0.310	500	ERS1KM680F16---T
	68	10×13	0.320	490	ERS1KM680G13---T
	82	10×13	0.280	525	ERS1KM820G13---T
	82	10×16	0.180	550	ERS1KM820G16---T
	100	10×16	0.180	550	ERS1KM101G16---T
	100	10×20	0.170	560	ERS1KM101G20---T
	120	12.5×16	0.160	700	ERS1KM121W16---T
	150	10×20	0.160	700	ERS1KM151G20---T

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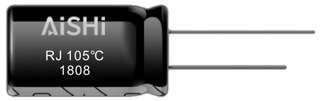
■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
100	150	12.5×20	0.140	895	ERS1KM151W20---T
	220	12.5×25	0.080	1,250	ERS1KM221W25---T
	220	13×20	0.140	895	ERS1KM221K20---T
	270	12.5×30	0.070	1,500	ERS1KM271W30---T
	330	12.5×30	0.070	1,500	ERS1KM331W30---T
	330	16×20	0.068	1,550	ERS1KM331L20---T
	470	16×25	0.050	1,640	ERS1KM471L25---T
	680	16×35	0.042	1,850	ERS1KM681L35---T
	820	18×30	0.032	2,080	ERS1KM821M30---T
120	10	6.3×11	6.000	85	ERS2BM100E11---T
	15	6.3×12	5.000	110	ERS2BM150E12---T
	22	8×12	4.000	140	ERS2BM220F12---T
	33	8×16	3.500	245	ERS2BM330F16---T
	33	10×13	3.500	245	ERS2BM330G13---T
	47	8×20	2.800	300	ERS2BM470F20---T
	47	10×16	2.800	315	ERS2BM470G16---T
	56	10×16	2.500	315	ERS2BM560G16---T
	68	10×16	2.200	315	ERS2BM680G16---T
	82	10×20	2.000	330	ERS2BM820G20---T
	100	10×25	1.700	410	ERS2BM101G25---T
	120	12.5×20	1.500	470	ERS2BM121W20---T
	150	12.5×25	1.000	620	ERS2BM151W25---T
	220	12.5×30	0.850	760	ERS2BM221W30---T
	220	16×20	0.850	760	ERS2BM221L20---T
	270	16×25	0.600	860	ERS2BM271L25---T
	270	18×20	0.600	860	ERS2BM271M20---T
	330	16×30	0.460	930	ERS2BM331L30---T
	330	18×25	0.460	930	ERS2BM331M25---T
	470	16×40	0.330	1,035	ERS2BM471L40---T
	470	18×30	0.330	1,035	ERS2BM471M30---T

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

RJ 系列/series

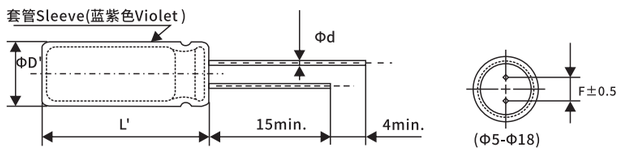


- 保证寿命：105℃ 8,000 ~ 12,000 小时
  Endurance：8,000~ 12,000 hours at 105℃
- 低阻抗，长寿命
  Low impedance, long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

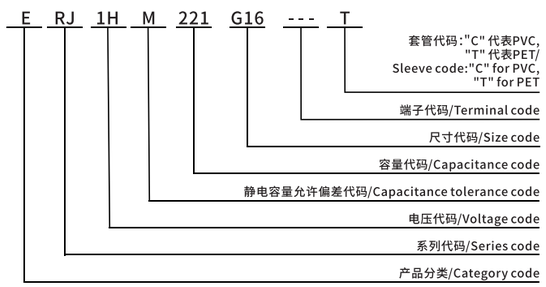
项目 Items	性能 Characteristics										
工作温度范围 Category Temperature Range	-40~+105℃										
额定电压范围 Rated Working Voltage Range	10~120Vdc										
静电容量允许偏差 Capacitance Tolerance	±20%(M)										(at 20℃,120Hz)
漏电流 Leakage Current	I≦0.01CV 或 3μA中的较大值 I：最大漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) I≤0.01CV or 3μA, whichever is greater. Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)										(20℃, 2分钟) (at 20℃ after 2 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	10	16	25	35	50	63	80	100	120	(at 20℃,120Hz)
	损耗角正切 (最大) Dissipation Factor(Max.)	0.19	0.16	0.14	0.12	0.10	0.09	0.09	0.08	0.12	
	当标称电容量超过1,000μF时，每增加1,000μF则tanδ设定增加0.02。 When nominal capacitance exceeds 1,000 μF, add 0.02 to the value above for each 1,000 μF increase.										
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	10	16	25	35	50	63	80	100	120	(at 120Hz)
	Z(-25℃)/Z(+20℃)	2								3	
	Z(-40℃)/Z(+20℃)	4	3							6	
耐久性 Endurance	在105℃环境中，连续加载直流电压与额定纹波电流达到规定时间后，待温度恢复到20℃进行测量时，应满足以下要求。 The specifications listed below shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus rated ripple current is applied for a specified period of time at 105℃.										产品直径 Case Dia. / 寿命 (小时) Life Time (hours)
	静电容量变化率 Capacitance Change	≤初始值的±25% (6.3,10V≤±30%) ≤±25% of the initial value (6.3,10V≤±30%)									ØD≤6.3 / 8,000
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value									ØD=8&10 / 10,000
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value									ØD≥12.5 / 12,000
高温贮存 Shelf Life	在105℃环境中，无负荷放置1,000 小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after leaving them under no load at 105℃ for 1,000 hours.										
	静电容量变化率 Capacitance Change	≤初始值的±25% (6.3,10V≤±30%) ≤±25% of the initial value (6.3,10V≤±30%)									
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value									
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value									

尺寸图 DIMENSIONS [mm]



ØD	5	6.3	8		10	12.5	16	18
Ød	0.5	0.5	0.5	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5		5.0	5.0	7.5	7.5
ØD'	ØD+0.5max.							
L'	L+2max.							

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Freq. (Hz) / Cap. (μF)	120	1K	10K	100K
Cap. < 47	0.42	0.70	0.90	1.00
47≤Cap. < 330	0.50	0.73	0.92	1.00
330≤Cap. < 820	0.55	0.77	0.94	1.00
820≤Cap. < 2,200	0.60	0.80	0.96	1.00
Cap.≥2,200	0.70	0.85	0.98	1.00

RJ 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
10	150	5×12	0.400	450	ERJ1AM151D12---T
	330	6.3×12	0.170	700	ERJ1AM331E12---T
	560	8×12	0.075	1,200	ERJ1AM561F12---T
	680	8×16	0.059	1,600	ERJ1AM681F16---T
	820	10×13	0.053	1,700	ERJ1AM821G13---T
	1,000	8×20	0.041	1,960	ERJ1AM102F20---T
	1,200	10×16	0.038	2,000	ERJ1AM122G16---T
	1,800	10×20	0.028	2,500	ERJ1AM182G20---T
	2,200	10×25	0.024	2,900	ERJ1AM222G25---T
	2,700	12.5×20	0.025	2,600	ERJ1AM272W20---T
	3,300	12.5×25	0.019	3,200	ERJ1AM332W25---T
	4,700	12.5×30	0.018	3,660	ERJ1AM472W30---T
	4,700	16×20	0.021	3,330	ERJ1AM472L20---T
	5,600	12.5×35	0.016	4,120	ERJ1AM562W35---T
	5,600	16×25	0.017	3,810	ERJ1AM562L25---T
16	120	5×11	0.400	450	ERJ1CM121D11---T
	270	6.3×12	0.170	700	ERJ1CM271E12---T
	270	8×9	0.220	590	ERJ1CM271F09---T
	470	8×12	0.075	1,200	ERJ1CM471F12---T
	560	8×16	0.059	1,600	ERJ1CM561F16---T
	680	10×13	0.053	1,700	ERJ1CM681G13---T
	820	8×20	0.041	1,960	ERJ1CM821F20---T
	1,000	10×16	0.038	2,000	ERJ1CM102G16---T
	1,500	10×20	0.028	2,500	ERJ1CM152G20---T
	1,800	10×25	0.024	2,900	ERJ1CM182G25---T
	2,200	12.5×20	0.025	2,600	ERJ1CM222W20---T
	2,700	12.5×25	0.019	3,200	ERJ1CM272W25---T
	3,300	12.5×30	0.018	3,660	ERJ1CM332W30---T
	3,300	16×20	0.021	3,330	ERJ1CM332L20---T
	3,900	12.5×35	0.016	4,120	ERJ1CM392W35---T
	4,700	16×25	0.017	3,810	ERJ1CM472L25---T
25	68	5×11	0.400	450	ERJ1EM680D11---T
	100	5×12	0.300	460	ERJ1EM101D12---T
	100	6.3×11	0.220	550	ERJ1EM101E11---T
	150	6.3×11	0.170	700	ERJ1EM151E11---T
	220	6.3×12	0.170	700	ERJ1EM221E12---T
	330	8×12	0.075	1,200	ERJ1EM331F12---T
	330	10×9	0.097	1,020	ERJ1EM331G09---T
	390	8×16	0.059	1,600	ERJ1EM391F16---T
	470	8×16	0.059	1,600	ERJ1EM471F16---T
	470	10×13	0.053	1,700	ERJ1EM471G13---T
	560	8×20	0.041	1,960	ERJ1EM561F20---T
	680	10×16	0.038	2,000	ERJ1EM681G16---T
	1,000	10×20	0.028	2,500	ERJ1EM102G20---T

RJ 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
25	1,200	10×25	0.024	2,900	ERJ1EM122G25---T
	1,500	12.5×20	0.025	2,600	ERJ1EM152W20---T
	1,800	12.5×25	0.019	3,200	ERJ1EM182W25---T
	2,200	12.5×30	0.018	3,660	ERJ1EM222W30---T
	2,200	16×20	0.021	3,330	ERJ1EM222L20---T
	2,700	12.5×35	0.016	4,120	ERJ1EM272W35---T
	3,300	16×25	0.017	3,810	ERJ1EM332L25---T
35	47	5×11	0.400	450	ERJ1VM470D11---T
	47	6.3×9	0.520	380	ERJ1VM470E09---T
	68	5×12	0.400	460	ERJ1VM680D12---T
	100	6.3×11	0.170	700	ERJ1VM101E11---T
	100	8×9	0.220	590	ERJ1VM101F09---T
	180	8×12	0.075	1,200	ERJ1VM181F12---T
	220	8×12	0.075	1,210	ERJ1VM221F12---T
	220	8×16	0.059	1,600	ERJ1VM221F16---T
	270	10×13	0.053	1,700	ERJ1VM271G13---T
	330	8×20	0.041	1,960	ERJ1VM331F20---T
	330	10×13	0.052	1,780	ERJ1VM331G13---T
	390	10×16	0.038	2,000	ERJ1VM391G16---T
	560	10×20	0.028	2,500	ERJ1VM561G20---T
	680	10×25	0.024	2,900	ERJ1VM681G25---T
	820	12.5×20	0.025	2,600	ERJ1VM821W20---T
	1,200	12.5×25	0.019	3,200	ERJ1VM122W25---T
	1,500	12.5×30	0.018	3,660	ERJ1VM152W30---T
	1,500	16×20	0.021	3,330	ERJ1VM152L20---T
	1,800	12.5×35	0.016	4,120	ERJ1VM182W35---T
	1,800	16×25	0.017	3,810	ERJ1VM182L25---T
50	22	5×11	0.420	255	ERJ1HM220D11---T
	47	6.3×11	0.300	320	ERJ1HM470E11---T
	56	6.3×11	0.220	500	ERJ1HM560E11---T
	56	8×9	0.290	425	ERJ1HM560F09---T
	100	8×12	0.120	950	ERJ1HM101F12---T
	100	10×9	0.160	800	ERJ1HM101G09---T
	120	8×16	0.082	1,230	ERJ1HM121F16---T
	150	8×12	0.120	950	ERJ1HM151F12---T
	150	10×13	0.073	1,280	ERJ1HM151G13---T
	180	8×20	0.058	1,580	ERJ1HM181F20---T
	220	10×13	0.072	1,290	ERJ1HM221G13---T
	220	10×16	0.053	1,650	ERJ1HM221G16---T
	330	10×16	0.053	1,650	ERJ1HM331G16---T
	330	10×20	0.038	2,060	ERJ1HM331G20---T
	390	10×25	0.032	2,420	ERJ1HM391G25---T
	470	10×20	0.038	2,060	ERJ1HM471G20---T
	470	12.5×20	0.032	2,300	ERJ1HM471W20---T

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电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
50	680	12.5×25	0.025	2,800	ERJ1HM681W25---T
	820	12.5×30	0.023	3,370	ERJ1HM821W30---T
	820	16×20	0.026	3,070	ERJ1HM821L20---T
	1,000	12.5×35	0.021	3,810	ERJ1HM102W35---T
	1,000	16×25	0.022	3,510	ERJ1HM102L25---T
63	10	5×11	1.800	160	ERJ1JM100D11---T
	22	6.3×11	0.690	275	ERJ1JM220E11---T
	47	6.3×12	0.280	420	ERJ1JM470E12---T
	47	8×9	0.360	350	ERJ1JM470F09---T
	82	8×12	0.180	720	ERJ1JM820F12---T
	82	10×9	0.240	610	ERJ1JM820G09---T
	100	8×12	0.210	720	ERJ1JM101F12---T
	100	8×16	0.130	990	ERJ1JM101F16---T
	120	10×13	0.110	990	ERJ1JM121G13---T
	150	8×20	0.096	1,200	ERJ1JM151F20---T
	150	10×13	0.160	950	ERJ1JM151G13---T
	180	10×16	0.076	1,200	ERJ1JM181G16---T
	220	10×20	0.070	1,420	ERJ1JM221G20---T
	270	10×20	0.056	1,570	ERJ1JM271G20---T
	270	12.5×16	0.072	1,570	ERJ1JM271W16---T
	330	10×25	0.046	1,990	ERJ1JM331G25---T
	390	12.5×20	0.041	1,990	ERJ1JM391W20---T
	470	12.5×25	0.031	2,460	ERJ1JM471W25---T
	560	12.5×30	0.028	2,760	ERJ1JM561W30---T
	560	16×20	0.032	2,380	ERJ1JM561L20---T
	680	12.5×35	0.024	3,040	ERJ1JM681W35---T
	820	16×25	0.025	2,890	ERJ1JM821L25---T
	820	18×20	0.030	2,580	ERJ1JM821M20---T
80	12	5×11	1.200	220	ERJ1BM120D11---T
	27	6.3×11	0.460	370	ERJ1BM270E11---T
	47	8×12	0.290	620	ERJ1BM470F12---T
	47	10×9	0.380	520	ERJ1BM470G09---T
	56	8×16	0.200	780	ERJ1BM560F16---T
	68	10×13	0.170	780	ERJ1BM680G13---T
	82	8×20	0.160	1,040	ERJ1BM820F20---T
	100	10×13	0.200	750	ERJ1BM101G13---T
	100	10×16	0.110	1,040	ERJ1BM101G16---T
	150	10×20	0.084	1,430	ERJ1BM151G20---T
	150	12.5×16	0.110	1,430	ERJ1BM151W16---T
	180	10×25	0.069	1,620	ERJ1BM181G25---T
	220	12.5×20	0.062	1,750	ERJ1BM221W20---T
	270	12.5×25	0.047	2,210	ERJ1BM271W25---T
	330	12.5×30	0.042	2,400	ERJ1BM331W30---T
	330	16×20	0.048	1,950	ERJ1BM331L20---T

RJ 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
80	390	12.5×35	0.036	2,600	ERJ1BM391W35---T
	470	12.5×40	0.032	2,860	ERJ1BM471W40---T
	470	16×25	0.038	2,430	ERJ1BM471L25---T
	470	18×20	0.045	2,270	ERJ1BM471M20---T
	560	16×30	0.032	2,640	ERJ1BM561L30---T
	680	16×35	0.029	2,860	ERJ1BM681L35---T
	680	18×25	0.036	2,500	ERJ1BM681M25---T
	820	16×40	0.027	3,510	ERJ1BM821L40---T
	820	18×30	0.030	2,860	ERJ1BM821M30---T
	1,000	18×35	0.027	3,510	ERJ1BM102M35---T
	1,200	18×40	0.026	3,860	ERJ1BM122M40---T
100	8.2	5×11	1.200	220	ERJ1KM8R2D11---T
	18	6.3×11	0.460	370	ERJ1KM180E11---T
	22	8×12	0.320	540	ERJ1KM220F12---T
	33	8×12	0.290	620	ERJ1KM330F12---T
	33	10×9	0.380	520	ERJ1KM330G09---T
	47	8×12	0.290	620	ERJ1KM470F12---T
	47	8×16	0.200	780	ERJ1KM470F16---T
	56	10×13	0.170	780	ERJ1KM560G13---T
	68	8×16	0.200	780	ERJ1KM680F16---T
	82	10×16	0.110	1,040	ERJ1KM820G16---T
	100	10×16	0.140	1,000	ERJ1KM101G16---T
	100	10×20	0.084	1,430	ERJ1KM101G20---T
	120	10×20	0.084	1,430	ERJ1KM121G20---T
	150	10×20	0.120	1,300	ERJ1KM151G20---T
	150	12.5×20	0.062	1,750	ERJ1KM151W20---T
	220	12.5×25	0.047	2,210	ERJ1KM221W25---T
	270	12.5×30	0.042	2,400	ERJ1KM271W30---T
	270	16×20	0.048	1,950	ERJ1KM271L20---T
	330	12.5×35	0.036	2,600	ERJ1KM331W35---T
	390	12.5×40	0.032	2,860	ERJ1KM391W40---T
	390	16×25	0.038	2,430	ERJ1KM391L25---T
	390	18×20	0.045	2,270	ERJ1KM391M20---T
	470	16×30	0.032	2,640	ERJ1KM471L30---T
	470	18×25	0.036	2,500	ERJ1KM471M25---T
	560	16×35	0.029	2,860	ERJ1KM561L35---T
	560	18×30	0.030	2,860	ERJ1KM561M30---T
	680	16×40	0.027	3,510	ERJ1KM681L40---T
	680	18×35	0.027	3,510	ERJ1KM681M35---T
	820	18×40	0.026	3,860	ERJ1KM821M40---T
120	10	6.3×11	4.600	110	ERJ2BM100E11---T
	15	6.3×12	3.800	145	ERJ2BM150E12---T
	18	8×9	3.500	165	ERJ2BM180F09---T
	22	8×12	3.000	180	ERJ2BM220F12---T

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

RJ 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
120	33	8×16	2.500	320	ERJ2BM330F16---T
	33	10×13	2.500	320	ERJ2BM330G13---T
	47	8×20	2.200	385	ERJ2BM470F20---T
	47	10×16	2.000	400	ERJ2BM470G16---T
	56	10×16	1.900	410	ERJ2BM560G16---T
	68	10×16	1.800	420	ERJ2BM680G16---T
	82	10×20	1.600	435	ERJ2BM820G20---T
	100	10×25	1.300	540	ERJ2BM101G25---T
	120	12.5×20	1.100	750	ERJ2BM121W20---T
	150	12.5×25	0.850	810	ERJ2BM151W25---T
	220	12.5×30	0.650	990	ERJ2BM221W30---T
	220	16×20	0.650	990	ERJ2BM221L20---T
	270	16×25	0.470	1,125	ERJ2BM271L25---T
	270	18×20	0.470	1,125	ERJ2BM271M20---T
	330	16×30	0.360	1,215	ERJ2BM331L30---T
	330	18×25	0.360	1,215	ERJ2BM331M25---T
	470	16×40	0.260	1,350	ERJ2BM471L40---T
	470	18×30	0.260	1,350	ERJ2BM471M30---T

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

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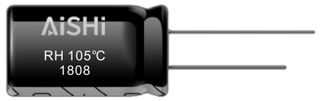
RH 系列/series

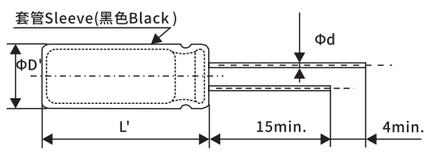


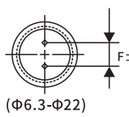
- 保证寿命:+105℃ 2000~3000小时
  Endurance:2,000~3,000 hours at 105℃
- 符合RoHS
  RoHS Compliant
- 高压,高纹波
  High voltage,high ripple current

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics										
工作温度范围 Category Temperature Range	-40 ~ +105℃(160~450Vdc)　　-25 ~ +105℃(500~550Vdc)										
额定电压范围 Rated Working Voltage Range	160 ~ 550Vdc										
静电容量允许偏差 Capacitance Tolerance	±20%(M)										(at 20℃,120Hz)
漏电流 Leakage Current	I≦0.02CV 或 10μA中的较大值(160至450Vdc)　　I≦0.03CV 或 10μA中的较大值(500至550Vdc) I≦0.02CV or 10μA, Whichever is greater(160 to 450Vdc)　　I≦0.03CV or 10μA, Whichever is greater(500 to 550Vdc) I:最大漏电流 (μA), C:静电容量 (μF), V:额定电压 (V) Where, I: Max. leakage current (μA), C: Nominal capacitance (μF), V: Rated voltage (V)										(20℃, 2分钟) (at 20℃ after 2 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	160	200	250	350	400	420	450	500	550	(at 20℃,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.12	0.12	0.12	0.15	0.15	0.20	0.20	0.24	0.24	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	160	200	250	350	400	420	450	500	550	(at 120Hz)
	Z(-25℃)/Z(+20℃)	3	5				6		8	15	
	Z(-40℃)/Z(+20℃)	4	7				10		-		
耐久性 Endurance	在105℃环境中,连续加载直流电压与额定纹波电流一段规定时间后,待温度恢复到20℃进行测量时,应满足以下要求。 The following specification shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus the rated ripple current is applied for the specified period of time at 105℃.										
	静电容量变化率 Capacitance Change	≤初始值的±20%(550Vdc:≤初始值的±30%) ≤±20% of the initial value(550Vdc:≤±30% of the initial value)							产品直径 Case Dia.		寿命(小时) Life Time (hours)
	损耗角正切值 Dissipation Factor	≤初始规格值的200%(550Vdc:≤初始规格值的300%) ≤200% of the initial specified value(550Vdc:≤300% of the initial specified value)							ØD≤ 8		2,000
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value							ØD≥10		3,000
高温贮存 Shelf Life	在105℃环境中,无负荷放置1,000 小时后,待温度恢复到20℃进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 105℃ without voltage applied.										
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value									
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value									
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value									

尺寸图 DIMENSIONS [mm]

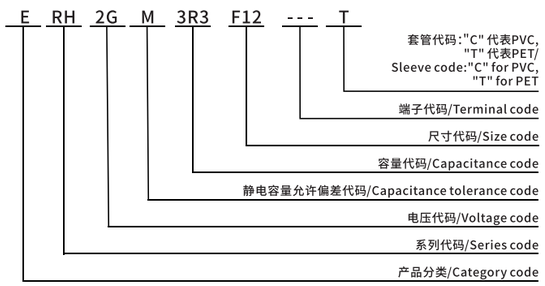




ØD	6.3	8		10	12.5	13	16	18	20	22※
Ød	0.5	0.5	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8
F	2.5	3.5		5.0	5.0	5.0	7.5	7.5	10.0	10.0
ØD'	ØD+0.5max.									
L'	L+2max.									

※22x55/22x60 Ød=1.0,L'=L+3max.

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	120	1K	10K	100K
Cap.＜10	0.40	0.70	0.92	1.00
10≤Cap.＜100	0.56	0.83	0.95	1.00
100≤Cap.≤1,000	0.67	0.87	0.96	1.00

RH 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
160	2.2	6.3×9	70	ERH2CM2R2E09---T
	3.3	6.3×11	103	ERH2CM3R3E11---T
	4.7	8×12	121	ERH2CM4R7F12---T
	10	10×12	150	ERH2CM100G12---T
	22	10×12	213	ERH2CM220G12---T
	33	10×16	283	ERH2CM330G16---T
	47	12.5×16	348	ERH2CM470W16---T
	100	12.5×20	567	ERH2CM101W20---T
	220	16×25	767	ERH2CM221L25---T
200	2.2	6.3×11	77	ERH2DM2R2E11---T
	3.3	6.3×11	103	ERH2DM3R3E11---T
	4.7	8×12	121	ERH2DM4R7F12---T
	10	10×12	152	ERH2DM100G12---T
	22	10×12	196	ERH2DM220G12---T
	22	10×16	228	ERH2DM220G16---T
	33	10×16	304	ERH2DM330G16---T
	33	12.5×14	345	ERH2DM330W14---T
	47	12.5×16	395	ERH2DM470W16---T
	56	12.5×20	456	ERH2DM560W20---T
	68	10×25	464	ERH2DM680G25---T
	82	10×30	574	ERH2DM820G30---T
	100	16×20	600	ERH2DM101L20---T
	120	16×25	801	ERH2DM121L25---T
	150	18×25	908	ERH2DM151M25---T
	180	12.5×35	948	ERH2DM181W35---T
	220	18×30	1,032	ERH2DM221M30---T
250	1	6.3×9	54	ERH2EM010E09---T
	2.2	6.3×11	77	ERH2EM2R2E11---T
	3.3	8×12	106	ERH2EM3R3F12---T
	4.7	8×12	124	ERH2EM4R7F12---T
	10	10×12	152	ERH2EM100G12---T
	22	10×16	205	ERH2EM220G16---T
	33	12.5×16	280	ERH2EM330W160---T
	47	12.5×20	355	ERH2EM470W20---T
	56	12.5×20	452	ERH2EM560W20---T
	82	16×20	620	ERH2EM820L20---T
	100	16×25	780	ERH2EM101L25---T
	220	18×30	1,050	ERH2EM221M30---T
	330	18×40	1,150	ERH2EM331M40---T
	470	22×46	1,290	ERH2EM471O46---T
350	1	6.3×9	54	ERH2VM010E09---T
	2.2	8×12	80	ERH2VM2R2F12---T
	3.3	8×12	109	ERH2VM3R3F12---T
	3.3	10×12	118	ERH2VM3R3G12---T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
350	4.7	10×12	143	ERH2VM4R7G12---T
	10	10×16	179	ERH2VM100G16---T
	22	12.5×20	301	ERH2VM220W20---T
	47	16×25	480	ERH2VM470L25---T
400	1	6.3×11	41	ERH2GM010E11---T
	2.2	6.3×11	63	ERH2GM2R2E11---T
	3.3	6.3×12	93	ERH2GM3R3E12---T
	3.3	8×12	100	ERH2GM3R3F12---T
	4.7	8×12	117	ERH2GM4R7F12---T
	10	10×14	166	ERH2GM100G14---T
	10	10×16	177	ERH2GM100G16---T
	22	10×18	233	ERH2GM220G18---T
	27	10×18	280	ERH2GM270G18---T
	33	13×20	390	ERH2GM330K20---T
	33	16×20	487	ERH2GM330L20---T
	39	10×30	422	ERH2GM390G30---T
	47	16×20	652	ERH2GM470L20---T
	56	12.5×30	700	ERH2GM560W30---T
	56	16×20	700	ERH2GM560L20---T
	68	16×25	800	ERH2GM680L25---T
	68	18×25	870	ERH2GM680M25---T
	82	12.5×40	880	ERH2GM820W40---T
	82	18×25	880	ERH2GM820M25---T
	100	12.5×50	900	ERH2GM101W50---T
	100	18×30	900	ERH2GM101M30---T
	120	18×30	950	ERH2GM121M30---T
	150	18×35	1,024	ERH2GM151M35---T
	150	22×31	1,050	ERH2GM151O31---T
	180	18×40	1,119	ERH2GM181M40---T
	180	22×31	1,125	ERH2GM181O31---T
	220	18×50	1,288	ERH2GM221M50---T
	220	22×35	1,282	ERH2GM221O35---T
	250	20×45	1,376	ERH2GM251N45---T
	250	22×40	1,376	ERH2GM251O40---T
	270	20×50	1,458	ERH2GM271N50---T
	270	22×46	1,452	ERH2GM271O46---T
	300	20×55	1,540	ERH2GM301N55---T
	300	22×50	1,533	ERH2GM301O50---T
	330	22×55	1,601	ERH2GM331O55---THO
	350	20×60	1,655	ERH2GM351N60---T
	390	22×60	1,703	ERH2GM391O60---THO
420	120	18×30	960	ERH2TM121M30---T
	150	18×35	1,024	ERH2TM151M35---T
	150	20×30	1,037	ERH2TM151N30---T

RH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
420	180	18×40	1,119	ERH2TM181M40—-T
	180	20×35	1,133	ERH2TM181N35—-T
	180	22×30	1,125	ERH2TM181O30—-T
	220	18×45	1,288	ERH2TM221M45—-T
	220	20×40	1,295	ERH2TM221N40—-T
	220	22×35	1,282	ERH2TM221O35—-T
	250	20×45	1,328	ERH2TM251N45—-T
	250	22×40	1,328	ERH2TM251O40—-T
	270	18×50	1,388	ERH2TM271M50—-T
	270	20×50	1,407	ERH2TM271N50—-T
	270	22×46	1,401	ERH2TM271O46—-T
	300	18×55	1,547	ERH2TM301M55—-T
	300	20×55	1,569	ERH2TM301N55—-T
	300	22×50	1,561	ERH2TM301O50—-T
	330	18×60	1,631	ERH2TM331M60—-T
	330	22×55	1,631	ERH2TM331O55—THO
	350	20×60	1,685	ERH2TM351N60—-T
	390	22×60	1,734	ERH2TM391O60—THO
450	1	8×9	54	ERH2WM010F09—-T
	2.2	8×12	72	ERH2WM2R2F12—-T
	3.3	8×12	83	ERH2WM3R3F12—-T
	4.7	8×12	85	ERH2WM4R7F12—-T
	8.2	10×12	92	ERH2WM8R2G12—-T
	10	10×14	98	ERH2WM100G14—-T
	10	10×16	101	ERH2WM100G16—-T
	18	10×18	145	ERH2WM180G18—-T
	22	13×16	221	ERH2WM220K16—-T
	22	16×20	338	ERH2WM220L20—-T
	33	10×35	430	ERH2WM330G35—-T
	33	18×20	420	ERH2WM330M20—-T
	39	10×40	500	ERH2WM390G40—-T
	47	10×45	600	ERH2WM470G45—-T
	47	12.5×30	600	ERH2WM470W30—-T
	47	16×25	592	ERH2WM470L25—-T
	56	12.5×35	670	ERH2WM560W35—-T
	56	18×20	656	ERH2WM560M20—-T
	68	12.5×40	740	ERH2WM680W40—-T
	68	18×25	704	ERH2WM680M25—-T
	82	12.5×45	850	ERH2WM820W45—-T
	82	18×30	853	ERH2WM820M30—-T
	100	18×30	900	ERH2WM101M30—-T
	120	18×35	960	ERH2WM121M35—-T
	120	20×30	960	ERH2WM121N30—-T
	150	18×40	1,045	ERH2WM151M40—-T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
450	150	20×35	987	ERH2WM151N35—-T
	150	22×30	958	ERH2WM151O30—-T
	200	18×45	1,164	ERH2WM201M45—-T
	200	20×40	1,179	ERH2WM201N40—-T
	200	22×35	1,041	ERH2WM201O35—-T
	220	20×45	1,288	ERH2WM221N45—-T
	220	22×40	1,273	ERH2WM221O40—-T
	250	18×50	1,273	ERH2WM251M50—-T
	250	20×50	1,350	ERH2WM251N50—-T
	250	22×46	1,350	ERH2WM251O46—-T
	270	18×55	1,374	ERH2WM271M55—-T
	270	20×55	1,491	ERH2WM271N55—-T
	270	22×50	1,550	ERH2WM271O50—-T
	300	18×60	1,600	ERH2WM301M60—-T
	300	22×55	1,650	ERH2WM301O55—-THO
	330	20×60	1,700	ERH2WM331N60—-T
	350	22×60	1,758	ERH2WM351O60—-THO
500	68	18×30	785	ERH2HM680M30—-T
	82	18×35	843	ERH2HM820M35—-T
	82	20×30	843	ERH2HM820N30—-T
	100	18×40	925	ERH2HM101M40—-T
	100	20×35	932	ERH2HM101N35—-T
	100	22×30	932	ERH2HM101O30—-T
	120	18×45	970	ERH2HM121M45—-T
	120	18×50	1,000	ERH2HM121M50—-T
	120	20×40	970	ERH2HM121N40—-T
	120	20×45	970	ERH2HM121N45—-T
	120	22×35	992	ERH2HM121O35—-T
	150	18×55	1,119	ERH2HM151M55—-T
	150	18×60	1,119	ERH2HM151M60—-T
	150	20×50	1,119	ERH2HM151N50—-T
	150	22×40	1,119	ERH2HM151O40—-T
	180	20×55	1,268	ERH2HM181N55—-T
	180	20×60	1,268	ERH2HM181N60—-T
	180	22×46	1,268	ERH2HM181O46—-T
	200	22×50	1,417	ERH2HM201O50—-T
	220	22×55	1,492	ERH2HM221O55—THO
	250	22×60	1,641	ERH2HM251O60—THO
550	47	18×30	589	ERH2JM470M30—T
	56	18×35	650	ERH2JM560M35—T
	56	20×30	650	ERH2JM560N30—-T
	68	18×40	720	ERH2JM680M40—T
	68	20×35	720	ERH2JM680N35—-T
	82	18×45	780	ERH2JM820M45—T

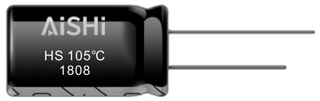
RH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
550	82	20×40	780	ERH2JM820N40—-T
	82	22×30	780	ERH2JM820O30—-T
	100	18×50	832	ERH2JM101M50—-T
	100	20×45	832	ERH2JM101N45—-T
	100	22×35	835	ERH2JM101O35—-T
	120	18×55	873	ERH2JM121M55—-T
	120	20×50	873	ERH2JM121N50—-T
	120	20×55	895	ERH2JM121N55—-T
	120	22×40	873	ERH2JM121O40—-T
	120	22×46	895	ERH2JM121O46—-T
	150	18×60	1,007	ERH2JM151M60—-T
	150	20×60	1,007	ERH2JM151N60—-T
	150	22×50	1,007	ERH2JM151O50—-T
	180	22×55	1,141	ERH2JM181O55—-THO
	180	22×60	1,164	ERH2JM181O60—-THO

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

HS 系列/series

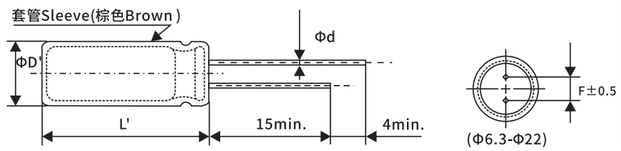


- 保证寿命:+105℃ 3,000~5,000小时
  Endurance:3,000~5,000 hours at 105℃
- 高压,长寿命
  High voltage,long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics												
工作温度范围 Category Temperature Range	-40 ~ +105℃(160~450Vdc) -25 ~ +105℃(475~550Vdc)												
额定电压范围 Rated Working Voltage Range	160 ~ 550Vdc												
静电容量允许偏差 Capacitance Tolerance	±20%(M) (at 20°C,120Hz)												
漏电流 Leakage Current		1分钟之后 After 1 minute	5分钟之后 After 5 minutes										
	CV≦1,000	I≦0.1CV+40μA	I≦0.03CV+15μA										
	CV ＞1,000	I≦0.04CV+100μA	I≦0.02CV+25μA										
	I : 最大漏电流 (μA), C : 静电容量 (μF), V : 额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20°C)												
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	160	200	250	350	400	420	450	475	500	525	550	(at 20°C,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.15			0.20				0.24				
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	160	200	250	350	400	420	450	475	500	525	550	(at 120Hz)
	Z(-25℃)/Z(+20℃)	3			6				8				
	Z(-40℃)/Z(+20℃)	8			10		12	15	-				
耐久性 Endurance	在105°C环境中,连续加载直流电压与额定纹波电流一段规定时间后,待温度恢复到20°C进行测量时,应满足以下要求。 The following specification shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for the specified period of time at 105°C.												
	静电容量变化率 Capacitance Change	≤初始值的±20%(525 ~550Vdc: ≤初始值的±30%) ≤±20% of the initial value (525 ~550Vdc:≤±30% of the initial value)			产品直径 Case Dia.	寿命(小时) Life Time (hours)							
	损耗角正切值 Dissipation Factor	≤初始规格值的200%(525~550Vdc:≤初始规格值的300%) ≤200% of the initial specified value (525 ~550Vdc:≤300% of the initial specified value)			ØD≤ 8	3,000							
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value			ØD≥10	5,000							
高温贮存 Shelf Life	在105°C环境中,无负荷放置1,000 小时后,待温度恢复到20°C进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.												
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value											
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value											
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value											

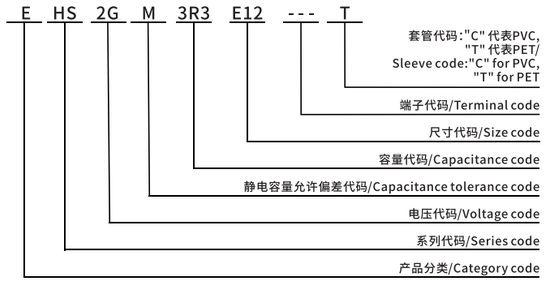
尺寸图 DIMENSIONS [mm]



ØD	6.3	8		10	12.5	13	16	18	20	22※
Ød	0.5	0.5	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8
F	2.5	3.5		5.0	5.0	5.0	7.5	7.5	10.0	10.0
ØD'	ØD+0.5max.									
L'	L+2max.									

※22x55/22x60 Ød=1.0,L'=L+3max.

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	120	1K	10K	100K
＜100	1.00	1.75	2.25	2.50
≧100	1.00	1.67	2.05	2.25

HS 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105°C, 120Hz)	料号 Part Number
160	1	6.3X9	15	EHS2CM010E09-—T
	2.2	6.3X9	22	EHS2CM2R2E09-—T
	3.3	6.3X9	30	EHS2CM3R3E09-—T
	4.7	6.3X9	37	EHS2CM4R7E09-—T
	6.8	8X9	62	EHS2CM6R8F09—T
	8.2	8X9	70	EHS2CM8R2F09—T
	10	8X9	72	EHS2CM100F09-—T
	15	8X11	100	EHS2CM150F11-—T
	18	8X12	125	EHS2CM180F12-—T
	22	8X12	140	EHS2CM220F12-—T
	22	10X10	145	EHS2CM220G10—T
	33	10X12	180	EHS2CM330G12—T
	47	10X14	210	EHS2CM470G14—T
	68	10X18	320	EHS2CM680G18—T
	68	12.5X16	370	EHS2CM680W16-—T
	82	12.5X16	385	EHS2CM820W16-—T
	82	12.5X18	395	EHS2CM820W18-—T
	100	12.5X20	430	EHS2CM101W20-—T
	100	16X16	445	EHS2CM101L16-—T
	150	12.5X25	465	EHS2CM151W25-—T
	150	16X20	500	EHS2CM151L20-—T
	220	16X25	815	EHS2CM221L25-—T
	270	16X30	880	EHS2CM271L30-—T
	270	18X25	890	EHS2CM271M25-—T
200	1	6.3X9	15	EHS2DM010E09-—T
	2.2	6.3X9	20	EHS2DM2R2E09-—T
	3.3	6.3X9	28	EHS2DM3R3E09-—T
	4.7	6.3X9	35	EHS2DM4R7E09-—T
	6.8	8X9	60	EHS2DM6R8F09—T
	8.2	8X9	65	EHS2DM8R2F09—T
	10	8X9	70	EHS2DM100F09-—T
	15	8X11	80	EHS2DM150F11-—T
	18	8X14	95	EHS2DM180F14-—T
	22	8X16	140	EHS2DM220F16-—T
	22	10X12	155	EHS2DM220G12—T
	33	10X14	160	EHS2DM330G14—T
	47	10X16	215	EHS2DM470G16—T
	68	12.5X18	310	EHS2DM680W18-—T
	82	12.5X20	355	EHS2DM820W20-—T
	100	12.5X22	395	EHS2DM101W22-—T
	100	16X16	450	EHS2DM101L16-—T
	150	12.5X35	600	EHS2DM151W35-—T
	150	16X25	620	EHS2DM151L25-—T
	220	18X25	680	EHS2DM221M25-—T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105°C, 120Hz)	料号 Part Number
200	270	18X30	750	EHS2DM271M30-—T
250	1	6.3X9	15	EHS2EM010E09-—T
	2.2	6.3X9	20	EHS2EM2R2E09-—T
	3.3	6.3X9	25	EHS2EM3R3E09-—T
	4.7	6.3X12	55	EHS2EM4R7E12-—T
	6.8	8X9	65	EHS2EM6R8F09-—T
	8.2	8X9	75	EHS2EM8R2F09-—T
	10	8X12	95	EHS2EM100F12-—T
	15	8X14	105	EHS2EM150F14-—T
	18	10X12	150	EHS2EM180G12-—T
	22	10X14	168	EHS2EM220G14-—T
	33	10X16	210	EHS2EM330G16-—T
	47	12.5X18	320	EHS2EM470W18-—T
	56	12.5X20	350	EHS2EM560W20-—T
	82	12.5X25	450	EHS2EM820W25-—T
	82	16X18	475	EHS2EM820L18-—T
	100	12.5X30	510	EHS2EM101W30-—T
	100	16X25	530	EHS2EM101L25-—T
	150	18X25	550	EHS2EM151M25-—T
	150	16X30	570	EHS2EM151L30-—T
	220	18X30	710	EHS2EM221M30-—T
	270	18X35	780	EHS2EM271M35-—T
350	1	6.3X9	20	EHS2VM010E09-—T
	2.2	6.3X11	30	EHS2VM2R2E11-—T
	3.3	6.3X12	40	EHS2VM3R3E12-—T
	4.7	8X9	47	EHS2VM4R7F09-—T
	6.8	8X11	65	EHS2VM6R8F11-—T
	8.2	8X12	78	EHS2VM8R2F12-—T
	10	8X14	83	EHS2VM100F14-—T
	15	10X12	125	EHS2VM150G12-—T
	18	10X14	160	EHS2VM180G14-—T
	22	10X16	175	EHS2VM220G16-—T
	33	12.5X18	240	EHS2VM330W18-—T
	47	12.5X22	275	EHS2VM470W22-—T
	68	12.5X35	395	EHS2VM680W35-—T
	82	16X25	475	EHS2VM820L25-—T
	100	16X30	520	EHS2VM101L30-—T
	100	18X25	530	EHS2VM101M25-—T
	150	18X30	570	EHS2VM151M30-—T
	220	18X40	720	EHS2VM221M40-—T
400	1	6.3X9	20	EHS2GM010E09-—T
	2.2	6.3X11	30	EHS2GM2R2E11-—T
	3.3	6.3X12	40	EHS2GM3R3E12-—T
	4.7	8X9	47	EHS2GM4R7F09-—T

HS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
400	6.8	8X11	65	EHS2GM6R8F11—T
	8.2	8X12	78	EHS2GM8R2F12-—T
	10	8X16	95	EHS2GM100F16-—T
	10	10X10	100	EHS2GM100G10-—T
	15	10X12	130	EHS2GM150G12-—T
	15	10X14	140	EHS2GM150G14-—T
	18	10X16	165	EHS2GM180G16-—T
	22	10X16	180	EHS2GM220G16-—T
	22	12.5X16	210	EHS2GM220W16-—T
	33	12.5X18	260	EHS2GM330W18-—T
	33	12.5X20	275	EHS2GM330W20-—T
	47	12.5X25	350	EHS2GM470W25-—T
	47	16X18	365	EHS2GM470L18-—T
	56	12.5X30	385	EHS2GM560W30-—T
	68	16X25	420	EHS2GM680L25-—T
	82	16X30	475	EHS2GM820L30-—T
	82	18X25	500	EHS2GM820M25-—T
	100	18X25	540	EHS2GM101M25-—T
	100	18X30	560	EHS2GM101M30-—T
	150	18X40	750	EHS2GM151M40-—T
	180	18X40	850	EHS2GM181M40-—T
	200	18X45	886	EHS2GM201M45-—T
	200	20X40	886	EHS2GM201N40-—T
	220	18X50	932	EHS2GM221M50-—T
	220	20X45	932	EHS2GM221N45-—T
	250	22X40	1,025	EHS2GM251O40-—T
	270	20X50	1,119	EHS2GM271N50-—T
	300	18X60	1,212	EHS2GM301M60-—T
	300	20X55	1,212	EHS2GM301N55-—T
	300	22X46	1,165	EHS2GM301O46-—T
	330	20X60	1,280	EHS2GM331N60-—T
	330	22X50	1,280	EHS2GM331O50-—T
	350	22X55	1,300	EHS2GM351O55-—THO
	420	22X60	1,400	EHS2GM421O60-—THO
420	1	6.3X9	20	EHS2TM010E09—T
	2.2	6.3X11	30	EHS2TM2R2E11-—T
	3.3	6.3X12	40	EHS2TM3R3E12-—T
	4.7	8X9	47	EHS2TM4R7F09-—T
	6.8	8X11	65	EHS2TM6R8F11-—T
	8.2	8X12	80	EHS2TM8R2F12-—T
	8.2	10X10	82	EHS2TM8R2G10-—T
	10	8X16	95	EHS2TM100F16-—T
	10	10X12	100	EHS2TM100G12-—T
	15	10X14	140	EHS2TM150G14-—T
420	15	10X16	145	EHS2TM150G16—T
	18	10X16	165	EHS2TM180G16—T
	22	10X18	180	EHS2TM220G18—T
	22	12.5X16	210	EHS2TM220W16-—T
	33	12.5X20	260	EHS2TM330W20-—T
	33	13X18	260	EHS2TM330K18-—T
	47	12.5X25	355	EHS2TM470W25-—T
	47	16X20	370	EHS2TM470L20-—T
	56	16X25	420	EHS2TM560L25-—T
	82	16X30	540	EHS2TM820L30-—T
	82	18X25	550	EHS2TM820M25-—T
	100	18X30	580	EHS2TM101M30-—T
	150	18X40	750	EHS2TM151M40-—T
450	1	6.3X9	20	EHS2WM010E09-—T
	2.2	6.3X11	30	EHS2WM2R2E11—T
	3.3	8X9	40	EHS2WM3R3F09-—T
	3.3	8X11	45	EHS2WM3R3F11-—T
	4.7	8X11	50	EHS2WM4R7F11-—T
	6.8	8X12	68	EHS2WM6R8F12-—T
	8.2	10X10	85	EHS2WM8R2G10-—T
	10	8X16	100	EHS2WM100F16-—T
	10	10X12	105	EHS2WM100G12-—T
	15	10X16	150	EHS2WM150G16-—T
	18	10X18	170	EHS2WM180G18-—T
	22	12.5X16	185	EHS2WM220W16-—T
	33	12.5X22	235	EHS2WM330W22-—T
	33	16X18	290	EHS2WM330L18-—T
	47	16X20	370	EHS2WM470L20-—T
	47	16X25	390	EHS2WM470L25-—T
	56	18X20	430	EHS2WM560M20-—T
	82	16X35	550	EHS2WM820L35-—T
	82	18X30	560	EHS2WM820M30-—T
	100	18X31	600	EHS2WM101M31-—T
	150	18X40	800	EHS2WM151M40-—T
	180	18X45	864	EHS2WM181M45-—T
	180	20X40	864	EHS2WM181N40-—T
	200	18X50	905	EHS2WM201M50-—T
	200	20X45	905	EHS2WM201N45-—T
	200	22X40	905	EHS2WM201O40-—T
	220	18X55	1,000	EHS2WM221M55-—T
	220	20X50	1,000	EHS2WM221N50-—T
	250	18X60	1,027	EHS2WM251M60-—T
	250	20X55	1,027	EHS2WM251N55-—T
	250	22X46	1,027	EHS2WM251O46-—T

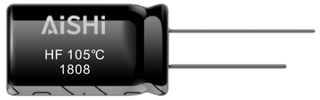
HS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
450	270	20X60	1,110	EHS2WM271N60-—T
	270	22X50	1,110	EHS2WM271O50-—T
	330	22X55	1,280	EHS2WM331O55-—THO
	350	22X60	1,320	EHS2WM351O60-—THO
475	150	18X50	800	EHS3DM151M50-—T
	150	20X40	820	EHS3DM151N40-—T
	180	18X55	883	EHS3DM181M55-—T
	200	18X60	902	EHS3DM201M60-—T
	200	20X50	912	EHS3DM201N50-—T
	200	22X46	923	EHS3DM201O46-—T
	220	20X55	1,000	EHS3DM221N55-—T
	250	20X60	1,050	EHS3DM251N60-—T
	250	22X55	1,050	EHS3DM251O55-—THO
	270	22X60	1,110	EHS3DM271O60-—THO
500	4.7	8X14	30	EHS2HM4R7F14—T
	5.6	10X12	50	EHS2HM5R6G12-—T
	6.8	10X14	60	EHS2HM6R8G14-—T
	8.2	10X14	65	EHS2HM8R2G14-—T
	10	10X16	70	EHS2HM100G16—T
	10	12.5X16	100	EHS2HM100W16-—T
	15	12.5X16	130	EHS2HM150W16-—T
	15	12.5X18	135	EHS2HM150W18-—T
	22	13X20	170	EHS2HM220K20-—T
	22	12.5X22	185	EHS2HM220W22-—T
	33	16X20	280	EHS2HM330L20-—T
	33	16X25	290	EHS2HM330L25-—T
	47	18X25	370	EHS2HM470M25-—T
	47	16X30	390	EHS2HM470L30-—T
	56	18X25	440	EHS2HM560M25-—T
	68	18X30	480	EHS2HM680M30-—T
	68	16X35	500	EHS2HM680L35-—T
	82	18X35	560	EHS2HM820M35-—T
	100	18X40	620	EHS2HM101M40-—T
	120	18X45	650	EHS2HM121M45-—T
	120	18X50	670	EHS2HM121M50-—T
	120	20X40	670	EHS2HM121N40-—T
	120	20X45	690	EHS2HM121N45-—T
	150	18X55	710	EHS2HM151M55-—T
	150	18X60	720	EHS2HM151M60-—T
	150	20X50	720	EHS2HM151N50-—T
	150	22X40	720	EHS2HM151O40-—T
	180	20X55	800	EHS2HM181N55-—T
	180	20X60	820	EHS2HM181N60-—T
	180	22X46	820	EHS2HM181O46-—T
500	200	22X50	872	EHS2HM201O50-—T
	220	22X55	904	EHS2HM221O55-—THO
	250	22X60	973	EHS2HM251O60-—THO
525	82	18X40	530	EHS2YM820M40-—T
	100	18X45	590	EHS2YM101M45-—T
	100	20X40	590	EHS2YM101N40-—T
	120	18X50	640	EHS2YM121M50-—T
	120	18X55	660	EHS2YM121M55-—T
	120	20X45	640	EHS2YM121N45-—T
	120	20X50	660	EHS2YM121N50-—T
	120	22X40	660	EHS2YM121O40-—T
	150	18X60	700	EHS2YM151M60-—T
	150	20X55	700	EHS2YM151N55-—T
	150	22X46	700	EHS2YM151O46-—T
	180	20X60	790	EHS2YM181N60-—T
	180	22X50	790	EHS2YM181O50-—T
	200	22X55	855	EHS2YM201O55-—THO
	220	22X60	900	EHS2YM221O60-—THO
550	10	12.5X16	85	EHS2JM100W16-—T
	12	12.5X16	90	EHS2JM120W16-—T
	15	12.5X18	100	EHS2JM150W18-—T
	22	16X20	190	EHS2JM220L20-—T
	33	16X25	280	EHS2JM330L25-—T
	33	18X20	295	EHS2JM330M20-—T
	47	18X30	400	EHS2JM470M30-—T
	56	18X35	440	EHS2JM560M35-—T
	68	18X40	470	EHS2JM680M40-—T
	82	18X45	510	EHS2JM820M45-—T
	82	20X40	510	EHS2JM820N40-—T
	100	18X50	650	EHS2JM101M50-—T
	100	20X45	650	EHS2JM101N45-—T
	120	18X55	710	EHS2JM121M55-—T
	120	20X50	720	EHS2JM121N50-—T
	120	20X55	730	EHS2JM121N55-—T
	120	22X46	720	EHS2JM121O46-—T
	150	20X60	760	EHS2JM151N60-—T
	150	22X50	800	EHS2JM151O50-—T
	180	22X55	840	EHS2JM181O55-—THO
	180	22X60	860	EHS2JM181O60-—THO

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

HF 系列/series

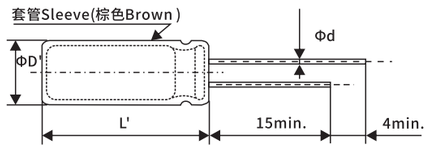


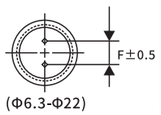
- 保证寿命:+105℃ 5,000~ 10,000 小时
  Endurance:5,000~10,000 hours at 105℃
- 长寿命,高纹波
  Long life, high ripple current
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics											
工作温度范围 Category Temperature Range	-40 ~ +105℃(160~450Vdc) -25 ~ +105℃(475~550Vdc)											
额定电压范围 Rated Working Voltage Range	160 ~ 550Vdc											
静电容量允许偏差 Capacitance Tolerance	±20%(M) (at 20°C,120Hz)											
漏电流 Leakage Current		1分钟之后 After 1 minute	5分钟之后 After 5 minutes									
	CV≦1,000	I≦0.1CV+40μA	I≦0.03CV+15μA									
	CV >1,000	I≦0.04CV+100μA	I≦0.02CV+25μA									
	I : 最大漏电流 (μA), C : 静电容量 (μF), V : 额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20°C)											
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	160	200	250	350	400	450	475	500	525	550	(at 20°C,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.15			0.20			0.24				
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	160	200	250	350	400	450	475	500	525	550	(at 120Hz)
	Z(-25°C)/Z(+20°C)	3			6					15		
	Z(-40°C)/Z(+20°C)	8			10			-				
耐久性 Endurance	在105°C环境中,连续加载直流电压与额定纹波电流一段规定时间后,待温度恢复到20°C进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for the specified period of time at 105°C.											
	静电容量变化率 Capacitance Change	≤初始值的±20%(525 ~550V: ≤±30%初始值) ≤±20% of the initial value(525 ~550Vdc:≤±30% of the initial value)			产品直径 Case Dia.	160 to 475Vdc	500 to 550Vdc					
	损耗角正切值 Dissipation Factor	≤初始规格值的200%(525 ~550V:≤300%初始规格值) ≤200% of the initial specified value(525 ~550Vdc:≤300% of the initial specified value			ØD≦ 8	5,000	5,000					
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value			ØD= 10	8,000	8,000					
					ØD≧ 12.5	10,000	8,000					
高温贮存 Shelf Life	在105°C环境中,无负荷放置1,000 小时后,待温度恢复到20°C进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.											
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value										
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value										
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value										

尺寸图 DIMENSIONS [mm]





ØD	6.3	8		10	12.5	13	16	18	20	22※
Ød	0.5	0.5	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8
F	2.5	3.5		5.0	5.0	5.0	7.5	7.5	10.0	10.0
ØD'	ØD+0.5max.									
L'	L+2max.									

※22x55/22x60 Ød=1.0,L'=L+3max.

产品料号体系 PART NUMBERING SYSTEM

E HF 2G M 3R3 E12 --- T

- 套管代码:"C" 代表PVC, "T" 代表PET/ Sleeve code:"C" for PVC, "T" for PET
- 端子代码/Terminal code
- 尺寸代码/Size code
- 容量代码/Capacitance code
- 静电容量允许偏差代码/Capacitance tolerance code
- 电压代码/Voltage code
- 系列代码/Series code
- 产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	120	1K	10K	100K
＜100	1.00	1.75	2.25	2.50
≧100	1.00	1.67	2.05	2.25

HF 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105°C, 120Hz)	料号 Part Number
160	10	8X12	78	EHF2CM100F12-—T
	12	8X12	88	EHF2CM120F12-—T
	15	8X14	97	EHF2CM150F14-—T
	22	10X12	139	EHF2CM220G12-—T
	33	10X16	210	EHF2CM330G16-—T
	39	10X16	220	EHF2CM390G16-—T
	47	8X20	230	EHF2CM470F20-—T
	47	10X16	230	EHF2CM470G16-—T
	56	10X20	267	EHF2CM560G20-—T
	68	12.5X20	470	EHF2CM680W20-—T
	82	10X25	480	EHF2CM820G25-—T
	82	12.5X20	510	EHF2CM820W20-—T
	100	12.5X25	630	EHF2CM101W25-—T
	100	16X20	635	EHF2CM101L20-—T
	150	16X20	770	EHF2CM151L20-—T
	150	16X25	790	EHF2CM151L25-—T
	220	16X25	1020	EHF2CM221L25-—T
	220	18X25	1045	EHF2CM221M25-—T
	330	18X30	1402	EHF2CM331M30-—T
200	10	8X12	77	EHF2DM100F12-—T
	12	10X12	113	EHF2DM120G12-—T
	15	8X16	115	EHF2DM150F16-—T
	22	10X14	152	EHF2DM220G14-—T
	33	10X18	225	EHF2DM330G18-—T
	33	12.5X16	225	EHF2DM330W16-—T
	39	12.5X16	263	EHF2DM390W16-—T
	47	12.5X18	362	EHF2DM470W18-—T
	68	12.5X20	470	EHF2DM680W20-—T
	68	12.5X25	485	EHF2DM680W25-—T
	82	16X20	530	EHF2DM820L20-—T
	100	12.5X25	551	EHF2DM101W25-—T
	100	16X20	556	EHF2DM101L20-—T
	150	16X25	840	EHF2DM151L25-—T
	150	16X30	865	EHF2DM151L30-—T
	150	18X25	870	EHF2DM151M25-—T
	220	18X25	1050	EHF2DM221M25-—T
	220	18X30	1080	EHF2DM221M30-—T
	330	18X35	1430	EHF2DM331M35-—T
	330	16X45	1404	EHF2DM331L45-—T
250	4.7	8X11	49	EHF2EM4R7F11-—T
	5.6	8X11	55	EHF2EM5R6F11-—T
	6.8	10X10	80	EHF2EM6R8G10-—T
	10	10X12	95	EHF2EM100G12-—T
	22	10X16	172	EHF2EM220G16-—T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105°C, 120Hz)	料号 Part Number
250	33	10X20	248	EHF2EM330G20-—T
	47	10X25	315	EHF2EM470G25-—T
	47	12.5X20	328	EHF2EM470W20-—T
	56	12.5X20	340	EHF2EM560W20-—T
	68	16X20	528	EHF2EM680L20-—T
	82	16X20	550	EHF2EM820L20-—T
	82	16X25	560	EHF2EM820L25-—T
	100	12.5X30	584	EHF2EM101W30-—T
	100	16X25	604	EHF2EM101L25-—T
	150	18X25	866	EHF2EM151M25-—T
	180	18X25	890	EHF2EM181M25-—T
	220	18X30	923	EHF2EM221M30-—T
350	4.7	10X10	50	EHF2VM4R7G10-—T
	5.6	10X12	90	EHF2VM5R6G12-—T
	6.8	10X12	95	EHF2VM6R8G12-—T
	10	10X16	110	EHF2VM100G16-—T
	22	12.5X16	205	EHF2VM220W16-—T
	33	16X20	364	EHF2VM330L20-—T
	39	16X20	385	EHF2VM390L20-—T
	47	16X20	430	EHF2VM470L20-—T
	47	16X25	445	EHF2VM470L25-—T
	68	16X25	560	EHF2VM680L25-—T
	68	18X20	550	EHF2VM680M20-—T
	68	18X25	570	EHF2VM680M25-—T
	82	18X25	618	EHF2VM820M25-—T
	100	18X25	700	EHF2VM101M25-—T
	100	18X30	725	EHF2VM101M30-—T
	120	18X30	836	EHF2VM121M30-—T
	150	18X35	970	EHF2VM151M35-—T
400	1	6.3X9	18	EHF2GM010E09-—T
	2.2	6.3X12	34	EHF2GM2R2E12-—T
	3.3	8X12	60	EHF2GM3R3F12-—T
	4.7	8X12	65	EHF2GM4R7F12-—T
	6.8	8X12	70	EHF2GM6R8F12-—T
	10	10X16	121	EHF2GM100G16-—T
	15	10X16	142	EHF2GM150G16-—T
	22	10X18	182	EHF2GM220G18-—T
	22	12.5X16	196	EHF2GM220W16-—T
	33	16X20	368	EHF2GM330L20-—T
	39	12.5X25	370	EHF2GM390W25-—T
	47	16X20	400	EHF2GM470L20-—T
	47	16X25	460	EHF2GM470L25-—T
	47	18X20	412	EHF2GM470M20-—T
	56	16X25	500	EHF2GM560L25-—T

HF 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
400	68	12.5X40	600	EHF2GM680W40-—T
	68	18X25	590	EHF2GM680M25-—T
	82	12.5X45	625	EHF2GM820W45-—T
	82	18X25	610	EHF2GM820M25-—T
	82	18X30	630	EHF2GM820M30-—T
	100	12.5X50	790	EHF2GM101W50-—T
	100	18X30	745	EHF2GM101M30-—T
	100	18X35	785	EHF2GM101M35-—T
	120	18X35	870	EHF2GM121M35-—T
	150	18X40	985	EHF2GM151M40-—T
	180	18X45	1020	EHF2GM181M45-—T
	200	20X40	1045	EHF2GM201N40-—T
	220	18X50	1100	EHF2GM221M50-—T
	220	20X45	1100	EHF2GM221N45-—T
	250	22X46	1210	EHF2GM251O46-—T
	300	20X55	1375	EHF2GM301N55-—T
	330	22X55	1430	EHF2GM331O55-—THO
	390	22X60	1540	EHF2GM391O60-—THO
450	6.8	8X12	60	EHF2WM6R8F12-—T
	10	10X16	120	EHF2WM100G16-—T
	10	12.5X16	125	EHF2WM100W16-—T
	15	16X16	245	EHF2WM150L16-—T
	22	16X20	295	EHF2WM220L20-—T
	27	12.5X25	305	EHF2WM270W25-—T
	33	16X20	338	EHF2WM330L20-—T
	33	16X25	390	EHF2WM330L25-—T
	47	16X25	400	EHF2WM470L25-—T
	47	18X20	456	EHF2WM470M20-—T
	47	18X25	496	EHF2WM470M25-—T
	56	12.5X40	550	EHF2WM560W40-—T
	68	18X25	558	EHF2WM680M25-—T
	82	12.5X50	682	EHF2WM820W50-—T
	82	18X30	638	EHF2WM820M30-—T
	100	18X35	750	EHF2WM101M35-—T
	120	22X30	826	EHF2WM121O30-—T
	150	18X45	900	EHF2WM151M45-—T
	180	18X55	950	EHF2WM181M55-—T
	200	20X45	995	EHF2WM201N45-—T
	220	20X55	1050	EHF2WM221N55-—T
	250	20X60	1110	EHF2WM251N60-—T
	250	22X50	1110	EHF2WM251O50-—T
	300	22X55	1325	EHF2WM301O55-—THO
475	100	18X40	750	EHF3DM101M40-—T
	120	18X45	825	EHF3DM121M45-—T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
475	120	20X40	825	EHF3DM121N40—T
	150	18X50	880	EHF3DM151M50-—T
	150	18X55	910	EHF3DM151M55-—T
	150	20X45	890	EHF3DM151N45—T
	150	20X50	910	EHF3DM151N50—T
	150	22X40	900	EHF3DM151O40-—T
	180	18X60	950	EHF3DM181M60-—T
	180	20X55	950	EHF3DM181N55—T
	180	22X46	950	EHF3DM181O46-—T
	200	20X60	995	EHF3DM201N60—T
	200	22X50	995	EHF3DM201O50-—T
	220	22X55	1050	EHF3DM221O55-—THO
	250	22X60	1100	EHF3DM251O60-—THO
500	56	16X40	430	EHF2HM560L40-—T
	68	16X45	520	EHF2HM680L45-—T
	68	18X30	480	EHF2HM680M30-—T
	82	18X35	560	EHF2HM820M35-—T
	82	18X40	580	EHF2HM820M40-—T
	100	18X40	660	EHF2HM101M40-—T
	100	18X45	680	EHF2HM101M45-—T
	100	20X40	680	EHF2HM101N40—T
	120	18X50	740	EHF2HM121M50-—T
	120	20X45	740	EHF2HM121N45—T
	150	18X60	800	EHF2HM151M60-—T
	150	20X50	780	EHF2HM151N50—T
	150	20X55	800	EHF2HM151N55—T
	150	22X46	800	EHF2HM151O46-—T
	180	20X60	880	EHF2HM181N60—T
	180	22X50	880	EHF2HM181O50-—T
	200	22X55	920	EHF2HM201O55-—THO
	220	22X60	960	EHF2HM221O60-—THO
525	82	18X40	530	EHF2YM820M40-—T
	100	18X45	590	EHF2YM101M45-—T
	100	20X40	590	EHF2YM101N40-—T
	120	18X55	660	EHF2YM121M55-—T
	120	20X45	640	EHF2YM121N45-—T
	120	20X50	660	EHF2YM121N50-—T
	120	22X40	660	EHF2YM121O40—T
	150	20X55	700	EHF2YM151N55-—T
	150	22X46	700	EHF2YM151O46—T
	180	20X60	790	EHF2YM181N60-—T
	200	22X55	855	EHF2YM201O55-—THO
	220	22X60	900	EHF2YM221O60-—THO
550	68	18X40	470	EHF2JM680M40-—T

HF 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 120Hz)	料号 Part Number
550	82	18X45	510	EHF2JM820M45-—T
	82	18X50	530	EHF2JM820M50-—T
	82	20X40	510	EHF2JM820N40-—T
	82	20X45	530	EHF2JM820N45-—T
	100	18X55	590	EHF2JM101M55-—T
	100	20X50	590	EHF2JM101N50-—T
	100	22X40	590	EHF2JM101O40-—T
	110	18X60	610	EHF2JM111M60-—T
	120	20X55	620	EHF2JM121N55-—T
	120	20X60	640	EHF2JM121N60-—T
	120	22X46	620	EHF2JM121O46-—T
	120	22X50	640	EHF2JM121O50-—T
	150	22X55	700	EHF2JM151O55-—THO
	180	22X60	790	EHF2JM181O60-—THO

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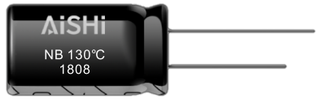
Specifications subject to change without notice

NB 系列/series

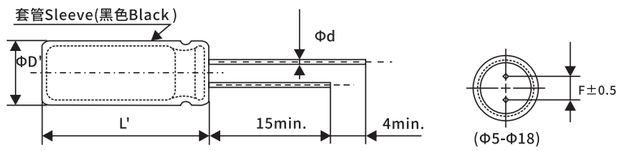


- 保证寿命：130℃ 2,000 ~ 5,000 小时
  Endurance：2,000~ 5,000 hours at 130℃
- 耐高温
  High temperature
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics
工作温度范围 Category Temperature Range	-25~+130℃
额定电压范围 Rated Working Voltage Range	10~120Vdc
静电容量允许偏差 Capacitance Tolerance	±20%(M) (at 20℃,120Hz)
漏电流 Leakage Current	I≦0.01CV 或 3μA中的较大值 I：最大漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) (20℃，2分钟) I ≤0.01CV or 3μA, whichever is greater. (at 20℃ after 2 minutes) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc): 10 16 25 35 50 63 80 100 120 损耗角正切 (最大) Dissipation Factor(Max.): 0.24 0.20 0.18 0.16 0.14 0.12 0.12 0.10 0.12 (at 20℃,120Hz) 当标称电容量超过1,000μF时，每增加1,000μF则tanδ设定增加0.02。 When nominal capacitance exceeds 1,000 μF, add 0.02 to the value above for each 1,000 μF increase.
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc): 10 16 25 35 50 63 80 100 120 Z(-25℃)/Z(+20℃): 3 2 3 (at 120Hz)
耐久性 Endurance	在130℃环境中，连续加载直流电压与额定纹波电流达到规定时间后，待温度恢复到20℃进行测量时，应满足以下要求。 The specifications listed below shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus rated ripple current is applied for a specified period of time at 130℃. 静电容量变化率 Capacitance Change：≤初始值的±30% ≤±30% of the initial value 损耗角正切值 Dissipation Factor：≤初始规格值的300% ≤300% of the initial specified value 漏电流 Leakage Current：≤初始规格值 ≤The initial specified value 产品直径 Case Dia. / 寿命 (小时) Life Time (hours)：ØD≤6.3 — 2,000；ØD=8 — 3,000；ØD=10 — 4,000；ØD≥12.5 — 5,000
高温贮存 Shelf Life	在130℃环境中，无负荷放置1,000 小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after leaving them under no load at 130℃ for 1,000 hours. 静电容量变化率 Capacitance Change：≤初始值的±30% ≤±30% of the initial value 损耗角正切值 Dissipation Factor：≤初始规格值的300% ≤300% of the initial specified value 漏电流 Leakage Current：≤初始规格值的500% ≤500% of the initial specified value

尺寸图 DIMENSIONS [mm]



ØD	5	6.3	8		10	12.5	13	16	18
Ød	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5		5.0	5.0	5.0	7.5	7.5
ØD'	ØD+0.5max.								
L'	L+2max.								

产品料号体系 PART NUMBERING SYSTEM

E NB 1H M 221 G13 --- T

- T：套管代码："C" 代表PVC, "T" 代表PET / Sleeve code:"C" for PVC, "T" for PET
- ---：端子代码/Terminal code
- G13：尺寸代码/Size code
- 221：容量代码/Capacitance code
- M：静电容量允许偏差代码/Capacitance tolerance code
- 1H：电压代码/Voltage code
- NB：系列代码/Series code
- E：产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	50/60	120	1K	10K	100K
Cap. < 10	0.35	0.42	0.60	0.80	1.00
10≤Cap. < 47	0.45	0.55	0.75	0.90	1.00
47≤Cap. < 470	0.60	0.70	0.85	0.95	1.00
470≤Cap. < 2,200	0.65	0.75	0.90	0.98	1.00
Cap.≥2,200	0.75	0.80	0.95	1.00	1.00

NB 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/130℃, 100kHz)	料号 Part Number
10	100	5×11	80	ENB1AM101D11—T
	330	6.3×12	180	ENB1AM331E12—T
	330	8×11	360	ENB1AM331F11—T
	470	8×12	360	ENB1AM471F12—T
	470	10×13	620	ENB1AM471G13—T
	680	8×12	400	ENB1AM681F12—T
	680	10×13	620	ENB1AM681G13—T
	1,000	10×16	660	ENB1AM102G16—T
	1,000	10×20	960	ENB1AM102G20—T
	2,200	12.5×25	1,430	ENB1AM222W25—T
	3,300	16×25	1,900	ENB1AM332L25—T
	4,700	16×30	2,300	ENB1AM472L30—T
16	100	5×11	90	ENB1CM101D11—T
	220	6.3×11	125	ENB1CM221E11—T
	330	8×12	360	ENB1CM331F12—T
	470	8×12	360	ENB1CM471F12—T
	470	10×13	620	ENB1CM471G13—T
	1,000	10×20	960	ENB1CM102G20—T
	2,200	10×25	980	ENB1CM222G25—T
	2,200	12.5×25	1,430	ENB1CM222W25—T
	3,300	16×30	2,300	ENB1CM332L30—T
	4,700	16×35	2,550	ENB1CM472L35—T
25	47	5×11	60	ENB1EM470D11—T
	68	5×12	90	ENB1EM680D12—T
	100	6.3×11	145	ENB1EM101E11—T
	220	8×12	360	ENB1EM221F12—T
	330	8×12	360	ENB1EM331F12—T
	330	10×13	620	ENB1EM331G13—T
	470	8×16	610	ENB1EM471F16—T
	470	10×13	640	ENB1EM471G13—T
	1,000	10×20	960	ENB1EM102G20—T
	1,000	12.5×20	1,100	ENB1EM102W20—T
	2,200	16×30	2,300	ENB1EM222L30—T
	3,300	16×35	2,550	ENB1EM332L35—T
35	47	6.3×11	110	ENB1VM470E11—T
	100	6.3×12	210	ENB1VM101E12—T
	100	8×11	360	ENB1VM101F11—T
	220	8×12	375	ENB1VM221F12—T
	220	10×13	620	ENB1VM221G13—T
	330	8×16	550	ENB1VM331F16—T
	330	10×13	620	ENB1VM331G13—T
	330	10×16	800	ENB1VM331G16—T
	470	10×16	705	ENB1VM471G16—T
	470	10×20	960	ENB1VM471G20—T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/130℃, 100kHz)	料号 Part Number
35	680	12.5×20	990	ENB1VM681W20—T
	1,000	12.5×20	1,180	ENB1VM102W20—T
	1,000	12.5×25	1,430	ENB1VM102W25—T
	2,200	16×35	2,550	ENB1VM222L35—T
	3,300	18×35	2,800	ENB1VM332M35—T
50	1	5×11	26	ENB1HM010D11—T
	2.2	5×11	35	ENB1HM2R2D11—T
	2.2	8×11	50	ENB1HM2R2F11—T
	3.3	5×11	40	ENB1HM3R3D11—T
	3.3	8×11	70	ENB1HM3R3F11—T
	4.7	5×11	42	ENB1HM4R7D11—T
	4.7	8×11	100	ENB1HM4R7F11—T
	10	5×11	90	ENB1HM100D11—T
	10	8×11	200	ENB1HM100F11—T
	22	5×12	110	ENB1HM220D12—T
	22	8×11	260	ENB1HM220F11—T
	33	6.3×11	150	ENB1HM330E11—T
	33	8×11	300	ENB1HM330F11—T
	47	6.3×11	180	ENB1HM470E11—T
	47	8×11	300	ENB1HM470F11—T
	100	8×12	340	ENB1HM101F12—T
	100	10×13	520	ENB1HM101G13—T
	220	8×16	520	ENB1HM221F16—T
	220	10×13	520	ENB1HM221G13—T
	330	10×16	530	ENB1HM331G16—T
	330	12.5×20	1,000	ENB1HM331W20—T
	470	10×20	950	ENB1HM471G20—T
	470	12.5×25	1,200	ENB1HM471W25—T
	680	12.5×20	1,060	ENB1HM681W20—T
	680	16×20	1,250	ENB1HM681L20—T
	1,000	12.5×25	1,500	ENB1HM102W25—T
	1,000	16×30	2,180	ENB1HM102L30—T
	2,200	18×40	2,800	ENB1HM222M40—T
63	33	6.3×12	150	ENB1JM330E12—T
	33	8×11	250	ENB1JM330F11—T
	47	8×12	250	ENB1JM470F12—T
	47	10×13	400	ENB1JM470G13—T
	100	8×12	340	ENB1JM101F12—T
	100	10×16	450	ENB1JM101G16—T
	220	10×16	450	ENB1JM221G16—T
	220	12.5×20	820	ENB1JM221W20—T
	330	12.5×20	850	ENB1JM331W20—T
	330	12.5×25	1,000	ENB1JM331W25—T
	470	13×25	1,000	ENB1JM471K25—T

NB 系列/series

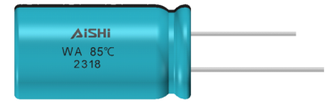
标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/130℃, 100kHz)	料号 Part Number
63	470	16×25	1,500	ENB1JM471L25-—T
	1,000	16×30	1,850	ENB1JM102L30-—T
80	4.7	5×11	26	ENB1BM4R7D11—T
	10	5×11	68	ENB1BM100D11-—T
	22	6.3×11	105	ENB1BM220E11-—T
	33	6.3×12	135	ENB1BM330E12-—T
	33	8×12	250	ENB1BM330F12—T
	68	8×12	250	ENB1BM680F12—T
	100	8×16	400	ENB1BM101F16—T
	150	10×16	450	ENB1BM151G16-—T
	220	10×20	750	ENB1BM221G20-—T
	330	12.5×20	850	ENB1BM331W20-—T
	470	16×20	1,200	ENB1BM471L20-—T
100	4.7	5×11	40	ENB1KM4R7D11—T
	4.7	8×11	100	ENB1KM4R7F11-—T
	10	6.3×11	130	ENB1KM100E11-—T
	10	8×11	200	ENB1KM100F11-—T
	22	6.3×12	150	ENB1KM220E12-—T
	22	8×12	220	ENB1KM220F12—T
	33	8×12	220	ENB1KM330F12—T
	33	10×13	260	ENB1KM330G13-—T
	47	8×16	240	ENB1KM470F16—T
	47	10×16	330	ENB1KM470G16-—T
	100	10×16	350	ENB1KM101G16-—T
	100	12.5×20	670	ENB1KM101W20-—T
	220	13×20	720	ENB1KM221K20-—T
	220	16×25	1,100	ENB1KM221L25-—T
	330	16×25	1,300	ENB1KM331L25-—T
	330	16×30	1,300	ENB1KM331L30-—T
	470	18×30	1,600	ENB1KM471M30-—T
120	22	8×12	115	ENB2BM220F12—T
	33	8×16	200	ENB2BM330F16—T
	33	10×13	200	ENB2BM330G13-—T
	47	8×20	240	ENB2BM470F20—T
	47	10×16	240	ENB2BM470G16-—T
	56	10×16	255	ENB2BM560G16-—T
	68	10×16	255	ENB2BM680G16-—T
	82	10×20	270	ENB2BM820G20-—T
	100	10×25	340	ENB2BM101G25-—T
	120	12.5×20	465	ENB2BM121W20-—T
	150	12.5×25	515	ENB2BM151W25-—T
	220	12.5×30	630	ENB2BM221W30-—T
	220	16×20	630	ENB2BM221L20-—T
	270	16×25	720	ENB2BM271L25-—T
120	270	18×20	720	ENB2BM271M20-—T
	330	16×30	775	ENB2BM331L30-—T
	330	18×25	775	ENB2BM331M25-—T
	470	16×40	865	ENB2BM471L40-—T
	470	18×30	865	ENB2BM471M30-—T

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

WA 系列/series

New

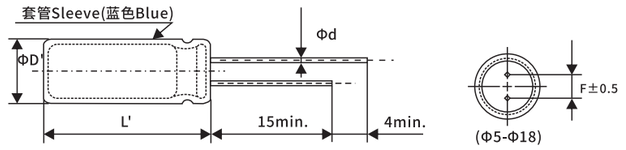


- 保证寿命：+85℃ 2,000 小时
  Endurance: 2,000 hours at 85℃
- 符合RoHS
  RoHS Compliant
- 低阻抗，适用于音频信号处理
  Low impedance, especially designed for audio signal processing equipment

规格表 SPECIFICATIONS

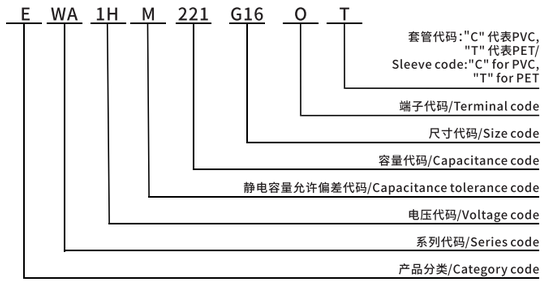
项目 Items	性能 Characteristics						
工作温度范围 Category Temperature Range	-40~+85℃						
额定电压范围 Rated Working Voltage Range	10~50V.DC						
静电容量允许偏差 Capacitance Tolerance	±20%(M)						(at 20℃,120Hz)
漏电流 Leakage Current	I≦0.01CV 或 3μA中的较大值 I：漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) I≤0.01CV or 3μA, whichever is greater. Where, I : Leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)						(20℃, 2分钟) (at 20℃ after 2 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	10	16	25	35	50	(at 20℃,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.20	0.16	0.14	0.12	0.10	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	10	16	25	35	50	(at 120Hz)
	Z(-25℃)/Z(+20℃)	2					
	Z(-40℃)/Z(+20℃)	4	3				
耐久性 Endurance	在85℃环境中，连续加载直流电压与额定纹波电流，连续加载2,000H后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus the rated ripple current is applied for 2,000 hours at 85℃.						
	静电容量变化率 Capacitance Change	≤初始值的±25% ≤±25% of the initial value					
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value					
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value					
高温贮存 Shelf Life	在85℃环境中，连续加载直流电压与额定纹波电流2000H后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 85℃ without voltage applied.						
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value					
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value					
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value					

尺寸图 DIMENSIONS [mm]



ØD	5	6.3	8		10	12.5	16	18
Ød	0.5	0.5	0.5	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5		5.0	5.0	7.5	7.5
ØD'	ØD+0.5max.							
L'	L+2max.							

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	120	1K	10K	100K
Cap. < 220	0.40	0.75	0.90	1.00
220≤Cap. < 680	0.50	0.85	0.94	1.00
680≤Cap. < 2,200	0.60	0.87	0.95	1.00
2,200≤Cap. < 4,700	0.75	0.90	0.95	1.00
Cap.≥4,700	0.85	0.95	0.98	1.00

WA 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/85℃, 100kHz)	料号 Part Number
10	330	6.3×12	0.170	520	EWA1AM331E12OT
	560	8×12	0.075	1,200	EWA1AM561F12OT
	680	8×16	0.059	1,600	EWA1AM681F16OT
	820	10×13	0.053	1,700	EWA1AM821G13OT
	1,000	8×20	0.041	1,960	EWA1AM102F20OT
	1,200	10×16	0.038	2,000	EWA1AM122G16OT
	1,800	10×20	0.036	2,300	EWA1AM182G20OT
	2,200	10×25	0.024	2,900	EWA1AM222G25OT
	2,700	12.5×20	0.025	2,600	EWA1AM272W20OT
	3,300	12.5×25	0.019	3,200	EWA1AM332W25OT
	4,700	12.5×30	0.018	3,660	EWA1AM472W30OT
	5,600	12.5×35	0.016	4,120	EWA1AM562W35OT
16	220	6.3x12	0.170	520	EWA1CM221E12OT
	330	8x12	0.075	1,200	EWA1CM331F12OT
	470	8x16	0.059	1,600	EWA1CM471F16OT
	560	10x13	0.059	1,600	EWA1CM561G13OT
	680	10×13	0.053	1,700	EWA1CM681G13OT
	820	8×20	0.041	1,960	EWA1CM821F20OT
	1,000	10×16	0.038	2,000	EWA1CM102G16OT
	1,500	10×20	0.028	2,500	EWA1CM152G20OT
	1,800	10×25	0.024	2,900	EWA1CM182G25OT
	2,200	12.5×20	0.025	2,600	EWA1CM222W20OT
	2,700	12.5×25	0.019	3,200	EWA1CM272W25OT
	3,300	12.5×30	0.018	3,660	EWA1CM332W30OT
	3,900	12.5×35	0.016	4,120	EWA1CM392W35OT
	4,700	16×25	0.017	3,810	EWA1CM472L25OT
25	68	5×11	0.400	450	EWA1EM680D11OT
	100	5×12	0.380	460	EWA1EM101D12OT
	150	6.3×11	0.170	700	EWA1EM151E11OT
	220	6.3×12	0.170	700	EWA1EM221E12OT
	330	8×12	0.075	1,200	EWA1EM331F12OT
	390	8×16	0.059	1,600	EWA1EM391F16OT
	470	10×13	0.053	1,700	EWA1EM471G13OT
	560	8×20	0.041	1,960	EWA1EM561F20OT
	680	10×16	0.038	2,000	EWA1EM681G16OT
	1,000	10×20	0.028	2,500	EWA1EM102G20OT
	1,200	10×25	0.024	2,900	EWA1EM122G25OT
	1,500	12.5×20	0.025	2,600	EWA1EM152W20OT
	1,800	12.5×25	0.019	3,200	EWA1EM182W25OT
	2,200	12.5×30	0.018	3,660	EWA1EM222W30OT
	2,700	12.5×35	0.016	4,120	EWA1EM272W35OT
	3,300	16×25	0.017	3,810	EWA1EM332L25OT
35	100	6.3×12	0.170	700	EWA1VM101E12OT
	180	8×12	0.075	1,200	EWA1VM181F12OT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

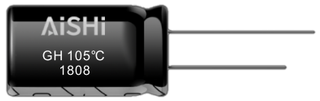
WA 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L(mm)	阻抗 Impedance (Ωmax/20℃, 100kHz)	额定纹波电流 Rated Ripple Current (mArms/85℃, 100kHz)	料号 Part Number
35	220	8×16	0.059	1,600	EWA1VM221F16OT
	270	10×13	0.053	1,700	EWA1VM271G13OT
	330	8×20	0.041	1,960	EWA1VM331F20OT
	390	10×16	0.038	2,000	EWA1VM391G16OT
	560	10×20	0.028	2,500	EWA1VM561G20OT
	820	12.5×20	0.035	2,600	EWA1VM821W20OT
	1,200	12.5×25	0.019	3,200	EWA1VM122W25OT
	1,500	12.5×30	0.018	3,660	EWA1VM152W30OT
	1,800	12.5×35	0.035	3,370	EWA1VM182W35OT
50	47	6.3×11	0.300	320	EWA1HM470E11OT
	56	8×9	0.290	425	EWA1HM560F09OT
	100	8×12	0.120	800	EWA1HM101F12OT
	120	8×16	0.082	1,230	EWA1HM121F16OT
	150	10×13	0.073	1,280	EWA1HM151G13OT
	180	8×20	0.058	1,580	EWA1HM181F20OT
	220	10×16	0.053	1,650	EWA1HM221G16OT
	330	10×20	0.046	2,060	EWA1HM331G20OT
	390	10×25	0.032	2,420	EWA1HM391G25OT
	470	12.5×20	0.032	2,300	EWA1HM471W20OT
	680	12.5×25	0.025	2,800	EWA1HM681W25OT
	820	12.5×30	0.023	3,370	EWA1HM821W30OT
	1,000	12.5×35	0.021	3,810	EWA1HM102W35OT
	2,200	16×30	0.017	3,600	EWA1HM222L30OT
	3,300	18×35	0.020	3,500	EWA1HM332M35OT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

GH 系列/series



- 保证寿命:105℃ 5,000 ~10,000 小时
  Endurance: 5,000~ 10,000 hours at 105℃
- 符合RoHS
  RoHS Compliant
- 高可靠性, 适用于智能仪表等。
  High reliability, especially designed for intelligent instrument, etc.

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics
工作温度范围 Category Temperature Range	-40~+105℃
额定电压范围 Rated Working Voltage Range	6.3~450Vdc
静电容量允许偏差 Capacitance Tolerance	±20%(M) (at 20°C,120Hz)

漏电流 Leakage Current

6.3 to 100Vdc		160~450Vdc	
CV	2分钟后 After 2 minutes	I ≤ 0.01CV+10uA (2 分钟) I ≤ 0.01CV+10uA (2 minutes)	I: 漏电流 (μA), C: 静电容量 (μF), V: 额定电压 (V) I: Leakage current(μA), C: Nominal capacitance(μF) V: Rated voltage(V) (at 20°C)
CV≤1,000	I≦0.01CV 或 3μA 中的较大值 I ≤ 0.01 CV or 3uA Whichever is greater		
CV＞1,000	I ≤ 0.006CV + 4uA		

损耗角正切值 Dissipation Factor (at 20°C,120Hz)

额定电压 Rated Voltage (Vdc)	6.3	10	16	25	35	50	63	100	160~250	350~450
损耗角正切 (最大) Dissipation Factor(Max.)	0.30	0.24	0.20	0.18	0.16	0.14	0.12	0.10	0.15	0.20

当标称电容量超过1,000μF时, 每增加1,000μF则tanδ设定增加0.02。
When nominal capacitance exceeds 1,000 μF, add 0.02 to the value above for each 1,000 μF increase.

低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio) (at 120Hz)

额定电压 Rated Voltage (Vdc)	6.3	10	16	25	35	50	63	100	160~250	350~450
Z(-25°C)/Z(+20°C)	5	4	3	2					3	6
Z(-40°C)/Z(+20°C)	12	10	8	5	4	3			7	

耐久性 Endurance

在105°C环境中,连续加载直流电压与额定纹波电流达到规定时间后,待温度恢复到20°C进行测量时,应满足以下要求。
The specifications listed below shall be satisfied when the capacitors are restored to 20°C after DC voltage plus rated ripple current is applied for a specified period of time at 105.

静电容量变化率 Capacitance Change	≤初始值的±20%(6.3V, 10V: ≤±30%) ≤±20% of the initial value(6.3V, 10V: ≤±30%)
损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
漏电流 Leakage Current	≤初始规格值 ≤The initial specified value

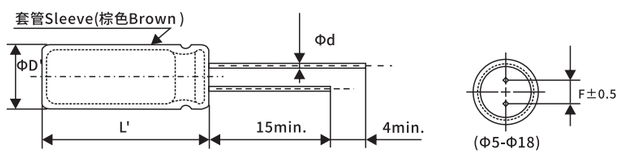
产品直径 Case Dia.	寿命 (小时) Life Time (hours) 6.3~10V	16~100V	160~450V
ØD≤6.3	5,000		-
ØD=8&10	6,000	7,000	10,000
ØD≥12.5	8,000		

高温贮存 Shelf Life

在105°C环境中,无负荷放置1,000 小时后,待温度恢复到20°C进行测量时,应满足以下要求。
The following specifications shall be satisfied when the capacitors are restored to 20°C after leaving them under no load at 105°C for 1,000 hours.

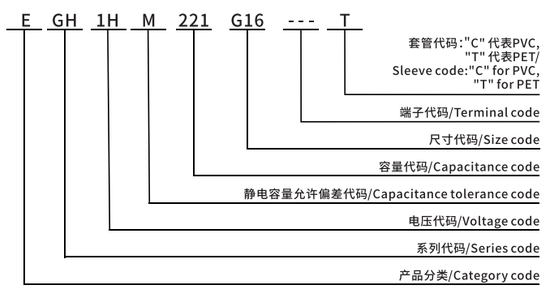
静电容量变化率 Capacitance Change	≤初始值的±20% (6.3V,10V: ≤±30%) ≤±20% of the initial value(6.3V, 10V: ≤±30%)
损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value

尺寸图 DIMENSIONS [mm]



ØD	5	6.3	8		10	12.5	16	18
Ød	0.5	0.5	0.5	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5		5.0	5.0	7.5	7.5
ØD'	ØD+0.5max.							
L'	L+2max.							

产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

Cap. (μF) \ Freq. (Hz)	50/60	100/120	1K	10K	100K
Cap.≤330	0.35	0.5	0.75	0.85	1.00
330＜Cap.≤1,500	0.45	0.65	0.85	0.90	1.00
Cap.＞1,500	0.53	0.75	0.90	0.95	1.00

GH 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105°C, 100kHz)	料号 Part Number
6.3	150	5×11	91	EGH0JM151D11-—T
	330	6.3×11	151	EGH0JM331E11—-T
	680	8×12	228	EGH0JM681F12—-T
	820	10×13	256	EGH0JM821G13-—T
	1,000	8×16	272	EGH0JM102F16—-T
	1,200	8×20	386	EGH0JM122F20—-T
	1,200	10×16	386	EGH0JM122G16-—T
	1,500	10×20	513	EGH0JM152G20-—T
	1,800	12.5×16	513	EGH0JM182W16-—T
	2,200	10×25	580	EGH0JM222G25-—T
	2,700	10×30	630	EGH0JM272G30-—T
	3,300	12.5×20	665	EGH0JM332W20-—T
	3,900	12.5×25	807	EGH0JM392W25-—T
	4,700	12.5×30	902	EGH0JM472W30-—T
	5,600	12.5×35	1,034	EGH0JM562W35-—T
	5,600	16×20	1,034	EGH0JM562L20-—T
	6,800	12.5×40	1,190	EGH0JM682W40-—T
	6,800	16×25	1,190	EGH0JM682L25-—T
	6,800	18×20	1,190	EGH0JM682M20—-T
	8,200	16×30	1,400	EGH0JM822L30-—T
	10,000	16×35	1,600	EGH0JM103L35-—T
	10,000	18×25	1,600	EGH0JM103M25—-T
	12,000	16×40	1,850	EGH0JM123L40-—T
	12,000	18×30	1,850	EGH0JM123M30—-T
	15,000	18×35	1,850	EGH0JM153M35—-T
	18,000	18×40	2,000	EGH0JM183M40—-T
10	100	5×11	91	EGH1AM101D11—-T
	220	6.3×11	151	EGH1AM221E11-—T
	470	8×12	228	EGH1AM471F12-—T
	680	8×16	256	EGH1AM681F16-—T
	680	10×13	272	EGH1AM681G13-—T
	1,000	8×20	400	EGH1AM102F20-—T
	1,000	10×16	430	EGH1AM102G16-—T
	1,200	10×20	513	EGH1AM122G20-—T
	1,500	10×25	580	EGH1AM152G25-—T
	1,500	12.5×16	580	EGH1AM152W16-—T
	2,200	10×30	630	EGH1AM222G30-—T
	2,200	12.5×20	681	EGH1AM222W20-—T
	3,300	12.5×25	807	EGH1AM332W25-—T
	3,900	12.5×30	902	EGH1AM392W30-—T
	3,900	16×20	902	EGH1AM392L20-—T
	4,700	16×25	1,116	EGH1AM472L25-—T
	5,600	12.5×40	1,190	EGH1AM562W40-—T
	5,600	16×25	1,190	EGH1AM562L25-—T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105°C, 100kHz)	料号 Part Number
10	5,600	18×20	1,190	EGH1AM562M20-—T
	6,800	16×30	1,400	EGH1AM682L30—-T
	6,800	18×25	1,400	EGH1AM682M25-—T
	8,200	16×35	1,600	EGH1AM822L35—-T
	8,200	18×30	1,600	EGH1AM822M30-—T
	10,000	16×40	1,850	EGH1AM103L40—-T
	10,000	18×35	1,850	EGH1AM103M35-—T
	12,000	18×40	2,000	EGH1AM123M40—-T
16	56	5×11	100	EGH1CM560D11-—T
	120	6.3×11	118	EGH1CM121E11—-T
	330	8×12	205	EGH1CM331F12—-T
	470	8×16	256	EGH1CM471F16—-T
	470	10×13	272	EGH1CM471G13—-T
	680	8×20	386	EGH1CM681F20—-T
	680	10×16	386	EGH1CM681G16—-T
	1,000	10×20	513	EGH1CM102G20—-T
	1,000	12.5×16	513	EGH1CM102W16—-T
	1,200	10×25	580	EGH1CM122G25—-T
	1,500	10×30	630	EGH1CM152G30—-T
	1,500	12.5×20	665	EGH1CM152W20—-T
	2,200	12.5×25	807	EGH1CM222W25—-T
	2,700	12.5×30	902	EGH1CM272W30—-T
	2,700	16×20	902	EGH1CM272L20—-T
	3,300	12.5×35	1,034	EGH1CM332W35—-T
	3,900	12.5×40	1,190	EGH1CM392W40—-T
	3,900	16×25	1,190	EGH1CM392L25—-T
	3,900	18×20	1,190	EGH1CM392M20—-T
	4,700	16×30	1,400	EGH1CM472L30—-T
	4,700	18×25	1,400	EGH1CM472M25—-T
	5,600	16×35	1,600	EGH1CM562L35—-T
	5,600	18×30	1,600	EGH1CM562M30—-T
	6,800	16×40	1,850	EGH1CM682L40—-T
	8,200	18×35	1,850	EGH1CM822M35—-T
	10,000	18×40	2,000	EGH1CM103M40—-T
25	47	5×11	124	EGH1EM470D11—-T
	100	6.3×11	138	EGH1EM101E11—-T
	220	8×12	205	EGH1EM221F12—-T
	330	8×16	225	EGH1EM331F16—-T
	330	10×13	245	EGH1EM331G13—-T
	470	8×20	320	EGH1EM471F20—-T
	470	10×16	340	EGH1EM471G16—-T
	680	10×20	345	EGH1EM681G20—-T
	680	12.5×16	345	EGH1EM681W16—-T
	820	10×25	450	EGH1EM821G25—-T

GH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
25	1,000	10×30	540	EGH1EM102G30—T
	1,000	12.5×20	540	EGH1EM102W20—T
	1,500	12.5×25	665	EGH1EM152W25—T
	1,800	12.5×30	790	EGH1EM182W30—T
	1,800	16×20	800	EGH1EM182L20—T
	2,200	12.5×35	860	EGH1EM222W35—T
	2,200	18×20	880	EGH1EM222M20—T
	2,700	12.5×40	960	EGH1EM272W40—T
	2,700	16×25	980	EGH1EM272L25—T
	3,300	16×30	1,190	EGH1EM332L30—T
	3,300	18×25	1,190	EGH1EM332M25—T
	3,900	16×35	1,400	EGH1EM392L35—T
	3,900	18×30	1,400	EGH1EM392M30—T
	4,700	16×40	1,600	EGH1EM472L40—T
	4,700	18×35	1,600	EGH1EM472M35—T
	5,600	18×40	1,850	EGH1EM562M40—T
35	33	5×11	90	EGH1VM330D11—T
	56	6.3×11	110	EGH1VM560E11—T
	150	8×12	180	EGH1VM151F12—T
	220	8×16	240	EGH1VM221F16—T
	220	10×13	252	EGH1VM221G13—T
	270	8×20	280	EGH1VM271F20—T
	330	10×16	312	EGH1VM331G16—T
	470	10×20	386	EGH1VM471G20—T
	470	12.5×16	394	EGH1VM471W16—T
	560	10×25	450	EGH1VM561G25—T
	680	10×30	496	EGH1VM681G30—T
	680	12.5×20	520	EGH1VM681W20—T
	1,000	12.5×25	810	EGH1VM102W25—T
	1,200	12.5×30	860	EGH1VM122W30—T
	1,200	16×25	880	EGH1VM122L25—T
	1,500	12.5×35	880	EGH1VM152W35—T
	1,800	12.5×40	960	EGH1VM182W40—T
	1,800	16×20	900	EGH1VM182L20—T
	1,800	18×20	960	EGH1VM182M20—T
	2,200	16×30	1,190	EGH1VM222L30—T
	2,200	18×25	1,190	EGH1VM222M25—T
	2,700	16×35	1,400	EGH1VM272L35—T
	2,700	18×30	1,400	EGH1VM272M30—T
	3,300	16×40	1,600	EGH1VM332L40—T
	3,300	18×35	1,600	EGH1VM332M35—T
	3,900	18×40	1,850	EGH1VM392M40—T
50	22	5×11	84	EGH1HM220D11—T
	56	6.3×11	146	EGH1HM560E11—T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
50	100	8×12	152	EGH1HM101F12—T
	120	8×16	180	EGH1HM121F16—T
	150	10×13	215	EGH1HM151G13—T
	180	8×20	246	EGH1HM181F20—T
	220	10×16	291	EGH1HM221G16—T
	270	10×20	330	EGH1HM271G20—T
	270	12.5×16	330	EGH1HM271W16—T
	330	10×25	386	EGH1HM331G25—T
	470	10×30	460	EGH1HM471G30—T
	470	12.5×20	475	EGH1HM471W20—T
	560	12.5×25	520	EGH1HM561W25—T
	680	12.5×30	665	EGH1HM681W30—T
	820	12.5×35	800	EGH1HM821W35—T
	820	16×20	800	EGH1HM821L20—T
	1,000	12.5×40	880	EGH1HM102W40—T
	1,000	16×25	880	EGH1HM102L25—T
	1,000	18×20	880	EGH1HM102M20—T
	1,200	16×30	1,190	EGH1HM122L30—T
	1,200	18×25	1,190	EGH1HM122M25—T
	1,500	16×35	1,400	EGH1HM152L35—T
	1,800	16×40	1,600	EGH1HM182L40—T
	1,800	18×30	1,600	EGH1HM182M30—T
	2,200	18×35	1,800	EGH1HM222M35—T
	2,700	18×40	1,850	EGH1HM272M40—T
63	15	5×11	62	EGH1JM150D11—T
	33	6.3×11	126	EGH1JM330E11—T
	56	8×12	198	EGH1JM560F12—T
	82	8×16	246	EGH1JM820F16—T
	82	10×13	252	EGH1JM820G13—T
	120	8×20	300	EGH1JM121F20—T
	120	10×16	310	EGH1JM121G16—T
	180	10×20	386	EGH1JM181G20—T
	180	12.5×16	394	EGH1JM181W16—T
	220	10×25	450	EGH1JM221G25—T
	270	12.5×20	520	EGH1JM271W20—T
	330	12.5×25	665	EGH1JM331W25—T
	470	12.5×30	790	EGH1JM471W30—T
	470	16×20	800	EGH1JM471L20—T
	560	12.5×35	860	EGH1JM561W35—T
	560	16×25	880	EGH1JM561L25—T
	680	12.5×40	960	EGH1JM681W40—T
	680	18×20	980	EGH1JM681M20—T
	820	16×30	1,190	EGH1JM821L30—T
	820	18×25	1,190	EGH1JM821M25—T

GH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
63	1,000	16×35	1,400	EGH1JM102L35—T
	1,000	18×30	1,400	EGH1JM102M30—T
	1,200	16×40	1,600	EGH1JM122L40—T
	1,200	18×35	1,600	EGH1JM122M35—T
	1,500	18×40	1,850	EGH1JM152M40—T
100	6.8	5×11	62	EGH1KM6R8D11—T
	15	6.3×11	126	EGH1KM150E11—T
	27	8×12	198	EGH1KM270F12—T
	39	8×16	246	EGH1KM390F16—T
	47	10×13	252	EGH1KM470G13—T
	56	8×20	300	EGH1KM560F20—T
	68	10×16	330	EGH1KM680G16—T
	82	10×20	386	EGH1KM820G20—T
	82	12.5×16	394	EGH1KM820W16—T
	100	10×25	450	EGH1KM101G25—T
	120	12.5×20	520	EGH1KM121W20—T
	180	12.5×25	665	EGH1KM181W25—T
	220	16×20	800	EGH1KM221L20—T
	220	12.5×30	790	EGH1KM221W30—T
	270	12.5×35	860	EGH1KM271W35—T
	270	16×25	880	EGH1KM271L25—T
	330	18×20	980	EGH1KM331M20—T
	330	12.5×40	960	EGH1KM331W40—T
	390	16×30	1,190	EGH1KM391L30—T
	390	18×25	1,190	EGH1KM391M25—T
	470	16×35	1,400	EGH1KM471L35—T
	470	18×30	1,400	EGH1KM471M30—T
	560	16×40	1,600	EGH1KM561L40—T
	680	18×35	1,600	EGH1KM681M35—T
	820	18×40	1,850	EGH1KM821M40—T
160	4.7	8X9	90	EGH2CM4R7F09—T
	4.7	8X11	100	EGH2CM4R7F11—T
	5.6	8X12	115	EGH2CM5R6F12—T
	6.8	8X12	125	EGH2CM6R8F12—T
	8.2	8X12	135	EGH2CM8R2F12—T
	10	8X12	150	EGH2CM100F12—T
	12	10X12	180	EGH2CM120G12—T
	15	10X16	230	EGH2CM150G16—T
	22	10X16	280	EGH2CM220G16—T
	33	10X18	350	EGH2CM330G18—T
	39	10X20	390	EGH2CM390G20—T
	47	10X20	440	EGH2CM470G20—T
	47	12.5X16	480	EGH2CM470W16—T
	56	12.5X18	600	EGH2CM560W18—T

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
160	68	12.5X20	740	EGH2CM680W20—T
	82	12.5X20	780	EGH2CM820W20—T
	82	16X20	800	EGH2CM820L20—T
	100	12.5X25	850	EGH2CM101W25—T
	100	16X20	860	EGH2CM101L20—T
	150	16X20	1,000	EGH2CM151L20—T
	150	16X25	1,040	EGH2CM151L25—T
	220	16X25	1,560	EGH2CM221L25—T
	220	18X25	1,600	EGH2CM221M25—T
	330	18X30	1,880	EGH2CM331M30—T
200	10	10X12	170	EGH2DM100G12—T
	12	10X16	200	EGH2DM120G16—T
	15	10X16	236	EGH2DM150G16—T
	22	10X20	280	EGH2DM220G20—T
	33	10X20	320	EGH2DM330G20—T
	33	12.5X20	340	EGH2DM330W20—T
	39	12.5X20	400	EGH2DM390W20—T
	47	12.5X20	500	EGH2DM470W20—T
	68	12.5X20	620	EGH2DM680W20—T
	68	12.5X25	660	EGH2DM680W25—T
	82	16X20	760	EGH2DM820L20—T
	100	16X20	840	EGH2DM101L20—T
	100	16X25	880	EGH2DM101L25—T
	150	16X25	1,160	EGH2DM151L25—T
	150	16X30	1,200	EGH2DM151L30—T
	150	18X25	1,200	EGH2DM151M25—T
	220	18X25	1,400	EGH2DM221M25—T
	220	18X30	1,440	EGH2DM221M30—T
	330	18X35	1,800	EGH2DM331M35—T
	330	18X40	1,840	EGH2DM331M40—T
250	4.7	8X12	116	EGH2EM4R7F12—T
	5.6	10X12	130	EGH2EM5R6G12—T
	6.8	10X12	144	EGH2EM6R8G12—T
	10	10X20	200	EGH2EM100G20—T
	22	10X20	336	EGH2EM220G20—T
	33	12.5X20	420	EGH2EM330W20—T
	39	12.5X20	496	EGH2EM390W20—T
	47	12.5X20	600	EGH2EM470W20—T
	47	12.5X25	640	EGH2EM470W25—T
	68	16X20	800	EGH2EM680L20—T
	82	16X20	880	EGH2EM820L20—T
	82	16X30	920	EGH2EM820L30—T
	100	16X25	1,020	EGH2EM101L25—T
	100	18X25	1,060	EGH2EM101M25—T

GH 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	电容量 Cap (μF)	尺寸 Size ΦD×L (mm)	额定纹波电流 Rated Ripple Current (mArms/105℃, 100kHz)	料号 Part Number
250	150	18X25	1,200	EGH2EM151M25---T
	220	18X31	1,440	EGH2EM221M31---T
	220	18X40	1,480	EGH2EM221M40---T
350	4.7	8X12	110	EGH2VM4R7F12---T
	5.6	10X12	130	EGH2VM5R6G12---T
	6.8	10X12	160	EGH2VM6R8G12---T
	10	10X16	200	EGH2VM100G16---T
	22	12.5X20	364	EGH2VM220W20---T
	33	16X20	480	EGH2VM330L20---T
	39	16X20	530	EGH2VM390L20---T
	47	16X20	580	EGH2VM470L20---T
	47	16X25	610	EGH2VM470L25---T
	68	16X25	740	EGH2VM680L25---T
	68	18X20	740	EGH2VM680M20---T
	68	18X25	780	EGH2VM680M25---T
	82	18X25	860	EGH2VM820M25---T
	100	18X25	960	EGH2VM101M25---T
	100	18X30	1,000	EGH2VM101M30---T
	120	18X30	1,100	EGH2VM121M30---T
	150	18X35	1,200	EGH2VM151M35---T
400	1	8X12	50	EGH2GM010F12---T
	2.2	8X12	70	EGH2GM2R2F12---T
	3.3	8X12	110	EGH2GM3R3F12---T
	4.7	10X12	130	EGH2GM4R7G12---T
	6.8	10X12	150	EGH2GM6R8G12---T
	10	10X16	200	EGH2GM100G16---T
	15	12.5X16	270	EGH2GM150W16---T
	22	12.5X20	350	EGH2GM220W20---T
	22	12.5X25	370	EGH2GM220W25---T
	33	16X20	510	EGH2GM330L20---T
	39	16X25	580	EGH2GM390L25---T
	47	16X25	660	EGH2GM470L25---T
	47	18X20	660	EGH2GM470M20---T
	47	16X30	700	EGH2GM470L30---T
	56	10X50	780	EGH2GM560G50---T
	68	12.5X40	880	EGH2GM680W40---T
	68	18X25	880	EGH2GM680M25---T
	82	12.5X45	900	EGH2GM820W45---T
	82	18X25	960	EGH2GM820M25---T
	82	18X30	1,000	EGH2GM820M30---T
	100	12.5X50	1,100	EGH2GM101W50---T
	100	18X31	1,100	EGH2GM101M31---T
	100	18X35	1,140	EGH2GM101M35---T
	120	18X35	1,260	EGH2GM121M35---T
400	150	18X40	1,400	EGH2GM151M40---T
450	6.8	10X16	150	EGH2WM6R8G16---T
	10	10X20	200	EGH2WM100G20---T
	15	12.5X20	270	EGH2WM150W20---T
	22	16X20	380	EGH2WM220L20---T
	33	10X40	510	EGH2WM330G40---T
	33	16X25	520	EGH2WM330L25---T
	33	18X20	550	EGH2WM330M20---T
	39	10X45	620	EGH2WM390G45---T
	39	18X25	620	EGH2WM390M25---T
	47	12.5X40	700	EGH2WM470W40---T
	47	18X25	700	EGH2WM470M25---T
	56	12.5X40	780	EGH2WM560W40---T
	68	18X30	880	EGH2WM680M30---T
	82	12.5X50	1,000	EGH2WM820W50---T
	82	18X35	1,000	EGH2WM820M35---T
	100	18X40	1,120	EGH2WM101M40---T

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LK 系列/series

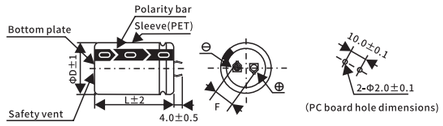
- 保证寿命:+85℃ 2,000小时
  Endurance: 2,000 hours at 85℃
- 符合RoHS
  RoHS Compliant
- 通用标准品
  General standard product

规格表 SPECIFICATIONS

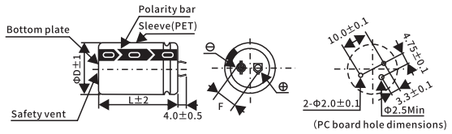
项目 Items	性能 Characteristics												
工作温度范围 Category Temperature Range	-40~+85℃								-25~+85℃				
额定电压范围 Rated Working Voltage Range	10~100V.DC								160~600V.DC				
静电容量允许偏差 Capacitance Tolerance	±20%(M)												(at 20℃,120Hz)
漏电流 Leakage Current	I≤3$\sqrt{CV}$ I:最大漏电流(μA), C:静电容量(μF), V:额定电压(V) Where, I: Max. leakage current (μA), C: Nominal capacitance (μF), V: Rated voltage (V)												(20℃,5分钟) (at 20℃ after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	10	16	25	35	50	63	80	100	160~250	315~500	550	600	(at 20℃,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.55	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.15	0.20	0.30	
低温特性(最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	10	16	25	35	50	63	80	100	160~250	315~500	550	600	(at 120Hz)
	Z(-25℃)/Z(+20℃)	4	4	3	3	2	2	2	2	4	8	8	10	
	Z(-40℃)/Z(+20℃)	15	15	10	8	6	6	5	5	-	-	-	-	
耐久性 Endurance	在85℃环境中,连续加载直流电压与额定纹波电流2,000小时后,待温度恢复到20℃进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus the rated ripple current is applied for 2,000 hours at 85℃.												
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value											
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value											
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value											
高温贮存 Shelf Life	在85℃环境中,无负荷放置1,000小时后,待温度恢复到20℃进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 85℃ without voltage applied.												
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value											
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value											
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value											

尺寸图 DIMENSIONS [mm]

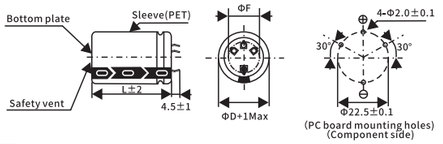
● 端子代码:K (Φ22 至 Φ35):标准
Terminal Code: K (Φ22 to Φ35): Standard



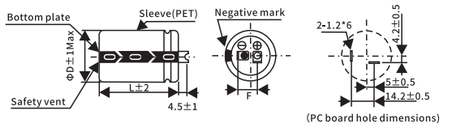
● 端子代码:T (Φ25 至 Φ35):标准
Terminal Code: T (Φ25 to Φ35): Standard



● 端子代码:P (Φ35 至 Φ45):标准
Terminal Code: P (Φ35 to Φ45): Standard



● 端子代码:L (Φ35):标准
Terminal Code: L (Φ35): Standard



产品料号体系 PART NUMBERING SYSTEM

E LK 2W M 221 O40 K T

- T: 套管代码:"C" 代表PVC, "T" 代表PET/ Sleeve code:"C" for PVC, "T" for PET
- K: 端子代码/Terminal code
- O40: 尺寸代码/Size code
- 221: 容量代码/Capacitance code
- M: 静电容量允许偏差代码/Capacitance tolerance code
- 2W: 电压代码/Voltage code
- LK: 系列代码/Series code
- E: 产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
10~50	1.00	1.03	1.05	1.08
63~100	1.00	1.07	1.13	1.19
160~250	1.00	1.32	1.45	1.50
315~600	1.00	1.30	1.41	1.43

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
10	12,000	22X25	0.55	2.41	ELK1AM123O25KT
	15,000	22X30	0.55	2.88	ELK1AM153O30KT
	15,000	25X25	0.55	2.88	ELK1AM153P25KT
	18,000	22X35	0.55	3.22	ELK1AM183O35KT
	18,000	25X30	0.55	3.08	ELK1AM183P30KT
	22,000	22X40	0.55	3.79	ELK1AM223O40KT
	22,000	25X30	0.55	3.66	ELK1AM223P30KT
	22,000	30X25	0.55	3.53	ELK1AM223Q25KT
	27,000	22X45	0.55	4.04	ELK1AM273O45KT
	27,000	25X35	0.55	4.04	ELK1AM273P35KT
	27,000	30X30	0.55	3.99	ELK1AM273Q30KT
	33,000	22X50	0.55	4.58	ELK1AM333O50KT
	33,000	25X40	0.55	4.56	ELK1AM333P40KT
	33,000	30X30	0.55	4.58	ELK1AM333Q30KT
	39,000	25X45	0.55	5.29	ELK1AM393P45KT
	39,000	30X35	0.55	5.21	ELK1AM393Q35KT
	39,000	35X30	0.55	5.05	ELK1AM393R30KT
	47,000	25X50	0.55	5.78	ELK1AM473P50KT
	47,000	30X40	0.55	5.78	ELK1AM473Q40KT
	47,000	35X35	0.55	5.55	ELK1AM473R35KT
	56,000	30X45	0.55	6.59	ELK1AM563Q45KT
	56,000	35X35	0.55	6.40	ELK1AM563R35KT
	68,000	30X50	0.55	7.50	ELK1AM683Q50KT
	68,000	35X40	0.55	7.48	ELK1AM683R40KT
	82,000	35X50	0.55	8.50	ELK1AM823R50KT
16	8,200	22X25	0.50	2.56	ELK1CM822O25KT
	10,000	22X30	0.50	2.81	ELK1CM103O30KT
	12,000	22X30	0.50	3.31	ELK1CM123O30KT
	12,000	25X25	0.50	2.96	ELK1CM123P25KT
	15,000	22X35	0.50	3.69	ELK1CM153O35KT
	15,000	25X30	0.50	3.64	ELK1CM153P30KT
	15,000	30X25	0.50	3.73	ELK1CM153Q25KT
	18,000	22X40	0.50	3.98	ELK1CM183O40KT
	18,000	25X35	0.50	3.98	ELK1CM183P35KT
	18,000	30X30	0.50	3.88	ELK1CM183Q30KT
	22,000	22X50	0.50	4.52	ELK1CM223O50KT
	22,000	25X40	0.50	4.44	ELK1CM223P40KT
	22,000	30X30	0.50	4.38	ELK1CM223Q30KT
	27,000	25X45	0.50	4.98	ELK1CM273P45KT
	27,000	30X35	0.50	4.82	ELK1CM273Q35KT
	27,000	35X30	0.50	4.82	ELK1CM273R30KT
	33,000	25X50	0.50	5.49	ELK1CM333P50KT
	33,000	30X40	0.50	5.38	ELK1CM333Q40KT
	33,000	35X35	0.50	5.33	ELK1CM333R35KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
16	39,000	30X45	0.50	6.11	ELK1CM393Q45KT
	39,000	35X35	0.50	6.01	ELK1CM393R35KT
	47,000	30X50	0.50	6.80	ELK1CM473Q50KT
	47,000	35X40	0.50	6.80	ELK1CM473R40KT
	56,000	35X45	0.50	7.62	ELK1CM563R45KT
25	5,600	22X25	0.45	2.31	ELK1EM562O25KT
	6,800	22X30	0.45	2.56	ELK1EM682O30KT
	8,200	22X35	0.45	2.81	ELK1EM822O35KT
	8,200	25X25	0.45	2.78	ELK1EM822P25KT
	10,000	22X35	0.45	3.18	ELK1EM103O35KT
	10,000	25X30	0.45	3.16	ELK1EM103P30KT
	12,000	22X45	0.45	3.53	ELK1EM123O45KT
	12,000	25X35	0.45	3.48	ELK1EM123P35KT
	12,000	30X25	0.45	3.53	ELK1EM123Q25KT
	15,000	22X50	0.45	4.08	ELK1EM153O50KT
	15,000	25X40	0.45	4.00	ELK1EM153P40KT
	15,000	30X30	0.45	4.00	ELK1EM153Q30KT
	18,000	25X45	0.45	4.68	ELK1EM183P45KT
	18,000	30X35	0.45	4.66	ELK1EM183Q35KT
	18,000	35X30	0.45	4.68	ELK1EM183R30KT
	22,000	30X40	0.45	5.19	ELK1EM223Q40KT
	22,000	35X35	0.45	5.20	ELK1EM223R35KT
	27,000	30X45	0.45	6.02	ELK1EM273Q45KT
	27,000	35X40	0.45	6.02	ELK1EM273R40KT
	33,000	35X45	0.45	6.75	ELK1EM333R45KT
	39,000	35X50	0.45	7.56	ELK1EM393R50KT
35	3,900	22X25	0.40	2.22	ELK1VM392O25KT
	4,700	22X30	0.40	2.46	ELK1VM472O30KT
	4,700	25X25	0.40	2.43	ELK1VM472P25KT
	5,600	22X35	0.40	2.79	ELK1VM562O35KT
	5,600	25X30	0.40	2.75	ELK1VM562P30KT
	6,800	22X40	0.40	2.89	ELK1VM682O40KT
	6,800	25X30	0.40	2.89	ELK1VM682P30KT
	6,800	30X25	0.40	3.09	ELK1VM682Q25KT
	8,200	22X45	0.40	3.47	ELK1VM822O45KT
	8,200	25X35	0.40	3.33	ELK1VM822P35KT
	8,200	30X30	0.40	3.29	ELK1VM822Q30KT
	10,000	22X50	0.40	3.59	ELK1VM103O50KT
	10,000	25X40	0.40	3.59	ELK1VM103P40KT
	10,000	30X30	0.40	3.61	ELK1VM103Q30KT
	10,000	35X25	0.40	3.61	ELK1VM103R25KT
	12,000	25X45	0.40	4.01	ELK1VM123P45KT
	12,000	30X35	0.40	4.01	ELK1VM123Q35KT
	12,000	35X30	0.40	4.02	ELK1VM123R30KT

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
35	15,000	30X40	0.40	4.80	ELK1VM153Q40KT
	15,000	35X35	0.40	4.80	ELK1VM153R35KT
	18,000	30X45	0.40	5.18	ELK1VM183Q45KT
	18,000	35X40	0.40	5.71	ELK1VM183R40KT
	22,000	35X45	0.40	6.38	ELK1VM223R45KT
	27,000	35X50	0.40	6.90	ELK1VM273R50KT
50	2,200	22X25	0.35	1.93	ELK1HM222O25KT
	2,700	22X30	0.35	2.21	ELK1HM272O30KT
	3,300	22X30	0.35	2.41	ELK1HM332O30KT
	3,300	25X25	0.35	2.38	ELK1HM332P25KT
	3,900	22X35	0.35	2.72	ELK1HM392O35KT
	3,900	25X30	0.35	2.68	ELK1HM392P30KT
	4,700	22X40	0.35	3.01	ELK1HM472O40KT
	4,700	25X30	0.35	3.03	ELK1HM472P30KT
	4,700	30X25	0.35	3.01	ELK1HM472Q25KT
	5,600	22X45	0.35	3.43	ELK1HM562O45KT
	5,600	25X35	0.35	3.37	ELK1HM562P35KT
	5,600	30X30	0.35	3.43	ELK1HM562Q30KT
	6,800	22X50	0.35	3.94	ELK1HM682O50KT
	6,800	25X40	0.35	3.87	ELK1HM682P40KT
	6,800	30X35	0.35	3.87	ELK1HM682Q35KT
	8,200	25X45	0.35	4.37	ELK1HM822P45KT
	8,200	30X35	0.35	4.42	ELK1HM822Q35KT
	8,200	35X30	0.35	4.41	ELK1HM822R30KT
	10,000	30X40	0.35	5.02	ELK1HM103Q40KT
	10,000	35X35	0.35	4.92	ELK1HM103R35KT
	12,000	30X50	0.35	5.60	ELK1HM123Q50KT
	12,000	35X40	0.35	5.60	ELK1HM123R40KT
	15,000	35X45	0.35	6.44	ELK1HM153R45KT
	18,000	35X50	0.35	6.71	ELK1HM183R50KT
63	1,800	22X25	0.30	1.90	ELK1JM182O25KT
	2,200	22X30	0.30	2.35	ELK1JM222O30KT
	2,200	25X25	0.30	2.30	ELK1JM222P25KT
	2,700	22X35	0.30	2.50	ELK1JM272O35KT
	2,700	25X30	0.30	2.49	ELK1JM272P30KT
	3,300	22X40	0.30	2.69	ELK1JM332O40KT
	3,300	25X30	0.30	2.69	ELK1JM332P30KT
	3,300	30X25	0.30	2.78	ELK1JM332Q25KT
	3,900	22X45	0.30	3.10	ELK1JM392O45KT
	3,900	25X35	0.30	3.09	ELK1JM392P35KT
	3,900	30X30	0.30	3.09	ELK1JM392Q30KT
	4,700	22X50	0.30	3.49	ELK1JM472O50KT
	4,700	25X40	0.30	3.37	ELK1JM472P40KT
	4,700	30X30	0.30	3.37	ELK1JM472Q30KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
63	5,600	25X45	0.30	3.80	ELK1JM562P45KT
	5,600	30X35	0.30	3.81	ELK1JM562Q35KT
	5,600	35X30	0.30	3.75	ELK1JM562R30KT
	6,800	25X50	0.30	4.41	ELK1JM682P50KT
	6,800	30X40	0.30	4.41	ELK1JM682Q40KT
	6,800	35X35	0.30	4.33	ELK1JM682R35KT
	8,200	30X45	0.30	4.90	ELK1JM822Q45KT
	8,200	35X35	0.30	4.80	ELK1JM822R35KT
	10,000	30X50	0.30	5.49	ELK1JM103Q50KT
	10,000	35X40	0.30	5.47	ELK1JM103R40KT
	12,000	35X50	0.30	6.30	ELK1JM123R50KT
80	1,200	22X25	0.25	1.77	ELK1BM122O25KT
	1,500	22X30	0.25	2.01	ELK1BM152O30KT
	1,800	22X35	0.25	2.25	ELK1BM182O35KT
	1,800	25X25	0.25	2.26	ELK1BM182P25KT
	2,200	22X40	0.25	2.53	ELK1BM222O40KT
	2,200	25X30	0.25	2.53	ELK1BM222P30KT
	2,200	30X25	0.25	2.50	ELK1BM222Q25KT
	2,700	22X45	0.25	2.93	ELK1BM272O45KT
	2,700	25X35	0.25	2.93	ELK1BM272P35KT
	2,700	30X30	0.25	2.91	ELK1BM272Q30KT
	3,300	22X50	0.25	3.25	ELK1BM332O50KT
	3,300	25X40	0.25	3.25	ELK1BM332P40KT
	3,300	30X30	0.25	3.23	ELK1BM332Q30KT
	3,900	25X45	0.25	3.62	ELK1BM392P45KT
	3,900	30X35	0.25	3.62	ELK1BM392Q35KT
	4,700	25X50	0.25	4.28	ELK1BM472P50KT
	4,700	30X40	0.25	4.15	ELK1BM472Q40KT
	4,700	35X30	0.25	4.10	ELK1BM472R30KT
	5,600	30X45	0.25	4.55	ELK1BM562Q45KT
	5,600	35X35	0.25	4.51	ELK1BM562R35KT
	6,800	30X50	0.25	5.18	ELK1BM682Q50KT
	6,800	35X40	0.25	5.14	ELK1BM682R40KT
	8,200	35X45	0.25	5.83	ELK1BM822R45KT
100	820	22X25	0.20	1.86	ELK1KM821O25KT
	1,000	22X30	0.20	2.02	ELK1KM102O30KT
	1,200	22X30	0.20	2.12	ELK1KM122O30KT
	1,200	25X25	0.20	2.10	ELK1KM122P25KT
	1,500	22X35	0.20	2.45	ELK1KM152O35KT
	1,500	25X30	0.20	2.43	ELK1KM152P30KT
	1,800	22X40	0.20	2.77	ELK1KM182O40KT
	1,800	25X35	0.20	2.77	ELK1KM182P35KT
	1,800	30X25	0.20	2.65	ELK1KM182Q25KT
	2,200	22X45	0.20	3.12	ELK1KM222O45KT

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
100	2,200	25X40	0.20	3.20	ELK1KM222P40KT
	2,200	30X30	0.20	3.10	ELK1KM222Q30KT
	2,700	25X45	0.20	3.61	ELK1KM272P45KT
	2,700	30X35	0.20	3.60	ELK1KM272Q35KT
	2,700	35X30	0.20	3.71	ELK1KM272R30KT
	3,300	25X50	0.20	4.06	ELK1KM332P50KT
	3,300	30X40	0.20	4.05	ELK1KM332Q40KT
	3,300	35X35	0.20	4.07	ELK1KM332R35KT
	3,900	30X45	0.20	4.60	ELK1KM392Q45KT
	3,900	35X35	0.20	4.50	ELK1KM392R35KT
	4,700	30X50	0.20	5.13	ELK1KM472Q50KT
	4,700	35X40	0.20	5.12	ELK1KM472R40KT
	5,600	35X45	0.20	5.75	ELK1KM562R45KT
	6,800	35X55	0.20	6.01	ELK1KM682R55KT
160	390	22X25	0.15	1.55	ELK2CM391O25KT
	470	22X30	0.15	1.77	ELK2CM471O30KT
	470	25X25	0.15	1.77	ELK2CM471P25KT
	560	22X35	0.15	2.05	ELK2CM561O35KT
	560	25X30	0.15	2.05	ELK2CM561P30KT
	680	22X40	0.15	2.24	ELK2CM681O40KT
	680	25X30	0.15	2.22	ELK2CM681P30KT
	680	30X25	0.15	2.22	ELK2CM681Q25KT
	820	22X45	0.15	2.55	ELK2CM821O45KT
	820	25X35	0.15	2.52	ELK2CM821P35KT
	820	30X30	0.15	2.51	ELK2CM821Q30KT
	1,000	22X50	0.15	2.88	ELK2CM102O50KT
	1,000	25X40	0.15	2.86	ELK2CM102P40KT
	1,000	30X30	0.15	2.82	ELK2CM102Q30KT
	1,200	25X45	0.15	3.27	ELK2CM122P45KT
	1,200	30X35	0.15	3.25	ELK2CM122Q35KT
	1,200	35X30	0.15	3.24	ELK2CM122R30KT
	1,500	30X40	0.15	3.77	ELK2CM152Q40KT
	1,500	35X35	0.15	3.75	ELK2CM152R35KT
	1,800	30X45	0.15	4.10	ELK2CM182Q45KT
	1,800	35X35	0.15	4.08	ELK2CM182R35KT
	2,200	35X45	0.15	4.72	ELK2CM222R45KT
	2,700	35X50	0.15	5.30	ELK2CM272R50KT
180	330	22X25	0.15	1.42	ELK2LM331O25KT
	390	22X30	0.15	1.61	ELK2LM391O30KT
	470	22X30	0.15	1.80	ELK2LM471O30KT
	470	25X25	0.15	1.80	ELK2LM471P25KT
	560	22X35	0.15	2.09	ELK2LM561O35KT
	560	25X30	0.15	2.05	ELK2LM561P30KT
	680	22X40	0.15	2.36	ELK2LM681O40KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
180	680	25X35	0.15	2.34	ELK2LM681P35KT
	680	30X25	0.15	2.27	ELK2LM681Q25KT
	820	22X45	0.15	2.72	ELK2LM821O45KT
	820	25X35	0.15	2.58	ELK2LM821P35KT
	820	30X30	0.15	2.56	ELK2LM821Q30KT
	1,000	25X45	0.15	2.91	ELK2LM102P45KT
	1,000	30X35	0.15	2.95	ELK2LM102Q35KT
	1,200	25X50	0.15	3.46	ELK2LM122P50KT
	1,200	30X40	0.15	3.38	ELK2LM122Q40KT
	1,200	35X30	0.15	3.32	ELK2LM122R30KT
	1,500	30X45	0.15	3.90	ELK2LM152Q45KT
	1,500	35X35	0.15	3.83	ELK2LM152R35KT
	1,800	30X50	0.15	4.33	ELK2LM182Q50KT
	1,800	35X40	0.15	4.32	ELK2LM182R40KT
	2,200	35X45	0.15	4.60	ELK2LM222R45KT
	2,700	35X50	0.15	5.05	ELK2LM272R50KT
200	270	22X25	0.15	1.30	ELK2DM271O25KT
	330	22X25	0.15	1.44	ELK2DM331O25KT
	390	22X30	0.15	1.65	ELK2DM391O30KT
	390	25X25	0.15	1.63	ELK2DM391P25KT
	470	22X35	0.15	1.88	ELK2DM471O35KT
	470	22X40	0.15	1.92	ELK2DM471O40KT
	470	25X35	0.15	1.88	ELK2DM471P35KT
	560	22X40	0.15	2.08	ELK2DM561O40KT
	560	25X30	0.15	2.05	ELK2DM561P30KT
	560	30X25	0.15	2.05	ELK2DM561Q25KT
	680	22X45	0.15	2.36	ELK2DM681O45KT
	680	25X35	0.15	2.36	ELK2DM681P35KT
	680	30X30	0.15	2.36	ELK2DM681Q30KT
	820	22X50	0.15	2.68	ELK2DM821O50KT
	820	25X40	0.15	2.66	ELK2DM821P40KT
	820	30X30	0.15	2.62	ELK2DM821Q30KT
	1,000	22X50	0.15	3.00	ELK2DM102O50KT
	1,000	25X45	0.15	3.12	ELK2DM102P45KT
	1,000	30X35	0.15	3.00	ELK2DM102Q35KT
	1,000	35X30	0.15	2.96	ELK2DM102R30KT
	1,200	25X50	0.15	3.44	ELK2DM122P50KT
	1,200	30X40	0.15	3.44	ELK2DM122Q40KT
	1,200	35X35	0.15	3.40	ELK2DM122R35KT
	1,500	30X50	0.15	3.93	ELK2DM152Q50KT
	1,500	35X40	0.15	3.87	ELK2DM152R40KT
	1,800	35X45	0.15	4.37	ELK2DM182R45KT
	2,200	35X50	0.15	5.00	ELK2DM222R50KT
220	220	22X25	0.15	1.18	ELK2NM221O25KT

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
220	270	22X25	0.15	1.31	ELK2NM271O25KT
	330	22X30	0.15	1.58	ELK2NM331O30KT
	330	25X25	0.15	1.49	ELK2NM331P25KT
	390	22X35	0.15	1.69	ELK2NM391O35KT
	390	25X30	0.15	1.71	ELK2NM391P30KT
	470	22X40	0.15	1.99	ELK2NM471O40KT
	470	25X30	0.15	1.95	ELK2NM471P30KT
	470	25X35	0.15	2.00	ELK2NM471P35KT
	470	30X25	0.15	1.89	ELK2NM471Q25KT
	560	22X45	0.15	2.28	ELK2NM561O45KT
	560	25X35	0.15	2.22	ELK2NM561P35KT
	560	30X30	0.15	2.19	ELK2NM561Q30KT
	680	22X50	0.15	2.46	ELK2NM681O50KT
	680	25X40	0.15	2.40	ELK2NM681P40KT
	680	30X30	0.15	2.39	ELK2NM681Q30KT
	820	25X45	0.15	2.81	ELK2NM821P45KT
	820	30X35	0.15	2.70	ELK2NM821Q35KT
	820	35X30	0.15	2.62	ELK2NM821R30KT
	1,000	25X50	0.15	3.13	ELK2NM102P50KT
	1,000	30X40	0.15	3.08	ELK2NM102Q40KT
	1,000	35X35	0.15	3.05	ELK2NM102R35KT
	1,200	30X45	0.15	3.60	ELK2NM122Q45KT
	1,200	35X40	0.15	3.51	ELK2NM122R40KT
	1,500	35X45	0.15	3.92	ELK2NM152R45KT
250	220	22X25	0.15	1.18	ELK2EM221O25KT
	270	22X30	0.15	1.43	ELK2EM271O30KT
	330	22X30	0.15	1.58	ELK2EM331O30KT
	330	25X25	0.15	1.53	ELK2EM331P25KT
	390	22X40	0.15	1.79	ELK2EM391O40KT
	390	25X30	0.15	1.79	ELK2EM391P30KT
	470	22X40	0.15	2.05	ELK2EM471O40KT
	470	25X35	0.15	2.05	ELK2EM471P35KT
	470	30X25	0.15	1.94	ELK2EM471Q25KT
	560	22X45	0.15	2.36	ELK2EM561O45KT
	560	25X35	0.15	2.24	ELK2EM561P35KT
	560	30X30	0.15	2.24	ELK2EM561Q30KT
	680	25X40	0.15	2.54	ELK2EM681P40KT
	680	30X35	0.15	2.58	ELK2EM681Q35KT
	820	25X50	0.15	2.87	ELK2EM821P50KT
	820	30X35	0.15	2.84	ELK2EM821Q35KT
	820	35X30	0.15	2.82	ELK2EM821R30KT
	1,000	30X45	0.15	3.39	ELK2EM102Q45KT
	1,000	35X35	0.15	3.31	ELK2EM102R35KT
	1,200	30X50	0.15	3.80	ELK2EM122Q50KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
250	1,200	35X40	0.15	3.66	ELK2EM122R40KT
	1,500	35X45	0.15	4.12	ELK2EM152R45KT
	1,800	35X50	0.15	4.31	ELK2EM182R50KT
315	180	22X30	0.15	1.23	ELK2FM181O30KT
	180	25X25	0.15	1.31	ELK2FM181P25KT
	220	22X35	0.15	1.34	ELK2FM221O35KT
	220	25X30	0.15	1.40	ELK2FM221P30KT
	270	22X40	0.15	1.60	ELK2FM271O40KT
	270	25X30	0.15	1.62	ELK2FM271P30KT
	330	22X45	0.15	1.82	ELK2FM331O45KT
	330	25X35	0.15	1.85	ELK2FM331P35KT
	330	30X30	0.15	1.89	ELK2FM331Q30KT
	390	22X50	0.15	1.97	ELK2FM391O50KT
	390	25X40	0.15	2.01	ELK2FM391P40KT
	390	30X30	0.15	2.05	ELK2FM391Q30KT
	470	25X45	0.15	2.20	ELK2FM471P45KT
	470	30X35	0.15	2.27	ELK2FM471Q35KT
	470	35X30	0.15	2.25	ELK2FM471R30KT
	560	30X40	0.15	2.50	ELK2FM561Q40KT
	560	35X35	0.15	2.56	ELK2FM561R35KT
	680	30X45	0.15	2.67	ELK2FM681Q45KT
	680	35X40	0.15	2.90	ELK2FM681R40KT
	820	30X50	0.15	3.12	ELK2FM821Q50KT
	820	35X45	0.15	3.29	ELK2FM821R45KT
	1,000	35X50	0.15	3.40	ELK2FM102R50KT
350	120	22X25	0.15	0.99	ELK2VM121O25KT
	150	22X30	0.15	1.44	ELK2VM151O30KT
	150	25X25	0.15	1.16	ELK2VM151P25KT
	180	22X35	0.15	1.28	ELK2VM181O35KT
	180	25X30	0.15	1.30	ELK2VM181P30KT
	220	22X40	0.15	1.40	ELK2VM221O40KT
	220	25X35	0.15	1.46	ELK2VM221P35KT
	220	30X25	0.15	1.47	ELK2VM221Q25KT
	270	22X45	0.15	1.62	ELK2VM271O45KT
	270	25X35	0.15	1.65	ELK2VM271P35KT
	270	30X30	0.15	1.71	ELK2VM271Q30KT
	330	22X50	0.15	1.78	ELK2VM331O50KT
	330	25X40	0.15	1.88	ELK2VM331P40KT
	330	30X35	0.15	1.93	ELK2VM331Q35KT
	390	25X45	0.15	2.04	ELK2VM391P45KT
	390	30X35	0.15	2.12	ELK2VM391Q35KT
	390	35X30	0.15	2.19	ELK2VM391R30KT
	470	30X40	0.15	2.41	ELK2VM471Q40KT
	470	35X35	0.15	2.43	ELK2VM471R35KT

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
350	560	30X45	0.15	2.60	ELK2VM561Q45KT
	560	35X35	0.15	2.62	ELK2VM561R35KT
	680	35X40	0.15	3.00	ELK2VM681R40KT
	820	35X50	0.15	3.30	ELK2VM821R50KT
385	82	22X25	0.15	0.70	ELK3BM820O25KT
	100	22X30	0.15	0.82	ELK3BM101O30KT
	120	22X30	0.15	0.91	ELK3BM121O30KT
	120	25X25	0.15	0.95	ELK3BM121P25KT
	150	22X35	0.15	1.04	ELK3BM151O35KT
	150	25X30	0.15	1.08	ELK3BM151P30KT
	180	22X40	0.15	1.18	ELK3BM181O40KT
	180	25X35	0.15	1.20	ELK3BM181P35KT
	180	30X25	0.15	1.28	ELK3BM181Q25KT
	220	22X45	0.15	1.33	ELK3BM221O45KT
	220	25X35	0.15	1.44	ELK3BM221P35KT
	220	30X30	0.15	1.40	ELK3BM221Q30KT
	270	25X40	0.15	1.56	ELK3BM271P40KT
	270	30X35	0.15	1.62	ELK3BM271Q35KT
	330	25X50	0.15	1.80	ELK3BM331P50KT
	330	30X40	0.15	1.85	ELK3BM331Q40KT
	330	35X30	0.15	1.85	ELK3BM331R30KT
	390	30X40	0.15	2.04	ELK3BM391Q40KT
	390	35X35	0.15	2.06	ELK3BM391R35KT
	470	30X50	0.15	2.27	ELK3BM471Q50KT
	470	35X40	0.15	2.30	ELK3BM471R40KT
	560	35X45	0.15	2.57	ELK3BM561R45KT
	680	35X50	0.15	2.80	ELK3BM681R50KT
400	82	22X25	0.15	0.80	ELK2GM820O25KT
	100	22X30	0.15	0.94	ELK2GM101O30KT
	120	22X30	0.15	1.04	ELK2GM121O30KT
	120	25X25	0.15	1.08	ELK2GM121P25KT
	150	22X35	0.15	1.18	ELK2GM151O35KT
	150	25X30	0.15	1.21	ELK2GM151P30KT
	180	22X40	0.15	1.34	ELK2GM181O40KT
	180	25X35	0.15	1.37	ELK2GM181P35KT
	180	30X25	0.15	1.45	ELK2GM181Q25KT
	220	22X45	0.15	1.50	ELK2GM221O45KT
	220	25X35	0.15	1.56	ELK2GM221P35KT
	220	30X30	0.15	1.58	ELK2GM221Q30KT
	270	25X40	0.15	1.70	ELK2GM271P40KT
	270	30X35	0.15	1.73	ELK2GM271Q35KT
	330	25X50	0.15	1.90	ELK2GM331P50KT
	330	30X40	0.15	1.95	ELK2GM331Q40KT
	330	35X30	0.15	1.95	ELK2GM331R30KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
400	390	25X50	0.15	2.15	ELK2GM391P50KT
	390	30X35	0.15	2.10	ELK2GM391Q35KT
	390	30X40	0.15	2.15	ELK2GM391Q40KT
	390	35X30	0.15	2.15	ELK2GM391R30KT
	390	35X35	0.15	2.17	ELK2GM391R35KT
	470	30X50	0.15	2.39	ELK2GM471Q50KT
	470	35X40	0.15	2.42	ELK2GM471R40KT
	560	35X40	0.15	2.55	ELK2GM561R40KT
	560	35X45	0.15	2.71	ELK2GM561R45KT
	680	30X60	0.15	2.92	ELK2GM681Q60KT
	680	35X45	0.15	2.92	ELK2GM681R45KT
	680	35X50	0.15	2.95	ELK2GM681R50KT
	820	30X50	0.15	2.80	ELK2GM821Q50KT
	820	30X55	0.15	2.95	ELK2GM821Q55KT
	820	30X60	0.15	3.00	ELK2GM821Q60KT
	820	35X60	0.15	3.25	ELK2GM821R60KT
	820	40X50	0.15	3.20	ELK2GM821Y50PT
	1,000	30X80	0.15	3.65	ELK2GM102Q80KT
	1,000	35X50	0.15	3.20	ELK2GM102R50KT
	1,000	35X60	0.15	3.65	ELK2GM102R60KT
	1,000	35X70	0.15	3.80	ELK2GM102R70KT
	1,000	40X55	0.15	3.55	ELK2GM102Y55PT
	1,200	35X65	0.15	3.80	ELK2GM122R65KT
	1,200	35X70	0.15	4.20	ELK2GM122R70KT
	1,200	40X60	0.15	4.20	ELK2GM122Y60PT
	1,500	35X85	0.15	4.50	ELK2GM152R85PT
	1,500	40X80	0.15	4.90	ELK2GM152Y80PT
	1,800	40X90	0.15	5.75	ELK2GM182Y90PT
	2,200	40X100	0.15	6.66	ELK2GM222YA0PT
420	82	22X25	0.15	0.75	ELK2TM820O25KT
	100	22X30	0.15	0.87	ELK2TM101O30KT
	100	25X25	0.15	0.92	ELK2TM101P25KT
	120	22X30	0.15	1.01	ELK2TM121O30KT
	120	25X25	0.15	1.03	ELK2TM121P25KT
	150	22X35	0.15	1.19	ELK2TM151O35KT
	150	25X30	0.15	1.19	ELK2TM151P30KT
	150	30X25	0.15	1.14	ELK2TM151Q25KT
	180	22X45	0.15	1.36	ELK2TM181O45KT
	180	25X35	0.15	1.37	ELK2TM181P35KT
	180	30X25	0.15	1.35	ELK2TM181Q25KT
	220	22X50	0.15	1.69	ELK2TM221O50KT
	220	25X35	0.15	1.58	ELK2TM221P35KT
	220	30X30	0.15	1.56	ELK2TM221Q30KT
	270	25X40	0.15	1.83	ELK2TM271P40KT

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
420	270	30X35	0.15	1.72	ELK2TM271Q35KT
	270	35X30	0.15	1.76	ELK2TM271R30KT
	330	25X45	0.15	2.18	ELK2TM331P45KT
	330	30X40	0.15	1.98	ELK2TM331Q40KT
	330	35X35	0.15	2.04	ELK2TM331R35KT
	390	30X45	0.15	2.34	ELK2TM391Q45KT
	390	35X35	0.15	2.26	ELK2TM391R35KT
	470	30X50	0.15	2.67	ELK2TM471Q50KT
	470	35X40	0.15	2.60	ELK2TM471R40KT
	560	35X45	0.15	2.93	ELK2TM561R45KT
	680	35X50	0.15	3.25	ELK2TM681R50KT
	820	35X60	0.15	3.60	ELK2TM821R60KT
	820	40X50	0.15	3.59	ELK2TM821Y50PT
	1,000	35X70	0.15	3.96	ELK2TM102R70KT
	1,000	40X60	0.15	3.80	ELK2TM102Y60PT
	1,200	35X80	0.15	4.60	ELK2TM122R80KT
	1,200	40X70	0.15	4.49	ELK2TM122Y70PT
	1,500	40X80	0.15	5.32	ELK2TM152Y80PT
	1,800	40X100	0.15	5.95	ELK2TM182YA0PT
	2,200	45X100	0.15	6.85	ELK2TM222IA0PT
450	100	22X25	0.15	0.92	ELK2WM101O25KT
	120	22X30	0.15	1.02	ELK2WM121O30KT
	120	25X25	0.15	1.04	ELK2WM121P25KT
	120	30X20	0.15	1.07	ELK2WM121Q20KT
	150	22X35	0.15	1.12	ELK2WM151O35KT
	150	25X30	0.15	1.19	ELK2WM151P30KT
	150	30X25	0.15	1.23	ELK2WM151Q25KT
	180	22X40	0.15	1.26	ELK2WM181O40KT
	180	25X35	0.15	1.33	ELK2WM181P35KT
	180	30X25	0.15	1.38	ELK2WM181Q25KT
	180	30X30	0.15	1.42	ELK2WM181Q30KT
	220	25X40	0.15	1.51	ELK2WM221P40KT
	220	30X30	0.15	1.56	ELK2WM221Q30KT
	220	35X25	0.15	1.58	ELK2WM221R25KT
	270	25X50	0.15	1.65	ELK2WM271P50KT
	270	30X30	0.15	1.65	ELK2WM271Q30KT
	270	30X40	0.15	1.80	ELK2WM271Q40KT
	270	35X30	0.15	1.81	ELK2WM271R30KT
	330	30X35	0.15	2.02	ELK2WM331Q35KT
	330	30X40	0.15	2.05	ELK2WM331Q40KT
	330	30X45	0.15	2.10	ELK2WM331Q45KT
	330	35X30	0.15	2.05	ELK2WM331R30KT
	390	30X40	0.15	2.20	ELK2WM391Q40KT
	390	30X45	0.15	2.24	ELK2WM391Q45KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
450	390	35X35	0.15	2.27	ELK2WM391R35KT
	470	30X45	0.15	2.55	ELK2WM471Q45KT
	470	35X40	0.15	2.55	ELK2WM471R40KT
	470	35X50	0.15	2.65	ELK2WM471R50KT
	560	25X65	0.15	2.60	ELK2WM561P65KT
	560	35X45	0.15	2.85	ELK2WM561R45KT
	560	35X50	0.15	3.00	ELK2WM561R50KT
	680	35X50	0.15	3.15	ELK2WM681R50KT
	820	35X55	0.15	3.60	ELK2WM821R55KT
	820	40X50	0.15	3.69	ELK2WM821Y50PT
	1,000	35X65	0.15	4.30	ELK2WM102R65KT
	1,000	40X60	0.15	4.42	ELK2WM102Y60PT
	1,200	35X80	0.15	4.80	ELK2WM122R80PT
	1,200	40X70	0.15	4.80	ELK2WM122Y70PT
	1,500	40X85	0.15	5.40	ELK2WM152Y85PT
	1,800	40X100	0.15	5.90	ELK2WM182YA0PT
	2,200	45X100	0.15	7.00	ELK2WM222IA0PT
500	68	22X25	0.15	0.68	ELK2HM680O25KT
	82	22X25	0.15	0.88	ELK2HM820O25KT
	100	22X30	0.15	0.94	ELK2HM101O30KT
	100	25X25	0.15	0.96	ELK2HM101P25KT
	120	22X35	0.15	1.06	ELK2HM121O35KT
	120	25X30	0.15	1.09	ELK2HM121P30KT
	120	30X25	0.15	1.13	ELK2HM121Q25KT
	150	22X40	0.15	1.19	ELK2HM151O40KT
	150	25X35	0.15	1.23	ELK2HM151P35KT
	150	30X25	0.15	1.26	ELK2HM151Q25KT
	180	25X40	0.15	1.39	ELK2HM181P40KT
	180	30X30	0.15	1.43	ELK2HM181Q30KT
	220	30X35	0.15	1.60	ELK2HM221Q35KT
	220	35X30	0.15	1.62	ELK2HM221R30KT
	270	35X35	0.15	1.85	ELK2HM271R35KT
	330	35X40	0.15	2.08	ELK2HM331R40KT
	390	35X45	0.15	2.31	ELK2HM391R45KT
	470	35X50	0.15	2.61	ELK2HM471R50KT
550	47	22X25	0.20	0.59	ELK2JM470O25KT
	56	22X30	0.20	0.63	ELK2JM560O30KT
	68	22X30	0.20	0.76	ELK2JM680O30KT
	68	25X25	0.20	0.72	ELK2JM680P25KT
	82	22X35	0.20	0.91	ELK2JM820O35KT
	82	25X30	0.20	0.89	ELK2JM820P30KT
	82	30X25	0.20	0.88	ELK2JM820Q25KT
	100	22X40	0.20	0.97	ELK2JM101O40KT
	100	25X35	0.20	0.97	ELK2JM101P35KT

LK 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
550	100	30X25	0.20	0.92	ELK2JM101Q25KT
	120	22X45	0.20	1.07	ELK2JM121O45KT
	120	25X40	0.20	1.16	ELK2JM121P40KT
	120	30X30	0.20	1.12	ELK2JM121Q30KT
	150	25X45	0.20	1.25	ELK2JM151P45KT
	150	30X35	0.20	1.29	ELK2JM151Q35KT
	150	35X30	0.20	1.29	ELK2JM151R30KT
	180	25X50	0.20	1.40	ELK2JM181P50KT
	180	30X40	0.20	1.45	ELK2JM181Q40KT
	180	35X30	0.20	1.36	ELK2JM181R30KT
	220	30X45	0.20	1.61	ELK2JM221Q45KT
	220	35X35	0.20	1.60	ELK2JM221R35KT
	270	35X40	0.20	2.00	ELK2JM271R40KT
	330	35X45	0.20	2.26	ELK2JM331R45KT
	390	35X50	0.20	2.45	ELK2JM391R50KT
	470	35X60	0.20	2.80	ELK2JM471R60KT
600	47	22X30	0.30	0.59	ELK2KM470O30KT
	56	22X35	0.30	0.63	ELK2KM560O35KT
	56	25X30	0.30	0.62	ELK2KM560P30KT
	68	22X40	0.30	0.76	ELK2KM680O40KT
	68	25X35	0.30	0.76	ELK2KM680P35KT
	82	22X45	0.30	0.92	ELK2KM820O45KT
	82	25X40	0.30	0.90	ELK2KM820P40KT
	100	25X45	0.30	1.01	ELK2KM101P45KT
	100	30X35	0.30	1.01	ELK2KM101Q35KT
	120	25X50	0.30	1.16	ELK2KM121P50KT
	120	30X40	0.30	1.16	ELK2KM121Q40KT
	150	30X45	0.30	1.29	ELK2KM151Q45KT
	180	30X50	0.30	1.45	ELK2KM181Q50KT
	180	35X40	0.30	1.45	ELK2KM181R40KT
	220	35X45	0.30	1.61	ELK2KM221R45KT
	270	35X50	0.30	2.02	ELK2KM271R50KT
	330	35X60	0.30	2.27	ELK2KM331R60KT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LH 系列/series

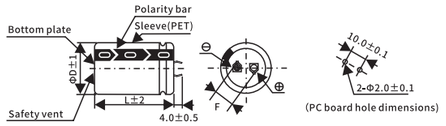
- 保证寿命:+105℃ 2,000小时
  Endurance: 2,000 hours at 105℃
- 符合RoHS
  RoHS Compliant
- 通用标准品
  General standard product

规格表 SPECIFICATIONS

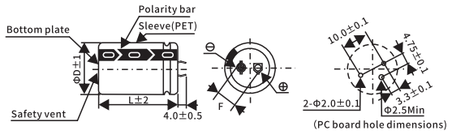
项目 Items	性能 Characteristics											
工作温度范围 Category Temperature Range	-40~+105℃								-25~+105℃			
额定电压范围 Rated Working Voltage Range	10~100V.DC								160~550V.DC			
静电容量允许偏差 Capacitance Tolerance	±20%(M)											(at 20°C,120Hz)
漏电流 Leakage Current	I≤3$\sqrt{CV}$ I:最大漏电流(μA), C:静电容量(μF), V:额定电压(V) Where, I: Max. leakage current (μA), C: Nominal capacitance (μF), V: Rated voltage (V)											(20℃,5分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	10	16	25	35	50	63	80	100	160~250	315~450	500~550	(at 20°C,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.55	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.15	0.20	
低温特性(最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	10	16	25	35	50	63	80	100	160~250	315~450	500~550	(at 120Hz)
	Z(-25°C)/Z(+20°C)	4	4	3	3	2	2	2	2	4	8	8	
	Z(-40°C)/Z(+20°C)	15	15	10	8	6	6	5	5	-	-	-	
耐久性 Endurance	在105°C环境中,连续加载直流电压与额定纹波电流2,000小时后,待温度恢复到20°C进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 2,000 hours at 105°C.											
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value										
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value										
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value										
高温贮存 Shelf Life	在105°C环境中,无负荷放置1,000小时后,待温度恢复到20°C进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.											
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value										
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value										
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value										

尺寸图 DIMENSIONS [mm]

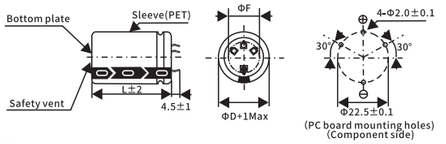
● 端子代码:K (Φ22 至 Φ35):标准
Terminal Code: K (Φ22 to Φ35): Standard



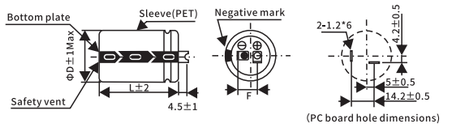
● 端子代码:T (Φ25 至 Φ35):标准
Terminal Code: T (Φ25 to Φ35): Standard



● 端子代码:P (Φ35 至 Φ45):标准
Terminal Code: P (Φ35 to Φ45): Standard



● 端子代码:L (Φ35):标准
Terminal Code: L (Φ35): Standard



产品料号体系 PART NUMBERING SYSTEM

E LH 2W M 221 O40 K T

- T: 套管代码:"C"代表PVC, "T"代表PET/ Sleeve code:"C" for PVC, "T" for PET
- K: 端子代码/Terminal code
- O40: 尺寸代码/Size code
- 221: 容量代码/Capacitance code
- M: 静电容量允许偏差代码/Capacitance tolerance code
- 2W: 电压代码/Voltage code
- LH: 系列代码/Series code
- E: 产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
10~50	1.00	1.03	1.05	1.08
63~100	1.00	1.07	1.13	1.19
160~250	1.00	1.32	1.45	1.50
315~550	1.00	1.30	1.41	1.43

LH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
10	10,000	22X25	0.55	1.77	ELH1AM103O25KT
	12,000	22X30	0.55	2.10	ELH1AM123O30KT
	12,000	25X25	0.55	1.94	ELH1AM123P25KT
	15,000	22X35	0.55	2.23	ELH1AM153O35KT
	15,000	25X30	0.55	2.10	ELH1AM153P30KT
	18,000	22X40	0.55	2.41	ELH1AM183O40KT
	18,000	25X30	0.55	2.34	ELH1AM183P30KT
	18,000	30X25	0.55	2.25	ELH1AM183Q25KT
	22,000	22X45	0.55	2.58	ELH1AM223O45KT
	22,000	25X35	0.55	2.54	ELH1AM223P35KT
	22,000	30X30	0.55	2.50	ELH1AM223Q30KT
	27,000	22X50	0.55	3.17	ELH1AM273O50KT
	27,000	25X40	0.55	3.07	ELH1AM273P40KT
	27,000	30X30	0.55	2.95	ELH1AM273Q30KT
	33,000	25X45	0.55	3.39	ELH1AM333P45KT
	33,000	30X35	0.55	3.33	ELH1AM333Q35KT
	33,000	35X30	0.55	3.21	ELH1AM333R30KT
	39,000	30X40	0.55	3.70	ELH1AM393Q40KT
	39,000	35X35	0.55	3.68	ELH1AM393R35KT
	47,000	30X45	0.55	4.22	ELH1AM473Q45KT
	47,000	35X40	0.55	4.16	ELH1AM473R40KT
	56,000	35X45	0.55	5.00	ELH1AM563R45KT
16	6,800	22X25	0.50	1.75	ELH1CM682O25KT
	8,200	22X30	0.50	2.00	ELH1CM822O30KT
	10,000	22X30	0.50	2.10	ELH1CM103O30KT
	10,000	25X25	0.50	2.05	ELH1CM103P25KT
	12,000	22X35	0.50	2.31	ELH1CM123O35KT
	12,000	25X30	0.50	2.30	ELH1CM123P30KT
	12,000	30X25	0.50	2.30	ELH1CM123Q25KT
	15,000	22X40	0.50	2.68	ELH1CM153O40KT
	15,000	25X35	0.50	2.58	ELH1CM153P35KT
	15,000	30X30	0.50	2.57	ELH1CM153Q30KT
	18,000	22X50	0.50	3.20	ELH1CM183O50KT
	18,000	25X40	0.50	3.16	ELH1CM183P40KT
	18,000	30X30	0.50	2.98	ELH1CM183Q30KT
	22,000	25X45	0.50	3.36	ELH1CM223P45KT
	22,000	30X35	0.50	3.30	ELH1CM223Q35KT
	22,000	35X30	0.50	3.25	ELH1CM223R30KT
	27,000	25X50	0.50	3.85	ELH1CM273P50KT
	27,000	30X40	0.50	3.80	ELH1CM273Q40KT
	27,000	35X35	0.50	3.93	ELH1CM273R35KT
	33,000	30X45	0.50	4.30	ELH1CM333Q45KT
	33,000	35X35	0.50	4.27	ELH1CM333R35KT
	39,000	30X50	0.50	4.81	ELH1CM393Q50KT

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■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
16	39,000	35X40	0.50	4.80	ELH1CM393R40KT
	47,000	35X45	0.50	5.53	ELH1CM473R45KT
25	4,700	22X25	0.45	1.61	ELH1EM472O25KT
	5,600	22X30	0.45	1.80	ELH1EM562O30KT
	6,800	22X35	0.45	2.09	ELH1EM682O35KT
	6,800	25X25	0.45	1.87	ELH1EM682P25KT
	8,200	22X40	0.45	2.31	ELH1EM822O40KT
	8,200	25X30	0.45	2.34	ELH1EM822P30KT
	8,200	30X25	0.45	2.16	ELH1EM822Q25KT
	10,000	22X45	0.45	2.65	ELH1EM103O45KT
	10,000	25X35	0.45	2.61	ELH1EM103P35KT
	10,000	30X30	0.45	2.61	ELH1EM103Q30KT
	12,000	22X50	0.45	2.80	ELH1EM123O50KT
	12,000	25X40	0.45	2.81	ELH1EM123P40KT
	12,000	30X30	0.45	2.74	ELH1EM123Q30KT
	15,000	25X45	0.45	3.27	ELH1EM153P45KT
	15,000	30X35	0.45	3.13	ELH1EM153Q35KT
	15,000	35X30	0.45	3.26	ELH1EM153R30KT
	18,000	30X40	0.45	3.56	ELH1EM183Q40KT
	18,000	35X35	0.45	3.84	ELH1EM183R35KT
	22,000	30X45	0.45	4.04	ELH1EM223Q45KT
	22,000	35X35	0.45	3.75	ELH1EM223R35KT
	27,000	35X45	0.45	4.74	ELH1EM273R45KT
	33,000	35X50	0.45	5.50	ELH1EM333R50KT
35	3,300	22X25	0.40	1.45	ELH1VM332O25KT
	3,900	22X30	0.40	1.69	ELH1VM392O30KT
	4,700	22X35	0.40	2.02	ELH1VM472O35KT
	4,700	25X25	0.40	1.62	ELH1VM472P25KT
	5,600	22X35	0.40	2.13	ELH1VM562O35KT
	5,600	25X30	0.40	2.00	ELH1VM562P30KT
	6,800	22X40	0.40	2.41	ELH1VM682O40KT
	6,800	25X35	0.40	2.31	ELH1VM682P35KT
	6,800	30X25	0.40	2.31	ELH1VM682Q25KT
	8,200	22X50	0.40	2.85	ELH1VM822O50KT
	8,200	25X40	0.40	2.73	ELH1VM822P40KT
	8,200	30X30	0.40	2.75	ELH1VM822Q30KT
	10,000	25X45	0.40	3.05	ELH1VM103P45KT
	10,000	30X35	0.40	3.05	ELH1VM103Q35KT
	12,000	25X50	0.40	3.37	ELH1VM123P50KT
	12,000	30X40	0.40	3.23	ELH1VM123Q40KT
	12,000	35X30	0.40	3.19	ELH1VM123R30KT
	15,000	30X45	0.40	3.72	ELH1VM153Q45KT
	15,000	35X35	0.40	3.67	ELH1VM153R35KT
	18,000	35X40	0.40	4.37	ELH1VM183R40KT

LH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
35	22,000	35X45	0.40	4.92	ELH1VM223R45KT
50	1,800	22X25	0.35	1.34	ELH1HM182O25KT
	2,200	22X30	0.35	1.60	ELH1HM222O30KT
	2,700	22X30	0.35	1.70	ELH1HM272O30KT
	2,700	25X25	0.35	1.70	ELH1HM272P25KT
	3,300	22X35	0.35	1.97	ELH1HM332O35KT
	3,300	25X30	0.35	1.88	ELH1HM332P30KT
	3,900	22X40	0.35	2.22	ELH1HM392O40KT
	3,900	25X30	0.35	2.20	ELH1HM392P30KT
	3,900	30X25	0.35	1.95	ELH1HM392Q25KT
	4,700	22X45	0.35	2.43	ELH1HM472O45KT
	4,700	25X35	0.35	2.43	ELH1HM472P35KT
	4,700	30X30	0.35	2.25	ELH1HM472Q30KT
	5,600	22X50	0.35	2.75	ELH1HM562O50KT
	5,600	25X40	0.35	2.72	ELH1HM562P40KT
	5,600	30X30	0.35	2.64	ELH1HM562Q30KT
	6,800	25X45	0.35	3.30	ELH1HM682P45KT
	6,800	30X35	0.35	3.30	ELH1HM682Q35KT
	6,800	35X30	0.35	3.25	ELH1HM682R30KT
	8,200	30X40	0.35	3.60	ELH1HM822Q40KT
	8,200	35X35	0.35	3.60	ELH1HM822R35KT
	10,000	30X50	0.35	4.05	ELH1HM103Q50KT
	10,000	35X40	0.35	4.04	ELH1HM103R40KT
	12,000	35X45	0.35	4.56	ELH1HM123R45KT
	15,000	35X50	0.35	4.77	ELH1HM153R50KT
63	1,200	22X25	0.30	1.20	ELH1JM122O25KT
	1,500	22X30	0.30	1.47	ELH1JM152O30KT
	1,800	22X30	0.30	1.58	ELH1JM182O30KT
	1,800	25X25	0.30	1.52	ELH1JM182P25KT
	2,200	22X35	0.30	1.82	ELH1JM222O35KT
	2,200	25X30	0.30	1.75	ELH1JM222P30KT
	2,700	22X40	0.30	2.07	ELH1JM272O40KT
	2,700	25X35	0.30	2.11	ELH1JM272P35KT
	2,700	30X25	0.30	1.72	ELH1JM272Q25KT
	3,300	22X45	0.30	2.33	ELH1JM332O45KT
	3,300	25X35	0.30	2.27	ELH1JM332P35KT
	3,300	30X30	0.30	2.24	ELH1JM332Q30KT
	3,900	25X40	0.30	2.51	ELH1JM392P40KT
	3,900	30X35	0.30	2.55	ELH1JM392Q35KT
	4,700	25X45	0.30	2.80	ELH1JM472P45KT
	4,700	25X50	0.30	2.97	ELH1JM472P50KT
	4,700	30X40	0.30	2.86	ELH1JM472Q40KT
	4,700	35X30	0.30	2.80	ELH1JM472R30KT
	5,600	30X40	0.30	3.22	ELH1JM562Q40KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
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LH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
63	5,600	35X35	0.30	3.20	ELH1JM562R35KT
	6,800	25X55	0.30	3.40	ELH1JM682P55KT
	6,800	30X50	0.30	3.65	ELH1JM682Q50KT
	6,800	35X40	0.30	3.65	ELH1JM682R40KT
	8,200	35X45	0.30	4.04	ELH1JM822R45KT
	10,000	35X50	0.30	4.48	ELH1JM103R50KT
80	1,000	22X25	0.25	1.19	ELH1BM102O25KT
	1,200	22X30	0.25	1.44	ELH1BM122O30KT
	1,500	22X30	0.25	1.59	ELH1BM152O30KT
	1,500	25X25	0.25	1.59	ELH1BM152P25KT
	1,800	22X30	0.25	1.65	ELH1BM182O30KT
	1,800	22X35	0.25	1.79	ELH1BM182O35KT
	1,800	25X30	0.25	1.71	ELH1BM182P30KT
	2,200	22X40	0.25	2.03	ELH1BM222O40KT
	2,200	25X35	0.25	1.98	ELH1BM222P35KT
	2,200	30X25	0.25	1.98	ELH1BM222Q25KT
	2,700	22X45	0.25	2.39	ELH1BM272O45KT
	2,700	25X40	0.25	2.35	ELH1BM272P40KT
	2,700	30X30	0.25	2.35	ELH1BM272Q30KT
	3,300	25X45	0.25	2.64	ELH1BM332P45KT
	3,300	30X35	0.25	2.61	ELH1BM332Q35KT
	3,300	35X30	0.25	2.74	ELH1BM332R30KT
	3,900	25X50	0.25	2.92	ELH1BM392P50KT
	3,900	30X40	0.25	2.82	ELH1BM392Q40KT
	3,900	35X30	0.25	2.97	ELH1BM392R30KT
	4,700	30X45	0.25	3.34	ELH1BM472Q45KT
	4,700	35X35	0.25	3.38	ELH1BM472R35KT
	5,600	30X50	0.25	3.80	ELH1BM562Q50KT
	5,600	35X40	0.25	3.80	ELH1BM562R40KT
	6,800	35X45	0.25	3.90	ELH1BM682R45KT
	8,200	35X50	0.25	4.20	ELH1BM822R50KT
100	680	22X25	0.20	1.09	ELH1KM681O25KT
	820	22X30	0.20	1.32	ELH1KM821O30KT
	1,000	22X30	0.20	1.47	ELH1KM102O30KT
	1,000	22X35	0.20	1.52	ELH1KM102O35KT
	1,000	25X25	0.20	1.45	ELH1KM102P25KT
	1,200	22X35	0.20	1.69	ELH1KM122O35KT
	1,200	25X30	0.20	1.68	ELH1KM122P30KT
	1,500	22X40	0.20	1.97	ELH1KM152O40KT
	1,500	25X35	0.20	1.98	ELH1KM152P35KT
	1,500	30X25	0.20	1.95	ELH1KM152Q25KT
	1,800	22X45	0.20	2.23	ELH1KM182O45KT
	1,800	25X35	0.20	2.15	ELH1KM182P35KT
	1,800	25X40	0.20	2.20	ELH1KM182P40KT

LH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
100	1,800	30X30	0.20	2.20	ELH1KM182Q30KT
	2,200	25X45	0.20	2.53	ELH1KM222P45KT
	2,200	30X35	0.20	2.55	ELH1KM222Q35KT
	2,200	35X30	0.20	2.50	ELH1KM222R30KT
	2,700	25X50	0.20	2.82	ELH1KM272P50KT
	2,700	30X40	0.20	2.86	ELH1KM272Q40KT
	2,700	35X35	0.20	2.89	ELH1KM272R35KT
	3,300	30X45	0.20	3.30	ELH1KM332Q45KT
	3,300	35X35	0.20	3.25	ELH1KM332R35KT
	3,900	30X50	0.20	3.60	ELH1KM392Q50KT
	3,900	35X40	0.20	3.67	ELH1KM392R40KT
	4,700	35X45	0.20	3.80	ELH1KM472R45KT
	5,600	35X50	0.20	4.05	ELH1KM562R50KT
160	220	22X25	0.15	0.92	ELH2CM221O25KT
	330	22X25	0.15	1.03	ELH2CM331O25KT
	390	22X30	0.15	1.17	ELH2CM391O30KT
	470	22X30	0.15	1.28	ELH2CM471O30KT
	470	25X25	0.15	1.29	ELH2CM471P25KT
	560	22X35	0.15	1.45	ELH2CM561O35KT
	560	25X30	0.15	1.49	ELH2CM561P30KT
	680	22X40	0.15	1.64	ELH2CM681O40KT
	680	25X35	0.15	1.70	ELH2CM681P35KT
	680	30X25	0.15	1.63	ELH2CM681Q25KT
	820	22X45	0.15	1.85	ELH2CM821O45KT
	820	25X40	0.15	1.92	ELH2CM821P40KT
	820	30X30	0.15	1.91	ELH2CM821Q30KT
	1,000	25X45	0.15	2.17	ELH2CM102P45KT
	1,000	30X35	0.15	2.19	ELH2CM102Q35KT
	1,200	25X50	0.15	2.43	ELH2CM122P50KT
	1,200	30X40	0.15	2.48	ELH2CM122Q40KT
	1,200	35X30	0.15	2.25	ELH2CM122R30KT
	1,500	30X45	0.15	2.82	ELH2CM152Q45KT
	1,500	35X35	0.15	2.62	ELH2CM152R35KT
	1,800	30X50	0.15	3.13	ELH2CM182Q50KT
	1,800	35X40	0.15	2.97	ELH2CM182R40KT
	2,200	35X45	0.15	3.34	ELH2CM222R45KT
180	270	22X25	0.15	0.97	ELH2LM271O25KT
	330	22X30	0.15	1.13	ELH2LM331O30KT
	390	22X30	0.15	1.32	ELH2LM391O30KT
	390	25X25	0.15	1.33	ELH2LM391P25KT
	470	22X35	0.15	1.39	ELH2LM471O35KT
	470	25X30	0.15	1.43	ELH2LM471P30KT
	560	22X40	0.15	1.56	ELH2LM561O40KT
	560	25X30	0.15	1.53	ELH2LM561P30KT

LH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
180	560	30X25	0.15	1.56	ELH2LM561Q25KT
	680	22X45	0.15	1.76	ELH2LM681O45KT
	680	25X35	0.15	1.76	ELH2LM681P35KT
	680	30X30	0.15	1.74	ELH2LM681Q30KT
	820	22X50	0.15	1.97	ELH2LM821O50KT
	820	25X40	0.15	1.99	ELH2LM821P40KT
	820	30X30	0.15	1.93	ELH2LM821Q30KT
	1,000	25X45	0.15	2.24	ELH2LM102P45KT
	1,000	30X35	0.15	2.24	ELH2LM102Q35KT
	1,000	35X30	0.15	2.20	ELH2LM102R30KT
	1,200	30X40	0.15	2.53	ELH2LM122Q40KT
	1,200	35X35	0.15	2.54	ELH2LM122R35KT
	1,500	30X50	0.15	3.03	ELH2LM152Q50KT
	1,500	35X40	0.15	2.91	ELH2LM152R40KT
	1,800	35X45	0.15	3.25	ELH2LM182R45KT
	2,200	35X50	0.15	3.62	ELH2LM222R50KT
200	270	22X25	0.15	0.99	ELH2DM271O25KT
	330	22X30	0.15	1.20	ELH2DM331O30KT
	330	25X25	0.15	1.20	ELH2DM331P25KT
	390	22X35	0.15	1.30	ELH2DM391O35KT
	390	25X30	0.15	1.34	ELH2DM391P30KT
	470	22X40	0.15	1.44	ELH2DM471O40KT
	470	25X30	0.15	1.44	ELH2DM471P30KT
	470	30X25	0.15	1.48	ELH2DM471Q25KT
	560	22X35	0.15	1.50	ELH2DM561O35KT
	560	22X45	0.15	1.60	ELH2DM561O45KT
	560	25X35	0.15	1.60	ELH2DM561P35KT
	560	30X30	0.15	1.60	ELH2DM561Q30KT
	680	22X50	0.15	1.75	ELH2DM681O50KT
	680	25X40	0.15	1.76	ELH2DM681P40KT
	680	30X30	0.15	1.74	ELH2DM681Q30KT
	820	25X45	0.15	2.10	ELH2DM821P45KT
	820	30X35	0.15	2.11	ELH2DM821Q35KT
	820	35X30	0.15	2.10	ELH2DM821R30KT
	1,000	25X45	0.15	2.20	ELH2DM102P45KT
	1,000	25X50	0.15	2.36	ELH2DM102P50KT
	1,000	30X40	0.15	2.40	ELH2DM102Q40KT
	1,000	35X35	0.15	2.30	ELH2DM102R35KT
	1,200	30X45	0.15	2.69	ELH2DM122Q45KT
	1,200	35X35	0.15	2.53	ELH2DM122R35KT
	1,500	30X45	0.15	2.60	ELH2DM152Q45KT
	1,500	35X40	0.15	2.97	ELH2DM152R40KT
	1,800	35X50	0.15	3.45	ELH2DM182R50KT
220	220	22X25	0.15	0.94	ELH2NM221O25KT

LH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
220	270	22X30	0.15	1.09	ELH2NM271O30KT
	330	22X35	0.15	1.24	ELH2NM331O35KT
	330	25X30	0.15	1.14	ELH2NM331P30KT
	390	22X35	0.15	1.30	ELH2NM391O35KT
	390	25X30	0.15	1.26	ELH2NM391P30KT
	470	22X40	0.15	1.41	ELH2NM471O40KT
	470	25X35	0.15	1.39	ELH2NM471P35KT
	470	30X25	0.15	1.37	ELH2NM471Q25KT
	560	22X45	0.15	1.60	ELH2NM561O45KT
	560	25X40	0.15	1.56	ELH2NM561P40KT
	560	30X30	0.15	1.61	ELH2NM561Q30KT
	560	35X25	0.15	1.52	ELH2NM561R25KT
	680	25X45	0.15	1.75	ELH2NM681P45KT
	680	30X35	0.15	1.76	ELH2NM681Q35KT
	680	35X30	0.15	1.72	ELH2NM681R30KT
	820	25X50	0.15	1.97	ELH2NM821P50KT
	820	30X40	0.15	2.06	ELH2NM821Q40KT
	820	35X30	0.15	1.95	ELH2NM821R30KT
	1,000	30X45	0.15	2.44	ELH2NM102Q45KT
	1,000	35X35	0.15	2.20	ELH2NM102R35KT
	1,200	35X40	0.15	2.37	ELH2NM122R40KT
	1,500	35X45	0.15	2.64	ELH2NM152R45KT
250	180	22X25	0.15	0.84	ELH2EM181O25KT
	220	22X30	0.15	0.97	ELH2EM221O30KT
	220	25X25	0.15	0.99	ELH2EM221P25KT
	270	22X35	0.15	1.11	ELH2EM271O35KT
	270	25X30	0.15	1.15	ELH2EM271P30KT
	330	22X40	0.15	1.26	ELH2EM331O40KT
	330	25X30	0.15	1.26	ELH2EM331P30KT
	330	30X25	0.15	1.31	ELH2EM331Q25KT
	390	22X45	0.15	1.41	ELH2EM391O45KT
	390	25X35	0.15	1.42	ELH2EM391P35KT
	390	30X30	0.15	1.50	ELH2EM391Q30KT
	470	22X50	0.15	1.58	ELH2EM471O50KT
	470	25X40	0.15	1.61	ELH2EM471P40KT
	470	30X30	0.15	1.61	ELH2EM471Q30KT
	560	25X45	0.15	1.80	ELH2EM561P45KT
	560	30X35	0.15	1.84	ELH2EM561Q35KT
	680	25X50	0.15	2.03	ELH2EM681P50KT
	680	30X40	0.15	2.09	ELH2EM681Q40KT
	680	35X25	0.15	1.80	ELH2EM681R25KT
	680	35X30	0.15	1.96	ELH2EM681R30KT
	820	30X45	0.15	2.35	ELH2EM821Q45KT
	820	35X35	0.15	2.26	ELH2EM821R35KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
250	1,000	30X50	0.15	2.64	ELH2EM102Q50KT
	1,000	35X35	0.15	2.40	ELH2EM102R35KT
	1,000	35X40	0.15	2.57	ELH2EM102R40KT
	1,200	35X45	0.15	2.88	ELH2EM122R45KT
	1,200	40X40	0.15	2.88	ELH2EM122Y40PT
	1,500	35X50	0.15	3.00	ELH2EM152R50KT
315	120	22X25	0.15	0.56	ELH2FM121O25KT
	150	22X30	0.15	0.66	ELH2FM151O30KT
	150	25X25	0.15	0.65	ELH2FM151P25KT
	180	22X30	0.15	0.78	ELH2FM181O30KT
	180	25X25	0.15	0.71	ELH2FM181P25KT
	220	22X35	0.15	0.89	ELH2FM221O35KT
	220	25X30	0.15	0.85	ELH2FM221P30KT
	270	22X40	0.15	1.01	ELH2FM271O40KT
	270	25X30	0.15	0.98	ELH2FM271P30KT
	270	30X25	0.15	1.01	ELH2FM271Q25KT
	330	22X45	0.15	1.14	ELH2FM331O45KT
	330	25X35	0.15	1.12	ELH2FM331P35KT
	330	30X30	0.15	1.21	ELH2FM331Q30KT
	390	25X40	0.15	1.31	ELH2FM391P40KT
	390	30X30	0.15	1.30	ELH2FM391Q30KT
	390	35X25	0.15	1.23	ELH2FM391R25KT
	470	30X35	0.15	1.53	ELH2FM471Q35KT
	470	35X30	0.15	1.47	ELH2FM471R30KT
	560	30X40	0.15	1.65	ELH2FM561Q40KT
	560	35X35	0.15	1.66	ELH2FM561R35KT
	680	30X45	0.15	1.80	ELH2FM681Q45KT
	680	35X40	0.15	1.96	ELH2FM681R40KT
	820	35X50	0.15	2.19	ELH2FM821R50KT
350	100	22X25	0.15	0.53	ELH2VM101O25KT
	120	22X30	0.15	0.61	ELH2VM121O30KT
	120	25X25	0.15	0.62	ELH2VM121P25KT
	150	22X35	0.15	0.73	ELH2VM151O35KT
	150	25X30	0.15	0.73	ELH2VM151P30KT
	180	22X40	0.15	0.83	ELH2VM181O40KT
	180	25X30	0.15	0.80	ELH2VM181P30KT
	180	30X25	0.15	0.81	ELH2VM181Q25KT
	220	22X45	0.15	0.94	ELH2VM221O45KT
	220	25X35	0.15	0.92	ELH2VM221P35KT
	220	30X30	0.15	0.98	ELH2VM221Q30KT
	270	22X50	0.15	1.07	ELH2VM271O50KT
	270	25X40	0.15	1.05	ELH2VM271P40KT
	270	30X30	0.15	1.03	ELH2VM271Q30KT
	330	25X45	0.15	1.24	ELH2VM331P45KT

LH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
350	330	30X35	0.15	1.24	ELH2VM331Q35KT
	330	35X30	0.15	1.18	ELH2VM331R30KT
	390	25X50	0.15	1.38	ELH2VM391P50KT
	390	30X40	0.15	1.39	ELH2VM391Q40KT
	390	35X35	0.15	1.39	ELH2VM391R35KT
	470	30X45	0.15	1.57	ELH2VM471Q45KT
	470	35X35	0.15	1.50	ELH2VM471R35KT
	560	30X50	0.15	1.75	ELH2VM561Q50KT
	560	35X40	0.15	1.69	ELH2VM561R40KT
	680	35X45	0.15	1.96	ELH2VM681R45KT
385	82	22X25	0.15	0.52	ELH3BM820O25KT
	100	22X25	0.15	0.58	ELH3BM101O25KT
	120	22X30	0.15	0.68	ELH3BM121O30KT
	120	25X25	0.15	0.68	ELH3BM121P25KT
	150	22X30	0.15	0.79	ELH3BM151O30KT
	150	25X25	0.15	0.78	ELH3BM151P25KT
	180	22X35	0.15	0.89	ELH3BM181O35KT
	180	25X30	0.15	0.86	ELH3BM181P30KT
	220	22X40	0.15	1.01	ELH3BM221O40KT
	220	25X25	0.15	0.92	ELH3BM221P25KT
	220	25X30	0.15	1.01	ELH3BM221P30KT
	270	25X35	0.15	1.13	ELH3BM271P35KT
	270	30X30	0.15	1.14	ELH3BM271Q30KT
	270	35X25	0.15	1.10	ELH3BM271R25KT
	330	30X30	0.15	1.20	ELH3BM331Q30KT
	330	30X35	0.15	1.31	ELH3BM331Q35KT
	330	35X25	0.15	1.32	ELH3BM331R25KT
	390	30X35	0.15	1.48	ELH3BM391Q35KT
	390	35X30	0.15	1.48	ELH3BM391R30KT
	470	35X35	0.15	1.76	ELH3BM471R35KT
	560	35X40	0.15	1.95	ELH3BM561R40KT
400	82	22X25	0.15	0.56	ELH2GM820O25KT
	100	22X25	0.15	0.62	ELH2GM101O25KT
	120	22X30	0.15	0.73	ELH2GM121O30KT
	120	25X25	0.15	0.73	ELH2GM121P25KT
	150	22X35	0.15	0.85	ELH2GM151O35KT
	150	25X25	0.15	0.80	ELH2GM151P25KT
	150	25X30	0.15	0.85	ELH2GM151P30KT
	180	22X35	0.15	0.92	ELH2GM181O35KT
	180	22X40	0.15	0.95	ELH2GM181O40KT
	180	25X30	0.15	0.92	ELH2GM181P30KT
	180	30X25	0.15	0.95	ELH2GM181Q25KT
	220	22X40	0.15	1.08	ELH2GM221O40KT
	220	22X45	0.15	1.16	ELH2GM221O45KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
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LH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
400	220	25X35	0.15	1.16	ELH2GM221P35KT
	220	30X25	0.15	1.16	ELH2GM221Q25KT
	220	30X30	0.15	1.24	ELH2GM221Q30KT
	270	25X40	0.15	1.29	ELH2GM271P40KT
	270	30X25	0.15	1.20	ELH2GM271Q25KT
	270	30X30	0.15	1.36	ELH2GM271Q30KT
	270	35X25	0.15	1.36	ELH2GM271R25KT
	330	30X30	0.15	1.40	ELH2GM331Q30KT
	330	30X35	0.15	1.47	ELH2GM331Q35KT
	330	35X30	0.15	1.47	ELH2GM331R30KT
	390	30X35	0.15	1.55	ELH2GM391Q35KT
	390	30X40	0.15	1.64	ELH2GM391Q40KT
	390	35X30	0.15	1.55	ELH2GM391R30KT
	470	30X40	0.15	1.68	ELH2GM471Q40KT
	470	30X45	0.15	1.74	ELH2GM471Q45KT
	470	35X35	0.15	1.68	ELH2GM471R35KT
	470	35X40	0.15	1.74	ELH2GM471R40KT
	560	30X45	0.15	1.80	ELH2GM561Q45KT
	560	30X50	0.15	1.90	ELH2GM561Q50KT
	560	35X40	0.15	1.90	ELH2GM561R40KT
	680	30X50	0.15	2.00	ELH2GM681Q50KT
	680	30X55	0.15	2.20	ELH2GM681Q55KT
	680	35X40	0.15	2.00	ELH2GM681R40KT
	680	35X45	0.15	2.20	ELH2GM681R45KT
	680	35X50	0.15	2.36	ELH2GM681R50KT
	820	35X50	0.15	2.36	ELH2GM821R50KT
	820	35X55	0.15	2.50	ELH2GM821R55KT
	1,000	35X65	0.15	2.60	ELH2GM102R65KT
	1,000	35X70	0.15	2.65	ELH2GM102R70KT
	1,000	40X60	0.15	2.60	ELH2GM102Y60PT
	1,200	35X75	0.15	2.85	ELH2GM122R75KT
	1,200	40X70	0.15	2.97	ELH2GM122Y70PT
	1,500	40X80	0.15	3.48	ELH2GM152Y80PT
	1,800	40X100	0.15	4.31	ELH2GM182YA0PT
420	82	22X25	0.15	0.56	ELH2TM820O25KT
	100	22X25	0.15	0.63	ELH2TM101O25KT
	120	22X30	0.15	0.73	ELH2TM121O30KT
	120	25X25	0.15	0.72	ELH2TM121P25KT
	150	22X35	0.15	0.86	ELH2TM151O35KT
	150	25X30	0.15	0.83	ELH2TM151P30KT
	150	30X25	0.15	0.83	ELH2TM151Q25KT
	180	22X35	0.15	0.95	ELH2TM181O35KT
	180	22X40	0.15	1.02	ELH2TM181O40KT
	180	25X30	0.15	0.95	ELH2TM181P30KT

LH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
420	180	30X25	0.15	0.95	ELH2TM181Q25KT
	220	25X35	0.15	1.13	ELH2TM221P35KT
	220	30X30	0.15	1.13	ELH2TM221Q30KT
	220	35X25	0.15	1.13	ELH2TM221R25KT
	270	25X40	0.15	1.31	ELH2TM271P40KT
	270	30X30	0.15	1.31	ELH2TM271Q30KT
	270	35X25	0.15	1.31	ELH2TM271R25KT
	330	30X35	0.15	1.42	ELH2TM331Q35KT
	330	35X30	0.15	1.42	ELH2TM331R30KT
	390	30X40	0.15	1.61	ELH2TM391Q40KT
	390	35X35	0.15	1.61	ELH2TM391R35KT
	470	35X40	0.15	1.80	ELH2TM471R40KT
	560	35X45	0.15	1.95	ELH2TM561R45KT
	560	35X50	0.15	2.02	ELH2TM561R50KT
	680	35X50	0.15	2.20	ELH2TM681R50KT
	820	35X60	0.15	2.45	ELH2TM821R60KT
	1,000	35X70	0.15	2.82	ELH2TM102R70KT
	1,000	40X60	0.15	2.80	ELH2TM102Y60PT
	1,200	40X70	0.15	3.20	ELH2TM122Y70PT
	1,500	40X85	0.15	3.56	ELH2TM152Y85PT
	1,800	40X100	0.15	4.31	ELH2TM182YA0PT
450	68	22X25	0.15	0.50	ELH2WM680O25KT
	82	22X25	0.15	0.56	ELH2WM820O25KT
	100	22X25	0.15	0.60	ELH2WM101O25KT
	100	22X30	0.15	0.67	ELH2WM101O30KT
	100	25X25	0.15	0.67	ELH2WM101P25KT
	120	22X30	0.15	0.72	ELH2WM121O30KT
	120	25X25	0.15	0.72	ELH2WM121P25KT
	120	25X30	0.15	0.77	ELH2WM121P30KT
	150	22X35	0.15	0.80	ELH2WM151O35KT
	150	22X40	0.15	0.82	ELH2WM151O40KT
	150	25X30	0.15	0.82	ELH2WM151P30KT
	150	30X25	0.15	0.85	ELH2WM151Q25KT
	180	22X40	0.15	0.93	ELH2WM181O40KT
	180	25X30	0.15	0.90	ELH2WM181P30KT
	180	25X35	0.15	0.93	ELH2WM181P35KT
	180	30X25	0.15	0.93	ELH2WM181Q25KT
	220	22X40	0.15	1.06	ELH2WM221O40KT
	220	22X45	0.15	1.12	ELH2WM221O45KT
	220	25X35	0.15	1.06	ELH2WM221P35KT
	220	25X40	0.15	1.12	ELH2WM221P40KT
	220	30X25	0.15	1.00	ELH2WM221Q25KT
	220	30X30	0.15	1.12	ELH2WM221Q30KT
	220	30X35	0.15	1.20	ELH2WM221Q35KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
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LH 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
450	220	35X30	0.15	1.20	ELH2WM221R30KT
	270	25X40	0.15	1.25	ELH2WM271P40KT
	270	25X45	0.15	1.31	ELH2WM271P45KT
	270	30X30	0.15	1.25	ELH2WM271Q30KT
	270	30X35	0.15	1.31	ELH2WM271Q35KT
	270	35X25	0.15	1.25	ELH2WM271R25KT
	270	35X35	0.15	1.31	ELH2WM271R35KT
	330	25X50	0.15	1.38	ELH2WM331P50KT
	330	30X35	0.15	1.38	ELH2WM331Q35KT
	330	30X40	0.15	1.42	ELH2WM331Q40KT
	330	35X30	0.15	1.38	ELH2WM331R30KT
	330	35X35	0.15	1.44	ELH2WM331R35KT
	390	25X50	0.15	1.50	ELH2WM391P50KT
	390	30X40	0.15	1.50	ELH2WM391Q40KT
	390	30X45	0.15	1.61	ELH2WM391Q45KT
	390	35X35	0.15	1.50	ELH2WM391R35KT
	390	35X40	0.15	1.61	ELH2WM391R40KT
	470	25X55	0.15	1.55	ELH2WM471P55KT
	470	30X45	0.15	1.68	ELH2WM471Q45KT
	470	30X50	0.15	1.72	ELH2WM471Q50KT
	470	35X40	0.15	1.72	ELH2WM471R40KT
	470	35X45	0.15	1.76	ELH2WM471R45KT
	470	35X50	0.15	1.80	ELH2WM471R50KT
	560	30X50	0.15	1.82	ELH2WM561Q50KT
	560	35X40	0.15	1.80	ELH2WM561R40KT
	560	35X45	0.15	1.86	ELH2WM561R45KT
	560	35X50	0.15	1.90	ELH2WM561R50KT
	680	35X50	0.15	2.05	ELH2WM681R50KT
	680	35X55	0.15	2.12	ELH2WM681R55KT
	820	30X60	0.15	2.38	ELH2WM821Q60KT
	820	35X55	0.15	2.38	ELH2WM821R55KT
	820	35X60	0.15	2.45	ELH2WM821R60KT
	820	35X65	0.15	2.55	ELH2WM821R65KT
	1,000	35X70	0.15	2.70	ELH2WM102R70KT
	1,000	35X80	0.15	2.85	ELH2WM102R80KT
	1,000	40X70	0.15	2.82	ELH2WM102Y70PT
	1,200	40X80	0.15	3.22	ELH2WM122Y80PT
	1,500	40X100	0.15	3.63	ELH2WM152YA0PT
	1,500	45X83	0.15	3.50	ELH2WM152I83PT
	1,800	45X100	0.15	3.80	ELH2WM182IA0PT
500	56	22X25	0.20	0.43	ELH2HM560O25KT
	68	22X30	0.20	0.52	ELH2HM680O30KT
	68	25X25	0.20	0.55	ELH2HM680P25KT
	82	22X30	0.20	0.60	ELH2HM820O30KT

LH 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
500	82	22X35	0.20	0.62	ELH2HM820O35KT
	82	25X25	0.20	0.57	ELH2HM820P25KT
	100	22X35	0.20	0.68	ELH2HM101O35KT
	100	25X30	0.20	0.72	ELH2HM101P30KT
	120	22X40	0.20	0.76	ELH2HM121O40KT
	120	25X30	0.20	0.76	ELH2HM121P30KT
	120	25X35	0.20	0.79	ELH2HM121P35KT
	120	30X25	0.20	0.79	ELH2HM121Q25KT
	150	25X40	0.20	0.98	ELH2HM151P40KT
	150	30X30	0.20	0.98	ELH2HM151Q30KT
	150	35X25	0.20	0.98	ELH2HM151R25KT
	180	25X45	0.20	1.20	ELH2HM181P45KT
	180	30X35	0.20	1.17	ELH2HM181Q35KT
	180	35X25	0.20	1.10	ELH2HM181R25KT
	220	30X35	0.20	1.28	ELH2HM221Q35KT
	220	30X40	0.20	1.33	ELH2HM221Q40KT
	220	35X30	0.20	1.23	ELH2HM221R30KT
	270	30X45	0.20	1.42	ELH2HM271Q45KT
	270	35X35	0.20	1.42	ELH2HM271R35KT
	330	35X40	0.20	1.56	ELH2HM331R40KT
	390	30X50	0.20	1.61	ELH2HM391Q50KT
	390	35X45	0.20	1.70	ELH2HM391R45KT
	470	35X55	0.20	1.80	ELH2HM471R55KT
550	82	22X35	0.20	0.74	ELH2JM820O35KT
	82	25X30	0.20	0.74	ELH2JM820P30KT
	100	22X45	0.20	0.84	ELH2JM101O45KT
	100	25X35	0.20	0.84	ELH2JM101P35KT
	100	30X25	0.20	0.84	ELH2JM101Q25KT
	120	22X50	0.20	0.96	ELH2JM121O50KT
	120	25X40	0.20	0.96	ELH2JM121P40KT
	120	30X30	0.20	0.92	ELH2JM121Q30KT
	120	35X25	0.20	0.90	ELH2JM121R25KT
	150	25X45	0.20	1.08	ELH2JM151P45KT
	150	30X35	0.20	1.06	ELH2JM151Q35KT
	180	25X50	0.20	1.22	ELH2JM181P50KT
	180	30X40	0.20	1.18	ELH2JM181Q40KT
	180	35X30	0.20	1.12	ELH2JM181R30KT
	220	30X45	0.20	1.35	ELH2JM221Q45KT
	220	35X35	0.20	1.26	ELH2JM221R35KT
	270	30X50	0.20	1.52	ELH2JM271Q50KT
	270	35X40	0.20	1.48	ELH2JM271R40KT
	330	35X50	0.20	1.61	ELH2JM331R50KT
	390	35X55	0.20	1.68	ELH2JM391R55KT
	470	35X60	0.20	1.84	ELH2JM471R60KT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LC 系列/series

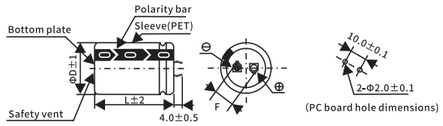
- 保证寿命:+105℃ 2,000小时
  Endurance: 2,000 hours at 105℃
- 符合RoHS
  RoHS Compliant
- 宽温，高纹波
  Wide temperature range, high ripple current

规格表 SPECIFICATIONS

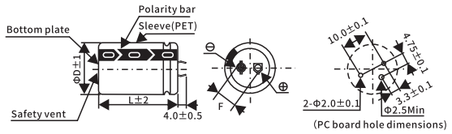
项目 Items	性能 Characteristics			
工作温度范围 Category Temperature Range	-40~+105℃			
额定电压范围 Rated Working Voltage Range	400~450V.DC			
静电容量允许偏差 Capacitance Tolerance	±20%(M)			(at 20°C,120Hz)
漏电流 Leakage Current	I≤3$\sqrt{CV}$ I：最大漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)			(20℃，5 分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	400	450	(at 20°C,120Hz)
	损耗角正切（最大） Dissipation Factor(Max.)	0.15	0.20	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	400~450		(at 120Hz)
	Z(-25°C)/Z(+20°C)	6		
	Z(-40°C)/Z(+20°C)	8		
耐久性 Endurance	在105°C环境中，连续加载直流电压与额定纹波电流2,000小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 2,000 hours at 105°C.			
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value		
高温贮存 Shelf Life	在105°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.			
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value		

尺寸图 DIMENSIONS [mm]

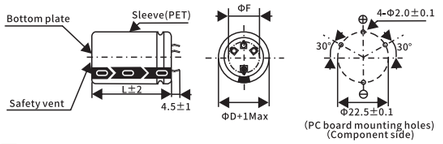
● 端子代码：K (Φ22 至 Φ35)：标准
Terminal Code : K (Φ22 to Φ35) : Standard



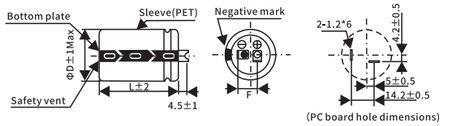
● 端子代码：T (Φ25 至 Φ35)：标准
Terminal Code : T (Φ25 to Φ35) : Standard



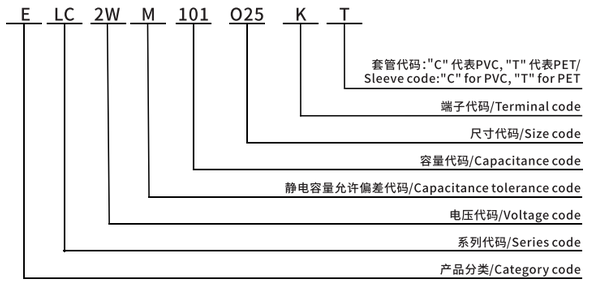
● 端子代码：P (Φ35 至 Φ45)：标准
Terminal Code : P (Φ35 to Φ45) : Standard



● 端子代码：L (Φ35)：标准
Terminal Code : L (Φ35) : Standard



产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
400~450	1.00	1.30	1.41	1.43

LC 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
400	100	22X25	0.15	0.98	ELC2GM101O25KT
	120	22X30	0.15	1.08	ELC2GM121O30KT
	150	25X25	0.15	1.22	ELC2GM151P25KT
	180	22X35	0.15	1.42	ELC2GM181O35KT
	180	25X30	0.15	1.50	ELC2GM181P30KT
	220	22X45	0.15	1.60	ELC2GM221O45KT
	220	25X35	0.15	1.60	ELC2GM221P35KT
	220	30X25	0.15	1.65	ELC2GM221Q25KT
	270	22X50	0.15	1.80	ELC2GM271O50KT
	270	25X40	0.15	1.80	ELC2GM271P40KT
	270	30X30	0.15	1.80	ELC2GM271Q30KT
	330	25X45	0.15	2.00	ELC2GM331P45KT
	330	30X35	0.15	2.00	ELC2GM331Q35KT
	330	35X30	0.15	2.14	ELC2GM331R30KT
	390	25X50	0.15	2.40	ELC2GM391P50KT
	390	30X40	0.15	2.55	ELC2GM391Q40KT
	470	30X45	0.15	2.80	ELC2GM471Q45KT
	470	35X35	0.15	2.90	ELC2GM471R35KT
	560	30X50	0.15	3.00	ELC2GM561Q50KT
	560	35X40	0.15	3.15	ELC2GM561R40KT
	680	35X45	0.15	3.45	ELC2GM681R45KT
	680	35X50	0.15	3.82	ELC2GM681R50KT
	820	35X55	0.15	3.90	ELC2GM821R55KT
	820	35X60	0.15	4.07	ELC2GM821R60KT
	1,000	35X60	0.15	4.50	ELC2GM102R60KT
	1,000	35X65	0.15	4.80	ELC2GM102R65KT
	1,200	40X60	0.15	5.00	ELC2GM122Y60PT
	1,200	40X65	0.15	5.25	ELC2GM122Y65PT
	1,500	40X80	0.15	5.60	ELC2GM152Y80PT
	1,500	45X60	0.15	5.60	ELC2GM152I60PT
	1,800	45X80	0.15	6.13	ELC2GM182I80PT
450	100	22X25	0.20	0.92	ELC2WM101O25KT
	120	22X30	0.20	1.02	ELC2WM121O30KT
	150	22X35	0.20	1.18	ELC2WM151O35KT
	150	25X30	0.20	1.20	ELC2WM151P30KT
	180	22X40	0.20	1.40	ELC2WM181O40KT
	180	25X30	0.20	1.46	ELC2WM181P30KT
	220	22X45	0.20	1.55	ELC2WM221O45KT
	220	25X35	0.20	1.55	ELC2WM221P35KT
	220	30X30	0.20	1.60	ELC2WM221Q30KT
	270	25X40	0.20	1.75	ELC2WM271P40KT
	270	30X30	0.20	1.80	ELC2WM271Q30KT
	270	35X25	0.20	1.82	ELC2WM271R25KT
	330	25X50	0.20	2.00	ELC2WM331P50KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
LC 系列/series
■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
450	330	30X40	0.20	2.10	ELC2WM331Q40KT
	390	30X45	0.20	2.30	ELC2WM391Q45KT
	390	35X35	0.20	2.40	ELC2WM391R35KT
	470	30X50	0.20	2.55	ELC2WM471Q50KT
	470	35X40	0.20	2.65	ELC2WM471R40KT
	560	35X45	0.20	3.00	ELC2WM561R45KT
	680	35X50	0.20	3.50	ELC2WM681R50KT
	820	35X60	0.20	3.80	ELC2WM821R60KT
	1,000	40X60	0.20	4.00	ELC2WM102Y60PT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LZ 系列/series

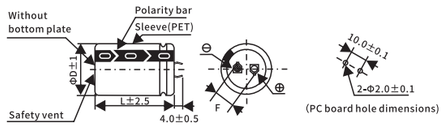
- 保证寿命:+105℃ 2,000小时
  Endurance: 2,000 hours at 105℃
- 符合RoHS
  RoHS Compliant
- 宽温，小型化
  Wide temperature range,miniaturization

规格表 SPECIFICATIONS

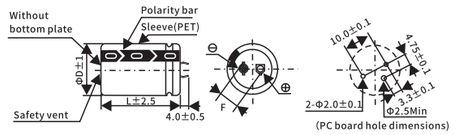
项目 Items	性能 Characteristics			
工作温度范围 Category Temperature Range	-40~+105℃			
额定电压范围 Rated Working Voltage Range	400~450V.DC			
静电容量允许偏差 Capacitance Tolerance	±20%(M)			(at 20℃,120Hz)
漏电流 Leakage Current	I≤3√CV I：最大漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)			(20℃，5 分钟) (at 20℃ after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	400	420~450	(at 20℃,120Hz)
	损耗角正切（最大） Dissipation Factor(Max.)	0.15	0.20	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	400~450		(at 120Hz)
	Z(-25℃)/Z(+20℃)	6		
	Z(-40℃)/Z(+20℃)	8		
耐久性 Endurance	在105℃环境中，连续加载直流电压与额定纹波电流2,000小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus the rated ripple current is applied for 2,000 hours at 105℃.			
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value		
高温贮存 Shelf Life	在105℃环境中，无负荷放置1,000 小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 105℃ without voltage applied.			
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value		

尺寸图 DIMENSIONS [mm]

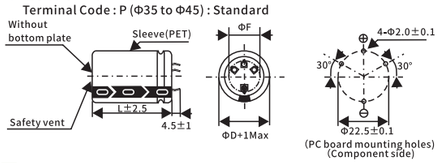
- 端子代码：K (Φ22 至 Φ35)：标准
  Terminal Code : K (Φ22 to Φ35) : Standard



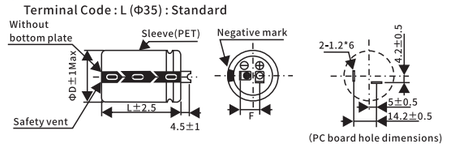
- 端子代码：T (Φ25 至 Φ35)：标准
  Terminal Code : T (Φ25 to Φ35) : Standard



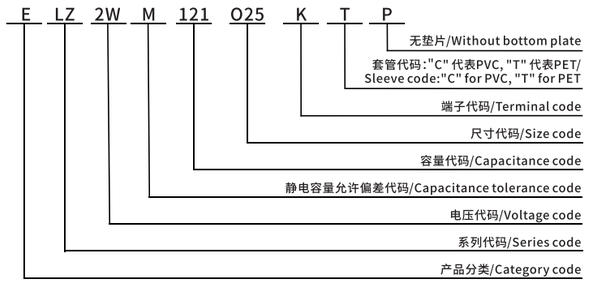
- 端子代码：P (Φ35 至 Φ45)：标准
  Terminal Code : P (Φ35 to Φ45) : Standard



- 端子代码：L (Φ35)：标准
  Terminal Code : L (Φ35) : Standard



产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
400~450	1.00	1.30	1.41	1.43

LZ 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
400	150	22X25	0.15	0.90	ELZ2GM151O25KTP
	180	22X30	0.15	1.02	ELZ2GM181O30KTP
	180	25X25	0.15	1.04	ELZ2GM181P25KTP
	220	22X35	0.15	1.20	ELZ2GM221O35KTP
	220	25X30	0.15	1.22	ELZ2GM221P30KTP
	270	22X40	0.15	1.32	ELZ2GM271O40KTP
	270	25X30	0.15	1.28	ELZ2GM271P30KTP
	270	30X25	0.15	1.32	ELZ2GM271Q25KTP
	330	22X45	0.15	1.46	ELZ2GM331O45KTP
	330	25X35	0.15	1.42	ELZ2GM331P35KTP
	390	22X55	0.15	1.65	ELZ2GM391O55KTP
	390	25X40	0.15	1.60	ELZ2GM391P40KTP
	390	30X30	0.15	1.60	ELZ2GM391Q30KTP
	470	25X50	0.15	1.90	ELZ2GM471P50KTP
	470	30X35	0.15	1.78	ELZ2GM471Q35KTP
	560	25X55	0.15	2.08	ELZ2GM561P55KTP
	560	30X40	0.15	2.00	ELZ2GM561Q40KTP
	680	30X50	0.15	2.28	ELZ2GM681Q50KTP
	820	30X55	0.15	2.50	ELZ2GM821Q55KTP
420	150	22X25	0.20	0.87	ELZ2TM151O25KTP
	180	22X30	0.20	1.00	ELZ2TM181O30KTP
	180	25X25	0.20	1.02	ELZ2TM181P25KTP
	220	22X35	0.20	1.13	ELZ2TM221O35KTP
	270	22X40	0.20	1.27	ELZ2TM271O40KTP
	270	25X30	0.20	1.28	ELZ2TM271P30KTP
	270	30X25	0.20	1.28	ELZ2TM271Q25KTP
	330	22X45	0.20	1.44	ELZ2TM331O45KTP
	330	25X35	0.20	1.48	ELZ2TM331P35KTP
	390	22X55	0.20	1.63	ELZ2TM391O55KTP
	390	25X40	0.20	1.64	ELZ2TM391P40KTP
	390	30X30	0.20	1.55	ELZ2TM391Q30KTP
	470	25X50	0.20	1.86	ELZ2TM471P50KTP
	470	30X35	0.20	1.74	ELZ2TM471Q35KTP
	560	25X55	0.20	2.09	ELZ2TM561P55KTP
	560	30X40	0.20	1.96	ELZ2TM561Q40KTP
	680	30X50	0.20	2.25	ELZ2TM681Q50KTP
	820	30X55	0.20	2.52	ELZ2TM821Q55KTP
450	120	22X25	0.20	0.78	ELZ2WM121O25KTP
	180	22X30	0.20	1.00	ELZ2WM181O30KTP
	180	25X25	0.20	1.02	ELZ2WM181P25KTP
	220	22X35	0.20	1.13	ELZ2WM221O35KTP
	220	25X30	0.20	1.16	ELZ2WM221P30KTP
	270	22X45	0.20	1.30	ELZ2WM271O45KTP
	270	25X35	0.20	1.34	ELZ2WM271P35KTP

LZ 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
450	330	22X50	0.20	1.47	ELZ2WM331O50KTP
	330	25X40	0.20	1.51	ELZ2WM331P40KTP
	330	30X30	0.20	1.43	ELZ2WM331Q30KTP
	390	25X45	0.20	1.67	ELZ2WM391P45KTP
	390	30X35	0.20	1.59	ELZ2WM391Q35KTP
	470	25X55	0.20	1.81	ELZ2WM471P55KTP
	470	30X40	0.20	1.70	ELZ2WM471Q40KTP
	560	25X60	0.20	1.88	ELZ2WM561P60KTP
	560	30X45	0.20	1.80	ELZ2WM561Q45KTP
	680	30X50	0.20	2.00	ELZ2WM681Q50KTP
	820	30X60	0.20	2.30	ELZ2WM821Q60KTP

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LS 系列/series

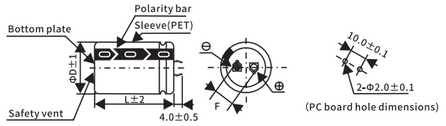
- 保证寿命:+85°C 3,000小时
  Endurance: 3,000 hours at 85°C
- 长寿命
  Long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

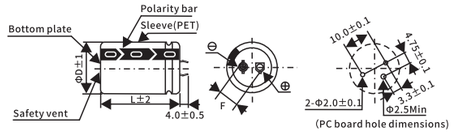
项目 Items	性能 Characteristics				
工作温度范围 Category Temperature Range	-25~+85°C				
额定电压范围 Rated Working Voltage Range	160~600V.DC				
静电容量允许偏差 Capacitance Tolerance	±20%(M)				(at 20°C,120Hz)
漏电流 Leakage Current	I≤3$\sqrt{CV}$ I:最大漏电流(μA), C:静电容量(μF), V:额定电压(V) Where, I: Max. leakage current (μA), C: Nominal capacitance (μF), V: Rated voltage (V)				(20°C,5分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	160~400	420~550	600	(at 20°C,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.15	0.20	0.30	
低温特性(最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	160~250	315~550	600	(at 120Hz)
	Z(-25°C)/Z(+20°C)	4	8	10	
耐久性 Endurance	在85°C环境中,连续加载直流电压与额定纹波电流3,000小时后,待温度恢复到20°C进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 3,000 hours at 85°C.				
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value			
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value			
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value			
高温贮存 Shelf Life	在85°C环境中,无负荷放置1,000小时后,待温度恢复到20°C进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 85°C without voltage applied.				
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value			
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value			
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value			

尺寸图 DIMENSIONS [mm]

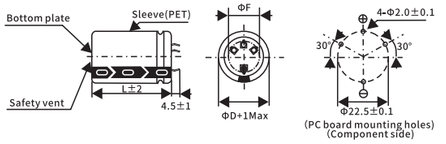
- 端子代码:K (Φ22 至 Φ35):标准
  Terminal Code: K (Φ22 to Φ35): Standard



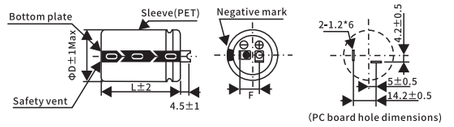
- 端子代码:T (Φ25 至 Φ35):标准
  Terminal Code: T (Φ25 to Φ35): Standard



- 端子代码:P (Φ35 至 Φ45):标准
  Terminal Code: P (Φ35 to Φ45): Standard



- 端子代码:L (Φ35):标准
  Terminal Code: L (Φ35): Standard



产品料号体系 PART NUMBERING SYSTEM

E LS 2D M 331 O25 K T

- T: 套管代码:"C" 代表PVC, "T" 代表PET/ Sleeve code:"C" for PVC, "T" for PET
- K: 端子代码/Terminal code
- O25: 尺寸代码/Size code
- 331: 容量代码/Capacitance code
- M: 静电容量允许偏差代码/Capacitance tolerance code
- 2D: 电压代码/Voltage code
- LS: 系列代码/Series code
- E: 产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
160~250	1.00	1.32	1.45	1.50
315~600	1.00	1.30	1.41	1.43

LS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
160	270	22X20	0.15	1.30	ELS2CM271O20KT
	330	22X25	0.15	1.55	ELS2CM331O25KT
	390	22X25	0.15	1.63	ELS2CM391O25KT
	390	25X20	0.15	1.62	ELS2CM391P20KT
	470	22X30	0.15	1.86	ELS2CM471O30KT
	470	25X25	0.15	1.86	ELS2CM471P25KT
	560	22X30	0.15	2.15	ELS2CM561O30KT
	560	25X25	0.15	2.15	ELS2CM561P25KT
	560	30X20	0.15	2.05	ELS2CM561Q20KT
	680	22X35	0.15	2.35	ELS2CM681O35KT
	680	25X30	0.15	2.33	ELS2CM681P30KT
	680	30X25	0.15	2.33	ELS2CM681Q25KT
	680	35X20	0.15	2.26	ELS2CM681R20KT
	820	22X40	0.15	2.68	ELS2CM821O40KT
	820	25X30	0.15	2.65	ELS2CM821P30KT
	820	30X25	0.15	2.64	ELS2CM821Q25KT
	1,000	22X45	0.15	3.02	ELS2CM102O45KT
	1,000	25X35	0.15	3.00	ELS2CM102P35KT
	1,000	30X30	0.15	3.96	ELS2CM102Q30KT
	1,000	35X25	0.15	3.13	ELS2CM102R25KT
	1,200	22X50	0.15	3.47	ELS2CM122O50KT
	1,200	25X40	0.15	3.43	ELS2CM122P40KT
	1,200	30X30	0.15	3.41	ELS2CM122Q30KT
	1,500	25X50	0.15	3.96	ELS2CM152P50KT
	1,500	30X35	0.15	3.96	ELS2CM152Q35KT
	1,500	35X30	0.15	3.94	ELS2CM152R30KT
	1,800	30X40	0.15	4.31	ELS2CM182Q40KT
	1,800	35X35	0.15	4.28	ELS2CM182R35KT
	2,200	30X50	0.15	4.96	ELS2CM222Q50KT
	2,200	35X40	0.15	4.96	ELS2CM222R40KT
	2,700	35X45	0.15	5.57	ELS2CM272R45KT
	3,300	35X55	0.15	6.21	ELS2CM332R55KT
180	220	22X20	0.15	1.18	ELS2LM221O20KT
	330	22X25	0.15	1.77	ELS2LM331O25KT
	330	25X20	0.15	1.49	ELS2LM331P20KT
	390	22X25	0.15	1.84	ELS2LM391O25KT
	470	22X30	0.15	1.91	ELS2LM471O30KT
	470	25X25	0.15	2.08	ELS2LM471P25KT
	470	30X20	0.15	1.88	ELS2LM471Q20KT
	560	22X35	0.15	2.25	ELS2LM561O35KT
	560	25X25	0.15	2.25	ELS2LM561P25KT
	680	22X35	0.15	2.48	ELS2LM681O35KT
	680	25X30	0.15	2.50	ELS2LM681P30KT
	680	30X25	0.15	2.46	ELS2LM681Q25KT

LS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
180	680	35X20	0.15	2.26	ELS2LM681R20KT
	820	22X40	0.15	2.86	ELS2LM821O40KT
	820	25X35	0.15	2.75	ELS2LM821P35KT
	820	30X25	0.15	2.69	ELS2LM821Q25KT
	1,000	22X50	0.15	3.10	ELS2LM102O50KT
	1,000	25X40	0.15	3.06	ELS2LM102P40KT
	1,000	30X30	0.15	3.10	ELS2LM102Q30KT
	1,000	35X25	0.15	2.98	ELS2LM102R25KT
	1,200	25X45	0.15	3.63	ELS2LM122P45KT
	1,200	30X35	0.15	3.55	ELS2LM122Q35KT
	1,200	35X30	0.15	3.49	ELS2LM122R30KT
	1,500	30X40	0.15	4.10	ELS2LM152Q40KT
	1,500	35X35	0.15	4.02	ELS2LM152R35KT
	1,800	30X45	0.15	4.55	ELS2LM182Q45KT
	1,800	35X35	0.15	4.54	ELS2LM182R35KT
	2,200	35X40	0.15	4.83	ELS2LM222R40KT
	2,700	35X50	0.15	5.30	ELS2LM272R50KT
200	220	22X20	0.15	1.18	ELS2DM221O20KT
	270	22X25	0.15	1.37	ELS2DM271O25KT
	270	25X20	0.15	1.35	ELS2DM271P20KT
	330	22X25	0.15	1.51	ELS2DM331O25KT
	330	25X20	0.15	1.49	ELS2DM331P20KT
	390	22X30	0.15	1.73	ELS2DM391O30KT
	390	25X25	0.15	1.71	ELS2DM391P25KT
	390	30X20	0.15	1.71	ELS2DM391Q20KT
	470	22X30	0.15	1.97	ELS2DM471O30KT
	470	25X25	0.15	1.95	ELS2DM471P25KT
	470	30X20	0.15	1.88	ELS2DM471Q20KT
	560	22X35	0.15	2.18	ELS2DM561O35KT
	560	25X30	0.15	2.15	ELS2DM561P30KT
	560	30X25	0.15	2.15	ELS2DM561Q25KT
	560	35X20	0.15	2.05	ELS2DM561R20KT
	680	22X40	0.15	2.48	ELS2DM681O40KT
	680	25X35	0.15	2.48	ELS2DM681P35KT
	680	30X25	0.15	2.34	ELS2DM681Q25KT
	820	22X45	0.15	2.81	ELS2DM821O45KT
	820	25X35	0.15	2.79	ELS2DM821P35KT
	820	30X30	0.15	2.80	ELS2DM821Q30KT
	820	35X25	0.15	2.83	ELS2DM821R25KT
	1,000	22X50	0.15	3.28	ELS2DM102O50KT
	1,000	25X45	0.15	3.28	ELS2DM102P45KT
	1,000	30X35	0.15	3.15	ELS2DM102Q35KT
	1,000	35X30	0.15	3.26	ELS2DM102R30KT
	1,200	25X50	0.15	3.61	ELS2DM122P50KT

LS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
200	1,200	30X35	0.15	3.61	ELS2DM122Q35KT
	1,200	35X30	0.15	3.57	ELS2DM122R30KT
	1,500	30X45	0.15	4.13	ELS2DM152Q45KT
	1,500	35X35	0.15	4.06	ELS2DM152R35KT
	1,800	30X50	0.15	4.60	ELS2DM182Q50KT
	1,800	35X40	0.15	4.59	ELS2DM182R40KT
	2,200	35X45	0.15	5.25	ELS2DM222R45KT
220	180	22X20	0.15	1.06	ELS2NM181O20KT
	270	22X25	0.15	1.47	ELS2NM271O25KT
	270	25X20	0.15	1.35	ELS2NM271P20KT
	330	22X30	0.15	1.70	ELS2NM331O30KT
	330	25X25	0.15	1.69	ELS2NM331P25KT
	330	30X20	0.15	1.58	ELS2NM331Q20KT
	390	22X30	0.15	1.89	ELS2NM391O30KT
	390	25X25	0.15	1.84	ELS2NM391P25KT
	390	30X20	0.15	1.71	ELS2NM391Q20KT
	470	22X35	0.15	2.08	ELS2NM471O35KT
	470	25X30	0.15	2.08	ELS2NM471P30KT
	470	30X25	0.15	2.12	ELS2NM471Q25KT
	470	35X20	0.15	1.88	ELS2NM471R20KT
	560	22X40	0.15	2.33	ELS2NM561O40KT
	560	25X35	0.15	2.38	ELS2NM561P35KT
	560	30X25	0.15	2.31	ELS2NM561Q25KT
	680	22X45	0.15	2.63	ELS2NM681O45KT
	680	25X35	0.15	2.68	ELS2NM681P35KT
	680	30X30	0.15	2.62	ELS2NM681Q30KT
	680	35X25	0.15	2.58	ELS2NM681R25KT
	820	25X45	0.15	3.01	ELS2NM821P45KT
	820	30X35	0.15	2.99	ELS2NM821Q35KT
	820	35X30	0.15	2.79	ELS2NM821R30KT
	1,000	25X50	0.15	3.40	ELS2NM102P50KT
	1,000	30X35	0.15	3.42	ELS2NM102Q35KT
	1,000	35X30	0.15	3.29	ELS2NM102R30KT
	1,200	30X40	0.15	3.88	ELS2NM122Q40KT
	1,200	35X35	0.15	3.68	ELS2NM122R35KT
	1,500	30X50	0.15	4.44	ELS2NM152Q50KT
	1,500	35X40	0.15	4.10	ELS2NM152R40KT
	1,800	35X45	0.15	4.52	ELS2NM182R45KT
250	150	22X20	0.15	0.97	ELS2EM151O20KT
	180	22X20	0.15	1.06	ELS2EM181O20KT
	220	22X25	0.15	1.24	ELS2EM221O25KT
	220	25X20	0.15	1.22	ELS2EM221P20KT
	270	22X25	0.15	1.50	ELS2EM271O25KT
	330	22X30	0.15	1.66	ELS2EM331O30KT

LS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
250	330	25X25	0.15	1.61	ELS2EM331P25KT
	330	30X20	0.15	1.58	ELS2EM331Q20KT
	390	22X35	0.15	1.88	ELS2EM391O35KT
	390	25X30	0.15	1.88	ELS2EM391P30KT
	390	30X25	0.15	1.86	ELS2EM391Q25KT
	390	35X20	0.15	1.71	ELS2EM391R20KT
	470	22X40	0.15	2.15	ELS2EM471O40KT
	470	25X35	0.15	2.15	ELS2EM471P35KT
	470	30X25	0.15	2.05	ELS2EM471Q25KT
	560	22X45	0.15	2.48	ELS2EM561O45KT
	560	25X35	0.15	2.35	ELS2EM561P35KT
	560	30X30	0.15	2.35	ELS2EM561Q30KT
	680	22X50	0.15	2.61	ELS2EM681O50KT
	680	25X40	0.15	2.67	ELS2EM681P40KT
	680	30X30	0.15	2.71	ELS2EM681Q30KT
	680	35X25	0.15	2.58	ELS2EM681R25KT
	820	25X45	0.15	3.01	ELS2EM821P45KT
	820	30X35	0.15	2.98	ELS2EM821Q35KT
	820	35X30	0.15	2.96	ELS2EM821R30KT
	1,000	30X40	0.15	3.56	ELS2EM102Q40KT
	1,000	35X35	0.15	3.48	ELS2EM102R35KT
	1,200	30X45	0.15	3.99	ELS2EM122Q45KT
	1,200	35X40	0.15	3.84	ELS2EM122R40KT
	1,500	35X45	0.15	4.33	ELS2EM152R45KT
	1,800	35X50	0.15	4.54	ELS2EM182R50KT
315	100	22X20	0.15	0.79	ELS2FM101O20KT
	120	25X20	0.15	0.90	ELS2FM121P20KT
	150	22X25	0.15	1.06	ELS2FM151O25KT
	150	25X20	0.15	1.00	ELS2FM151P20KT
	180	22X30	0.15	1.29	ELS2FM181O30KT
	180	25X25	0.15	1.38	ELS2FM181P25KT
	180	30X20	0.15	1.16	ELS2FM181Q20KT
	220	22X30	0.15	1.41	ELS2FM221O30KT
	220	25X25	0.15	1.47	ELS2FM221P25KT
	220	30X20	0.15	1.28	ELS2FM221Q20KT
	270	22X35	0.15	1.68	ELS2FM271O35KT
	270	25X30	0.15	1.70	ELS2FM271P30KT
	270	30X25	0.15	1.55	ELS2FM271Q25KT
	270	35X20	0.15	1.43	ELS2FM271R20KT
	330	22X40	0.15	1.91	ELS2FM331O40KT
	330	25X35	0.15	1.94	ELS2FM331P35KT
	330	30X25	0.15	1.98	ELS2FM331Q25KT
	390	22X45	0.15	2.07	ELS2FM391O45KT
	390	25X40	0.15	2.11	ELS2FM391P40KT

LS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
315	390	30X30	0.15	2.15	ELS2FM391Q30KT
	390	35X25	0.15	1.95	ELS2FM391R25KT
	470	25X45	0.15	2.31	ELS2FM471P45KT
	470	30X35	0.15	2.38	ELS2FM471Q35KT
	470	35X30	0.15	2.46	ELS2FM471R30KT
	560	25X50	0.15	2.46	ELS2FM561P50KT
	560	30X35	0.15	2.63	ELS2FM561Q35KT
	560	35X30	0.15	2.69	ELS2FM561R30KT
	680	30X45	0.15	2.82	ELS2FM681Q45KT
	680	35X35	0.15	3.05	ELS2FM681R35KT
	820	30X50	0.15	3.28	ELS2FM821Q50KT
	820	35X40	0.15	3.45	ELS2FM821R40KT
	1,000	35X45	0.15	3.59	ELS2FM102R45KT
350	82	22X20	0.15	0.72	ELS2VM820O20KT
	120	22X25	0.15	1.04	ELS2VM121O25KT
	120	25X20	0.15	0.90	ELS2VM121P20KT
	150	22X30	0.15	1.20	ELS2VM151O30KT
	150	25X25	0.15	1.22	ELS2VM151P25KT
	150	30X20	0.15	1.06	ELS2VM151Q20KT
	180	22X30	0.15	1.34	ELS2VM181O30KT
	180	25X25	0.15	1.37	ELS2VM181P25KT
	180	30X20	0.15	1.16	ELS2VM181Q20KT
	220	22X35	0.15	1.47	ELS2VM221O35KT
	220	25X30	0.15	1.53	ELS2VM221P30KT
	220	30X25	0.15	1.54	ELS2VM221Q25KT
	220	35X20	0.15	1.29	ELS2VM221R20KT
	270	22X40	0.15	1.70	ELS2VM271O40KT
	270	25X35	0.15	1.73	ELS2VM271P35KT
	270	30X25	0.15	1.80	ELS2VM271Q25KT
	330	22X45	0.15	1.87	ELS2VM331O45KT
	330	25X35	0.15	1.97	ELS2VM331P35KT
	330	30X30	0.15	2.03	ELS2VM331Q30KT
	330	35X25	0.15	1.80	ELS2VM331R25KT
	390	25X40	0.15	2.14	ELS2VM391P40KT
	390	30X35	0.15	2.23	ELS2VM391Q35KT
	390	35X30	0.15	2.30	ELS2VM391R30KT
	470	25X50	0.15	2.55	ELS2VM471P50KT
	470	30X35	0.15	2.53	ELS2VM471Q35KT
	470	35X30	0.15	2.55	ELS2VM471R30KT
	560	30X40	0.15	2.73	ELS2VM561Q40KT
	560	35X35	0.15	2.75	ELS2VM561R35KT
	680	30X50	0.15	3.15	ELS2VM681Q50KT
	680	35X40	0.15	3.15	ELS2VM681R40KT
	820	35X45	0.15	3.47	ELS2VM821R45KT

工业及变频家电系列
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■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
350	1,000	35X50	0.15	3.60	ELS2VM102R50KT
400	68	22X20	0.15	0.65	ELS2GM680O20KT
	82	22X25	0.15	0.84	ELS2GM820O25KT
	82	25X20	0.15	0.74	ELS2GM820P20KT
	100	22X25	0.15	0.99	ELS2GM101O25KT
	100	25X20	0.15	0.82	ELS2GM101P20KT
	120	22X30	0.15	1.09	ELS2GM121O30KT
	120	25X25	0.15	1.13	ELS2GM121P25KT
	120	30X20	0.15	0.95	ELS2GM121Q20KT
	150	22X35	0.15	1.24	ELS2GM151O35KT
	150	25X30	0.15	1.27	ELS2GM151P30KT
	150	30X25	0.15	1.20	ELS2GM151Q25KT
	180	22X40	0.15	1.41	ELS2GM181O40KT
	180	25X30	0.15	1.44	ELS2GM181P30KT
	180	30X25	0.15	1.52	ELS2GM181Q25KT
	180	35X20	0.15	1.16	ELS2GM181R20KT
	220	22X45	0.15	1.58	ELS2GM221O45KT
	220	25X35	0.15	1.64	ELS2GM221P35KT
	220	30X30	0.15	1.66	ELS2GM221Q30KT
	220	35X25	0.15	1.47	ELS2GM221R25KT
	270	22X50	0.15	1.65	ELS2GM271O50KT
	270	25X40	0.15	1.79	ELS2GM271P40KT
	270	30X30	0.15	1.82	ELS2GM271Q30KT
	270	35X25	0.15	1.63	ELS2GM271R25KT
	330	25X45	0.15	2.00	ELS2GM331P45KT
	330	30X35	0.15	2.05	ELS2GM331Q35KT
	330	35X30	0.15	2.05	ELS2GM331R30KT
	390	25X50	0.15	2.12	ELS2GM391P50KT
	390	30X40	0.15	2.26	ELS2GM391Q40KT
	390	35X35	0.15	2.28	ELS2GM391R35KT
	470	30X45	0.15	2.51	ELS2GM471Q45KT
	470	35X35	0.15	2.54	ELS2GM471R35KT
	560	30X50	0.15	2.85	ELS2GM561Q50KT
	560	35X40	0.15	2.85	ELS2GM561R40KT
	680	35X50	0.15	3.10	ELS2GM681R50KT
420	47	22X20	0.20	0.54	ELS2TM470O20KT
	56	22X20	0.20	0.59	ELS2TM560O20KT
	68	25X20	0.20	0.68	ELS2TM680P20KT
	82	22X25	0.20	0.85	ELS2TM820O25KT
	82	25X20	0.20	0.74	ELS2TM820P20KT
	100	22X30	0.20	0.97	ELS2TM101O30KT
	100	25X25	0.20	0.98	ELS2TM101P25KT
	100	30X20	0.20	0.87	ELS2TM101Q20KT
	120	22X30	0.20	1.07	ELS2TM121O30KT

LS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
420	120	25X25	0.20	1.08	ELS2TM121P25KT
	120	30X20	0.20	0.95	ELS2TM121Q20KT
	150	22X35	0.20	1.21	ELS2TM151O35KT
	150	25X30	0.20	1.26	ELS2TM151P30KT
	150	30X25	0.20	1.30	ELS2TM151Q25KT
	150	35X20	0.20	1.11	ELS2TM151R20KT
	180	22X40	0.20	1.33	ELS2TM181O40KT
	180	25X35	0.20	1.42	ELS2TM181P35KT
	180	30X25	0.20	1.48	ELS2TM181Q25KT
	180	35X20	0.20	1.16	ELS2TM181R20KT
	220	22X45	0.20	1.55	ELS2TM221O45KT
	220	25X35	0.20	1.58	ELS2TM221P35KT
	220	30X30	0.20	1.65	ELS2TM221Q30KT
	220	35X25	0.20	1.47	ELS2TM221R25KT
	270	25X40	0.20	1.74	ELS2TM271P40KT
	270	30X35	0.20	1.90	ELS2TM271Q35KT
	270	35X30	0.20	1.94	ELS2TM271R30KT
	330	25X50	0.20	2.20	ELS2TM331P50KT
	330	30X35	0.20	1.98	ELS2TM331Q35KT
	330	35X35	0.20	2.17	ELS2TM331R35KT
	390	30X40	0.20	2.22	ELS2TM391Q40KT
	390	35X35	0.20	2.27	ELS2TM391R35KT
	470	30X45	0.20	2.50	ELS2TM471Q45KT
	470	35X40	0.20	2.61	ELS2TM471R40KT
	560	35X45	0.20	2.95	ELS2TM561R45KT
	680	35X50	0.20	3.15	ELS2TM681R50KT
450	47	22X20	0.20	0.54	ELS2WM470O20KT
	56	22X20	0.20	0.59	ELS2WM560O20KT
	68	22X25	0.20	0.71	ELS2WM680O25KT
	68	25X20	0.20	0.68	ELS2WM680P20KT
	82	22X25	0.20	0.86	ELS2WM820O25KT
	82	25X20	0.20	0.74	ELS2WM820P20KT
	82	30X20	0.20	0.79	ELS2WM820Q20KT
	100	22X30	0.20	0.95	ELS2WM101O30KT
	100	25X25	0.20	0.97	ELS2WM101P25KT
	100	30X20	0.20	0.87	ELS2WM101Q20KT
	120	22X35	0.20	1.07	ELS2WM121O35KT
	120	25X30	0.20	1.09	ELS2WM121P30KT
	120	30X25	0.20	1.12	ELS2WM121Q25KT
	120	35X20	0.20	0.99	ELS2WM121R20KT
	150	22X40	0.20	1.18	ELS2WM151O40KT
	150	25X30	0.20	1.25	ELS2WM151P30KT
	150	30X25	0.20	1.29	ELS2WM151Q25KT
	150	35X20	0.20	1.06	ELS2WM151R20KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LS 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
450	180	22X45	0.20	1.32	ELS2WM181O45KT
	180	25X35	0.20	1.40	ELS2WM181P35KT
	180	30X30	0.20	1.45	ELS2WM181Q30KT
	180	35X25	0.20	1.33	ELS2WM181R25KT
	220	22X50	0.20	1.48	ELS2WM221O50KT
	220	25X40	0.20	1.59	ELS2WM221P40KT
	220	30X30	0.20	1.64	ELS2WM221Q30KT
	220	35X25	0.20	1.66	ELS2WM221R25KT
	270	25X45	0.20	1.73	ELS2WM271P45KT
	270	30X35	0.20	1.89	ELS2WM271Q35KT
	270	35X30	0.20	1.90	ELS2WM271R30KT
	330	25X50	0.20	2.12	ELS2WM331P50KT
	330	30X40	0.20	2.12	ELS2WM331Q40KT
	330	35X35	0.20	2.15	ELS2WM331R35KT
	390	30X45	0.20	2.35	ELS2WM391Q45KT
	390	35X40	0.20	2.38	ELS2WM391R40KT
	470	30X50	0.20	2.65	ELS2WM471Q50KT
	470	35X45	0.20	2.68	ELS2WM471R45KT
	560	35X50	0.20	2.88	ELS2WM561R50KT
500	47	22X20	0.20	0.59	ELS2HM470O20KT
	56	22X25	0.20	0.61	ELS2HM560O25KT
	56	25X20	0.20	0.62	ELS2HM560P20KT
	68	22X30	0.20	0.75	ELS2HM680O30KT
	68	25X25	0.20	0.78	ELS2HM680P25KT
	82	22X30	0.20	0.92	ELS2HM820O30KT
	82	25X25	0.20	0.95	ELS2HM820P25KT
	100	22X35	0.20	1.02	ELS2HM101O35KT
	100	25X30	0.20	1.06	ELS2HM101P30KT
	100	30X25	0.20	1.01	ELS2HM101Q25KT
	120	22X40	0.20	1.12	ELS2HM121O40KT
	120	25X35	0.20	1.23	ELS2HM121P35KT
	120	30X30	0.20	1.20	ELS2HM121Q30KT
	150	22X45	0.20	1.22	ELS2HM151O45KT
	150	25X40	0.20	1.26	ELS2HM151P40KT
	150	30X30	0.20	1.34	ELS2HM151Q30KT
	180	22X50	0.20	1.39	ELS2HM181O50KT
	180	25X45	0.20	1.45	ELS2HM181P45KT
	180	30X35	0.20	1.47	ELS2HM181Q35KT
	220	25X50	0.20	1.52	ELS2HM221P50KT
	220	30X40	0.20	1.60	ELS2HM221Q40KT
	270	30X45	0.20	1.98	ELS2HM271Q45KT
	270	35X35	0.20	2.02	ELS2HM271R35KT
	330	30X50	0.20	2.25	ELS2HM331Q50KT
	330	35X40	0.20	2.27	ELS2HM331R40KT

LS 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
500	390	35X45	0.20	2.45	ELS2HM391R45KT
	470	35X50	0.20	2.76	ELS2HM471R50KT
	560	35X60	0.20	2.90	ELS2HM561R60KT
550	47	22X25	0.20	0.59	ELS2JM470O25KT
	56	22X30	0.20	0.63	ELS2JM560O30KT
	68	22X30	0.20	0.76	ELS2JM680O30KT
	68	25X25	0.20	0.72	ELS2JM680P25KT
	82	22X35	0.20	0.91	ELS2JM820O35KT
	82	25X30	0.20	0.89	ELS2JM820P30KT
	82	30X25	0.20	0.88	ELS2JM820Q25KT
	100	22X40	0.20	0.97	ELS2JM101O40KT
	100	25X35	0.20	0.97	ELS2JM101P35KT
	100	30X25	0.20	0.92	ELS2JM101Q25KT
	120	22X45	0.20	1.07	ELS2JM121O45KT
	120	25X40	0.20	1.16	ELS2JM121P40KT
	120	30X30	0.20	1.12	ELS2JM121Q30KT
	150	25X45	0.20	1.25	ELS2JM151P45KT
	150	30X35	0.20	1.29	ELS2JM151Q35KT
	150	35X30	0.20	1.29	ELS2JM151R30KT
	180	25X50	0.20	1.40	ELS2JM181P50KT
	180	30X40	0.20	1.45	ELS2JM181Q40KT
	180	35X30	0.20	1.36	ELS2JM181R30KT
	220	30X45	0.20	1.61	ELS2JM221Q45KT
	220	35X35	0.20	1.60	ELS2JM221R35KT
	270	35X40	0.20	2.00	ELS2JM271R40KT
	330	35X45	0.20	2.26	ELS2JM331R45KT
	390	35X50	0.20	2.45	ELS2JM391R50KT
	470	35X60	0.20	2.80	ELS2JM471R60KT
600	47	22X30	0.30	0.59	ELS2KM470O30KT
	56	22X35	0.30	0.63	ELS2KM560O35KT
	56	25X30	0.30	0.62	ELS2KM560P30KT
	68	22X40	0.30	0.76	ELS2KM680O40KT
	68	25X35	0.30	0.76	ELS2KM680P35KT
	82	22X45	0.30	0.92	ELS2KM820O45KT
	82	25X40	0.30	0.90	ELS2KM820P40KT
	100	25X45	0.30	1.01	ELS2KM101P45KT
	100	30X35	0.30	1.01	ELS2KM101Q35KT
	120	25X50	0.30	1.16	ELS2KM121P50KT
	120	30X40	0.30	1.16	ELS2KM121Q40KT
	150	30X45	0.30	1.29	ELS2KM151Q45KT
	180	30X50	0.30	1.45	ELS2KM181Q50KT
	180	35X40	0.30	1.45	ELS2KM181R40KT
	220	35X45	0.30	1.61	ELS2KM221R45KT
	270	35X50	0.30	2.02	ELS2KM271R50KT

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Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LS 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
600	330	35X60	0.30	2.27	ELS2KM331R60KT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LM 系列/series

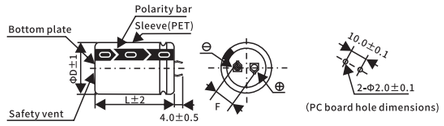
- 保证寿命:+105℃ 3,000小时
  Endurance: 3,000 hours at 105℃
- 长寿命
  Long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

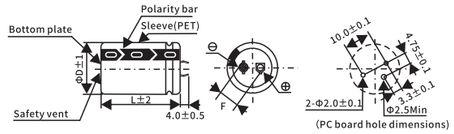
项目 Items	性能 Characteristics			
工作温度范围 Category Temperature Range	-25~+105℃			
额定电压范围 Rated Working Voltage Range	160~600V.DC			
静电容量允许偏差 Capacitance Tolerance	±20%(M)			(at 20℃,120Hz)
漏电流 Leakage Current	I≤3$\sqrt{CV}$ I:最大漏电流(μA),C:静电容量(μF),V:额定电压(V) Where, I: Max. leakage current (μA), C: Nominal capacitance (μF), V: Rated voltage (V)			(20℃,5分钟) (at 20℃ after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	160~400	420~600	(at 20℃,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.15	0.20	
低温特性(最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	160~250	315~600	(at 120Hz)
	Z(-25℃)/Z(+20℃)	4	8	
耐久性 Endurance	在105℃环境中,连续加载直流电压与额定纹波电流3,000小时后,待温度恢复到20℃进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus the rated ripple current is applied for 3,000 hours at 105℃.			
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的200%(600V:≤300%) ≤200% of the initial specified value(600V:≤300%)		
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value		
高温贮存 Shelf Life	在105℃环境中,无负荷放置1,000小时后,待温度恢复到20℃进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 105℃ without voltage applied.			
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value		

尺寸图 DIMENSIONS [mm]

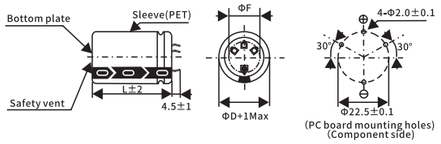
- 端子代码:K (Φ22 至 Φ35):标准
  Terminal Code: K (Φ22 to Φ35): Standard



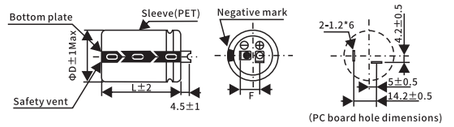
- 端子代码:T (Φ25 至 Φ35):标准
  Terminal Code: T (Φ25 to Φ35): Standard



- 端子代码:P (Φ35 至 Φ45):标准
  Terminal Code: P (Φ35 to Φ45): Standard



- 端子代码:L (Φ35):标准
  Terminal Code: L (Φ35): Standard



产品料号体系 PART NUMBERING SYSTEM

E LM 2E M 181 O25 K T

- T:套管代码:"C"代表PVC,"T"代表PET/Sleeve code:"C" for PVC, "T" for PET
- K:端子代码/Terminal code
- O25:尺寸代码/Size code
- 181:容量代码/Capacitance code
- M:静电容量允许偏差代码/Capacitance tolerance code
- 2E:电压代码/Voltage code
- LM:系列代码/Series code
- E:产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
160~250	1.00	1.32	1.45	1.50
315~600	1.00	1.30	1.41	1.43

LM 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
160	220	22X20	0.15	0.81	ELM2CM221O20KT
	270	25X20	0.15	0.98	ELM2CM271P20KT
	330	22X25	0.15	1.20	ELM2CM331O25KT
	330	25X20	0.15	1.02	ELM2CM331P20KT
	390	22X25	0.15	1.30	ELM2CM391O25KT
	390	25X25	0.15	1.26	ELM2CM391P25KT
	390	30X20	0.15	1.25	ELM2CM391Q20KT
	470	22X30	0.15	1.55	ELM2CM471O30KT
	470	25X25	0.15	1.55	ELM2CM471P25KT
	470	30X20	0.15	1.30	ELM2CM471Q20KT
	560	22X35	0.15	1.67	ELM2CM561O35KT
	560	25X30	0.15	1.67	ELM2CM561P30KT
	560	30X25	0.15	1.67	ELM2CM561Q25KT
	560	35X20	0.15	1.46	ELM2CM561R20KT
	680	22X40	0.15	1.82	ELM2CM681O40KT
	680	25X30	0.15	1.82	ELM2CM681P30KT
	680	30X25	0.15	1.82	ELM2CM681Q25KT
	680	35X20	0.15	1.51	ELM2CM681R20KT
	820	22X45	0.15	2.04	ELM2CM821O45KT
	820	25X35	0.15	2.04	ELM2CM821P35KT
	820	30X30	0.15	2.04	ELM2CM821Q30KT
	820	35X25	0.15	2.04	ELM2CM821R25KT
	1,000	22X50	0.15	2.25	ELM2CM102O50KT
	1,000	25X40	0.15	2.25	ELM2CM102P40KT
	1,000	30X30	0.15	2.25	ELM2CM102Q30KT
	1,000	35X25	0.15	2.25	ELM2CM102R25KT
	1,200	25X45	0.15	2.49	ELM2CM122P45KT
	1,200	30X35	0.15	2.49	ELM2CM122Q35KT
	1,200	30X40	0.15	2.54	ELM2CM122Q40KT
	1,200	35X30	0.15	2.49	ELM2CM122R30KT
	1,500	25X60	0.15	2.97	ELM2CM152P60KT
	1,500	30X40	0.15	2.84	ELM2CM152Q40KT
	1,800	30X45	0.15	3.32	ELM2CM182Q45KT
	1,800	35X35	0.15	3.00	ELM2CM182R35KT
	2,200	30X60	0.15	3.86	ELM2CM222Q60KT
	2,200	35X45	0.15	3.50	ELM2CM222R45KT
	2,700	35X50	0.15	4.00	ELM2CM272R50KT
	3,300	35X60	0.15	4.35	ELM2CM332R60KT
180	180	22X20	0.15	0.80	ELM2LM181O20KT
	220	25X20	0.15	0.90	ELM2LM221P20KT
	270	22X25	0.15	1.00	ELM2LM271O25KT
	270	25X20	0.15	0.95	ELM2LM271P20KT
	330	22X25	0.15	1.20	ELM2LM331O25KT
	330	25X25	0.15	1.16	ELM2LM331P25KT

基板自立型电容器
Snap-in &Lug
Terminal Type Capacitor

LM 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
180	330	30X20	0.15	1.15	ELM2LM331Q20KT
	390	22X30	0.15	1.35	ELM2LM391O30KT
	390	25X25	0.15	1.35	ELM2LM391P25KT
	390	30X20	0.15	1.20	ELM2LM391Q20KT
	470	22X35	0.15	1.50	ELM2LM471O35KT
	470	25X30	0.15	1.50	ELM2LM471P30KT
	470	30X25	0.15	1.50	ELM2LM471Q25KT
	470	35X20	0.15	1.36	ELM2LM471R20KT
	560	22X40	0.15	1.67	ELM2LM561O40KT
	560	25X30	0.15	1.67	ELM2LM561P30KT
	560	30X25	0.15	1.67	ELM2LM561Q25KT
	560	35X20	0.15	1.43	ELM2LM561R20KT
	680	22X45	0.15	1.78	ELM2LM681O45KT
	680	25X35	0.15	1.78	ELM2LM681P35KT
	680	30X30	0.15	1.78	ELM2LM681Q30KT
	680	35X25	0.15	1.83	ELM2LM681R25KT
	820	22X50	0.15	2.04	ELM2LM821O50KT
	820	25X40	0.15	2.04	ELM2LM821P40KT
	820	30X30	0.15	2.04	ELM2LM821Q30KT
	820	35X25	0.15	2.04	ELM2LM821R25KT
	1,000	25X45	0.15	2.30	ELM2LM102P45KT
	1,000	30X35	0.15	2.30	ELM2LM102Q35KT
	1,000	35X30	0.15	2.30	ELM2LM102R30KT
	1,200	25X50	0.15	2.55	ELM2LM122P50KT
	1,200	30X40	0.15	2.55	ELM2LM122Q40KT
	1,200	35X30	0.15	2.55	ELM2LM122R30KT
	1,500	30X45	0.15	2.90	ELM2LM152Q45KT
	1,500	35X35	0.15	2.85	ELM2LM152R35KT
	1,800	30X60	0.15	3.49	ELM2LM182Q60KT
	1,800	35X40	0.15	3.10	ELM2LM182R40KT
	2,200	35X50	0.15	3.65	ELM2LM222R50KT
	2,700	35X60	0.15	4.12	ELM2LM272R60KT
200	150	22X20	0.15	0.73	ELM2DM151O20KT
	180	22X20	0.15	0.80	ELM2DM181O20KT
	220	25X20	0.15	0.85	ELM2DM221P20KT
	270	22X25	0.15	1.10	ELM2DM271O25KT
	270	30X20	0.15	1.05	ELM2DM271Q20KT
	330	22X30	0.15	1.25	ELM2DM331O30KT
	330	25X25	0.15	1.25	ELM2DM331P25KT
	330	30X20	0.15	1.10	ELM2DM331Q20KT
	390	22X30	0.15	1.35	ELM2DM391O30KT
	390	25X25	0.15	1.35	ELM2DM391P25KT
	390	30X25	0.15	1.30	ELM2DM391Q25KT
	390	35X20	0.15	1.30	ELM2DM391R20KT

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■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
200	470	22X35	0.15	1.50	ELM2DM471O35KT
	470	22X40	0.15	1.54	ELM2DM471O40KT
	470	25X30	0.15	1.50	ELM2DM471P30KT
	470	30X25	0.15	1.50	ELM2DM471Q25KT
	470	35X20	0.15	1.41	ELM2DM471R20KT
	560	22X40	0.15	1.67	ELM2DM561O40KT
	560	25X30	0.15	1.67	ELM2DM561P30KT
	560	30X25	0.15	1.67	ELM2DM561Q25KT
	680	22X45	0.15	1.78	ELM2DM681O45KT
	680	25X35	0.15	1.78	ELM2DM681P35KT
	680	30X30	0.15	1.78	ELM2DM681Q30KT
	680	35X25	0.15	1.78	ELM2DM681R25KT
	820	25X45	0.15	2.04	ELM2DM821P45KT
	820	30X30	0.15	2.04	ELM2DM821Q30KT
	820	30X35	0.15	2.08	ELM2DM821Q35KT
	820	25X40	0.15	2.04	ELM2DM821P40KT
	1,000	25X50	0.15	2.30	ELM2DM102P50KT
	1,000	30X35	0.15	2.30	ELM2DM102Q35KT
	1,000	35X30	0.15	2.30	ELM2DM102R30KT
	1,200	25X60	0.15	2.66	ELM2DM122P60KT
	1,200	30X45	0.15	2.65	ELM2DM122Q45KT
	1,200	35X35	0.15	2.65	ELM2DM122R35KT
	1,500	30X50	0.15	3.08	ELM2DM152Q50KT
	1,500	35X40	0.15	3.08	ELM2DM152R40KT
	1,800	30X60	0.15	3.49	ELM2DM182Q60KT
	1,800	35X45	0.15	3.48	ELM2DM182R45KT
	2,200	35X55	0.15	3.62	ELM2DM222R55KT
	3,300	40X60	0.15	4.00	ELM2DM332Y60PT
220	150	22X20	0.15	0.67	ELM2NM151O20KT
	180	25X20	0.15	0.76	ELM2NM181P20KT
	220	22X25	0.15	1.00	ELM2NM221O25KT
	220	25X20	0.15	0.84	ELM2NM221P20KT
	270	22X30	0.15	1.15	ELM2NM271O30KT
	270	25X25	0.15	1.08	ELM2NM271P25KT
	270	30X20	0.15	0.98	ELM2NM271Q20KT
	330	22X35	0.15	1.25	ELM2NM331O35KT
	330	25X25	0.15	1.25	ELM2NM331P25KT
	330	35X20	0.15	1.13	ELM2NM331R20KT
	390	22X35	0.15	1.40	ELM2NM391O35KT
	390	25X30	0.15	1.40	ELM2NM391P30KT
	390	30X25	0.15	1.36	ELM2NM391Q25KT
	390	35X20	0.15	1.23	ELM2NM391R20KT
	470	22X40	0.15	1.51	ELM2NM471O40KT
	470	25X35	0.15	1.54	ELM2NM471P35KT

LM 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
220	470	30X25	0.15	1.50	ELM2NM471Q25KT
	560	22X45	0.15	1.70	ELM2NM561O45KT
	560	25X40	0.15	1.72	ELM2NM561P40KT
	560	30X30	0.15	1.70	ELM2NM561Q30KT
	560	35X25	0.15	1.71	ELM2NM561R25KT
	680	25X45	0.15	1.94	ELM2NM681P45KT
	680	30X35	0.15	1.93	ELM2NM681Q35KT
	680	35X25	0.15	1.89	ELM2NM681R25KT
	820	25X50	0.15	2.18	ELM2NM821P50KT
	820	30X40	0.15	2.19	ELM2NM821Q40KT
	820	35X30	0.15	2.16	ELM2NM821R30KT
	1,000	25X60	0.15	2.54	ELM2NM102P60KT
	1,000	30X45	0.15	2.50	ELM2NM102Q45KT
	1,000	35X35	0.15	2.44	ELM2NM102R35KT
	1,200	30X50	0.15	2.81	ELM2NM122Q50KT
	1,200	35X40	0.15	2.79	ELM2NM122R40KT
	1,500	30X60	0.15	3.30	ELM2NM152Q60KT
	1,500	35X45	0.15	3.22	ELM2NM152R45KT
	1,800	35X50	0.15	3.63	ELM2NM182R50KT
	2,200	35X60	0.15	4.23	ELM2NM222R60KT
250	120	22X20	0.15	0.60	ELM2EM121O20KT
	150	25X20	0.15	0.74	ELM2EM151P20KT
	180	22X25	0.15	0.78	ELM2EM181O25KT
	180	25X20	0.15	0.75	ELM2EM181P20KT
	220	22X25	0.15	1.00	ELM2EM221O25KT
	220	25X25	0.15	0.95	ELM2EM221P25KT
	220	30X20	0.15	0.95	ELM2EM221Q20KT
	270	22X30	0.15	1.18	ELM2EM271O30KT
	270	25X25	0.15	1.18	ELM2EM271P25KT
	270	30X20	0.15	1.00	ELM2EM271Q20KT
	330	22X35	0.15	1.30	ELM2EM331O35KT
	330	25X30	0.15	1.30	ELM2EM331P30KT
	330	30X25	0.15	1.30	ELM2EM331Q25KT
	330	35X20	0.15	1.16	ELM2EM331R20KT
	390	22X40	0.15	1.49	ELM2EM391O40KT
	390	25X35	0.15	1.49	ELM2EM391P35KT
	390	30X25	0.15	1.49	ELM2EM391Q25KT
	470	22X45	0.15	1.65	ELM2EM471O45KT
	470	25X35	0.15	1.65	ELM2EM471P35KT
	470	30X25	0.15	1.60	ELM2EM471Q25KT
	470	30X30	0.15	1.65	ELM2EM471Q30KT
	470	35X25	0.15	1.65	ELM2EM471R25KT
	560	22X50	0.15	1.67	ELM2EM561O50KT
	560	25X40	0.15	1.80	ELM2EM561P40KT

LM 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
250	560	30X30	0.15	1.80	ELM2EM561Q30KT
	560	35X25	0.15	1.80	ELM2EM561R25KT
	680	25X40	0.15	1.90	ELM2EM681P40KT
	680	25X50	0.15	2.00	ELM2EM681P50KT
	680	30X35	0.15	2.00	ELM2EM681Q35KT
	680	35X30	0.15	2.00	ELM2EM681R30KT
	820	25X60	0.15	2.20	ELM2EM821P60KT
	820	30X35	0.15	2.25	ELM2EM821Q35KT
	820	30X40	0.15	2.30	ELM2EM821Q40KT
	820	35X35	0.15	2.30	ELM2EM821R35KT
	1,000	30X40	0.15	2.00	ELM2EM102Q40KT
	1,000	30X50	0.15	2.47	ELM2EM102Q50KT
	1,000	35X40	0.15	2.47	ELM2EM102R40KT
	1,200	30X50	0.15	2.60	ELM2EM122Q50KT
	1,200	30X60	0.15	2.85	ELM2EM122Q60KT
	1,200	35X45	0.15	2.60	ELM2EM122R45KT
	1,500	35X50	0.15	3.00	ELM2EM152R50KT
	1,500	40X45	0.15	3.00	ELM2EM152Y45PT
	1,800	35X60	0.15	3.42	ELM2EM182R60KT
	2,200	45X50	0.15	3.68	ELM2EM222I50PT
315	68	22X20	0.15	0.45	ELM2FM680O20KT
	82	22X20	0.15	0.47	ELM2FM820O20KT
	100	22X25	0.15	0.61	ELM2FM101O25KT
	100	25X20	0.15	0.56	ELM2FM101P20KT
	120	22X25	0.15	0.75	ELM2FM121O25KT
	120	25X20	0.15	0.62	ELM2FM121P20KT
	120	30X20	0.15	0.65	ELM2FM121Q20KT
	150	22X30	0.15	0.82	ELM2FM151O30KT
	150	25X25	0.15	0.82	ELM2FM151P25KT
	150	30X20	0.15	0.70	ELM2FM151Q20KT
	150	35X20	0.15	0.76	ELM2FM151R20KT
	180	22X35	0.15	0.92	ELM2FM181O35KT
	180	25X25	0.15	0.92	ELM2FM181P25KT
	180	30X25	0.15	0.90	ELM2FM181Q25KT
	180	35X20	0.15	0.85	ELM2FM181R20KT
	220	22X40	0.15	1.04	ELM2FM221O40KT
	220	25X25	0.15	0.98	ELM2FM221P25KT
	220	25X30	0.15	1.04	ELM2FM221P30KT
	220	30X25	0.15	1.04	ELM2FM221Q25KT
	220	35X20	0.15	0.90	ELM2FM221R20KT
	270	22X45	0.15	1.16	ELM2FM271O45KT
	270	25X35	0.15	1.16	ELM2FM271P35KT
	270	30X25	0.15	1.16	ELM2FM271Q25KT
	270	35X25	0.15	1.15	ELM2FM271R25KT

LM 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
315	330	22X50	0.15	1.33	ELM2FM331O50KT
	330	25X40	0.15	1.33	ELM2FM331P40KT
	330	30X30	0.15	1.33	ELM2FM331Q30KT
	330	35X25	0.15	1.33	ELM2FM331R25KT
	390	25X45	0.15	1.47	ELM2FM391P45KT
	390	30X30	0.15	1.40	ELM2FM391Q30KT
	390	30X35	0.15	1.47	ELM2FM391Q35KT
	390	35X30	0.15	1.47	ELM2FM391R30KT
	470	25X50	0.15	1.70	ELM2FM471P50KT
	470	30X40	0.15	1.70	ELM2FM471Q40KT
	470	35X30	0.15	1.70	ELM2FM471R30KT
	560	30X45	0.15	2.05	ELM2FM561Q45KT
	560	35X35	0.15	2.05	ELM2FM561R35KT
	680	30X50	0.15	2.17	ELM2FM681Q50KT
	680	35X40	0.15	2.17	ELM2FM681R40KT
	820	35X45	0.15	2.20	ELM2FM821R45KT
	1,000	35X60	0.15	2.55	ELM2FM102R60KT
350	56	22X20	0.15	0.41	ELM2VM560O20KT
	68	25X20	0.15	0.46	ELM2VM680P20KT
	82	22X25	0.15	0.55	ELM2VM820O25KT
	82	25X20	0.15	0.51	ELM2VM820P20KT
	100	22X30	0.15	0.69	ELM2VM101O30KT
	100	30X20	0.15	0.60	ELM2VM101Q20KT
	120	22X30	0.15	0.75	ELM2VM121O30KT
	120	25X25	0.15	0.75	ELM2VM121P25KT
	120	30X20	0.15	0.65	ELM2VM121Q20KT
	150	22X35	0.15	0.82	ELM2VM151O35KT
	150	25X30	0.15	0.83	ELM2VM151P30KT
	150	30X25	0.15	0.82	ELM2VM151Q25KT
	150	35X20	0.15	0.76	ELM2VM151R20KT
	180	22X40	0.15	0.92	ELM2VM181O40KT
	180	25X30	0.15	0.92	ELM2VM181P30KT
	180	30X25	0.15	0.90	ELM2VM181Q25KT
	220	22X45	0.15	1.05	ELM2VM221O45KT
	220	25X35	0.15	1.04	ELM2VM221P35KT
	220	30X30	0.15	1.02	ELM2VM221Q30KT
	220	35X25	0.15	1.04	ELM2VM221R25KT
	270	22X50	0.15	1.16	ELM2VM271O50KT
	270	25X40	0.15	1.18	ELM2VM271P40KT
	270	30X30	0.15	1.17	ELM2VM271Q30KT
	270	35X25	0.15	1.20	ELM2VM271R25KT
	330	25X45	0.15	1.29	ELM2VM331P45KT
	330	30X35	0.15	1.34	ELM2VM331Q35KT
	330	35X30	0.15	1.22	ELM2VM331R30KT

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■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
350	390	25X50	0.15	1.51	ELM2VM391P50KT
	390	30X40	0.15	1.51	ELM2VM391Q40KT
	390	35X35	0.15	1.47	ELM2VM391R35KT
	470	25X60	0.15	1.66	ELM2VM471P60KT
	470	30X45	0.15	1.65	ELM2VM471Q45KT
	470	35X35	0.15	1.69	ELM2VM471R35KT
	560	30X50	0.15	1.85	ELM2VM561Q50KT
	560	35X40	0.15	1.90	ELM2VM561R40KT
	680	30X60	0.15	2.15	ELM2VM681Q60KT
	680	35X50	0.15	1.99	ELM2VM681R50KT
	820	35X60	0.15	2.31	ELM2VM821R60KT
400	47	22X20	0.15	0.37	ELM2GM470O20KT
	56	25X20	0.15	0.42	ELM2GM560P20KT
	68	22X25	0.15	0.50	ELM2GM680O25KT
	68	25X20	0.15	0.46	ELM2GM680P20KT
	82	22X25	0.15	0.64	ELM2GM820O25KT
	82	30X20	0.15	0.55	ELM2GM820Q20KT
	100	22X30	0.15	0.70	ELM2GM101O30KT
	100	25X25	0.15	0.70	ELM2GM101P25KT
	100	30X20	0.15	0.60	ELM2GM101Q20KT
	120	22X30	0.15	0.72	ELM2GM121O30KT
	120	22X35	0.15	0.75	ELM2GM121O35KT
	120	25X25	0.15	0.75	ELM2GM121P25KT
	120	30X25	0.15	0.73	ELM2GM121Q25KT
	120	35X20	0.15	0.75	ELM2GM121R20KT
	150	22X40	0.15	0.88	ELM2GM151O40KT
	150	25X30	0.15	0.88	ELM2GM151P30KT
	150	30X25	0.15	0.88	ELM2GM151Q25KT
	150	35X20	0.15	0.80	ELM2GM151R20KT
	180	22X45	0.15	0.98	ELM2GM181O45KT
	180	25X35	0.15	0.98	ELM2GM181P35KT
	180	30X30	0.15	0.98	ELM2GM181Q30KT
	180	35X25	0.15	0.98	ELM2GM181R25KT
	220	22X50	0.15	1.10	ELM2GM221O50KT
	220	25X35	0.15	1.08	ELM2GM221P35KT
	220	25X40	0.15	1.10	ELM2GM221P40KT
	220	30X30	0.15	1.10	ELM2GM221Q30KT
	220	35X25	0.15	1.10	ELM2GM221R25KT
	270	25X40	0.15	1.18	ELM2GM271P40KT
	270	25X45	0.15	1.22	ELM2GM271P45KT
	270	30X30	0.15	1.18	ELM2GM271Q30KT
	270	30X35	0.15	1.22	ELM2GM271Q35KT
	270	35X30	0.15	1.22	ELM2GM271R30KT
	330	25X50	0.15	1.44	ELM2GM331P50KT

LM 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
400	330	30X35	0.15	1.40	ELM2GM331Q35KT
	330	30X40	0.15	1.44	ELM2GM331Q40KT
	330	35X30	0.15	1.44	ELM2GM331R30KT
	390	25X60	0.15	1.51	ELM2GM391P60KT
	390	30X45	0.15	1.60	ELM2GM391Q45KT
	390	35X35	0.15	1.60	ELM2GM391R35KT
	470	25X50	0.15	1.80	ELM2GM471P50KT
	470	30X50	0.15	1.90	ELM2GM471Q50KT
	470	35X35	0.15	1.80	ELM2GM471R35KT
	470	35X40	0.15	1.90	ELM2GM471R40KT
	470	35X45	0.15	2.00	ELM2GM471R45KT
	560	30X50	0.15	2.05	ELM2GM561Q50KT
	560	30X60	0.15	2.10	ELM2GM561Q60KT
	560	35X45	0.15	2.12	ELM2GM561R45KT
	680	35X45	0.15	2.20	ELM2GM681R45KT
	680	35X50	0.15	2.27	ELM2GM681R50KT
	820	35X60	0.15	2.42	ELM2GM821R60KT
	1,000	35X65	0.15	2.60	ELM2GM102R65KT
	1,200	35X65	0.15	2.70	ELM2GM122R65KT
	1,200	40X80	0.15	2.80	ELM2GM122Y80PT
	1,500	40X80	0.15	3.00	ELM2GM152Y80PT
	2,200	45X100	0.15	3.50	ELM2GM222IA0PT
420	47	22X20	0.20	0.37	ELM2TM470O20KT
	56	25X20	0.20	0.42	ELM2TM560P20KT
	68	22X25	0.20	0.50	ELM2TM680O25KT
	68	25X20	0.20	0.46	ELM2TM680P20KT
	82	22X25	0.20	0.64	ELM2TM820O25KT
	82	25X20	0.20	0.56	ELM2TM820P20KT
	82	25X25	0.20	0.58	ELM2TM820P25KT
	82	30X20	0.20	0.53	ELM2TM820Q20KT
	100	22X30	0.20	0.70	ELM2TM101O30KT
	100	25X25	0.20	0.70	ELM2TM101P25KT
	100	30X20	0.20	0.59	ELM2TM101Q20KT
	120	22X35	0.20	0.75	ELM2TM121O35KT
	120	25X30	0.20	0.75	ELM2TM121P30KT
	120	30X25	0.20	0.73	ELM2TM121Q25KT
	120	35X20	0.20	0.67	ELM2TM121R20KT
	150	22X40	0.20	0.88	ELM2TM151O40KT
	150	25X35	0.20	0.88	ELM2TM151P35KT
	150	30X25	0.20	0.88	ELM2TM151Q25KT
	180	22X45	0.20	0.95	ELM2TM181O45KT
	180	25X35	0.20	0.95	ELM2TM181P35KT
	180	30X30	0.20	0.95	ELM2TM181Q30KT
	180	35X25	0.20	0.94	ELM2TM181R25KT

LM 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
420	220	22X50	0.20	1.10	ELM2TM221O50KT
	220	25X45	0.20	1.10	ELM2TM221P45KT
	220	30X35	0.20	1.10	ELM2TM221Q35KT
	220	35X25	0.20	1.10	ELM2TM221R25KT
	270	25X50	0.20	1.22	ELM2TM271P50KT
	270	30X40	0.20	1.22	ELM2TM271Q40KT
	270	35X30	0.20	1.22	ELM2TM271R30KT
	330	25X60	0.20	1.41	ELM2TM331P60KT
	330	30X45	0.20	1.45	ELM2TM331Q45KT
	330	35X35	0.20	1.45	ELM2TM331R35KT
	390	30X50	0.20	1.55	ELM2TM391Q50KT
	390	35X40	0.20	1.55	ELM2TM391R40KT
	470	30X60	0.20	1.79	ELM2TM471Q60KT
	470	35X45	0.20	1.90	ELM2TM471R45KT
	560	35X50	0.20	2.15	ELM2TM561R50KT
	680	35X60	0.20	2.27	ELM2TM681R60KT
450	56	22X25	0.20	0.40	ELM2WM560O25KT
	68	22X30	0.20	0.53	ELM2WM680O30KT
	68	25X25	0.20	0.50	ELM2WM680P25KT
	82	22X30	0.20	0.64	ELM2WM820O30KT
	82	25X25	0.20	0.64	ELM2WM820P25KT
	100	22X30	0.20	0.69	ELM2WM101O30KT
	100	25X25	0.20	0.69	ELM2WM101P25KT
	120	22X35	0.20	0.80	ELM2WM121O35KT
	120	25X30	0.20	0.80	ELM2WM121P30KT
	120	30X25	0.20	0.80	ELM2WM121Q25KT
	150	22X40	0.20	0.88	ELM2WM151O40KT
	150	25X30	0.20	0.88	ELM2WM151P30KT
	150	30X25	0.20	0.88	ELM2WM151Q25KT
	180	22X45	0.20	1.00	ELM2WM181O45KT
	180	25X35	0.20	1.00	ELM2WM181P35KT
	180	30X25	0.20	0.92	ELM2WM181Q25KT
	180	30X30	0.20	1.00	ELM2WM181Q30KT
	220	22X45	0.20	1.10	ELM2WM221O45KT
	220	25X35	0.20	1.10	ELM2WM221P35KT
	220	25X40	0.20	1.12	ELM2WM221P40KT
	220	25X45	0.20	1.18	ELM2WM221P45KT
	220	30X25	0.20	1.00	ELM2WM221Q25KT
	220	30X30	0.20	1.08	ELM2WM221Q30KT
	220	30X35	0.20	1.12	ELM2WM221Q35KT
	220	35X25	0.20	1.12	ELM2WM221R25KT
	270	25X50	0.20	1.18	ELM2WM271P50KT
	270	30X30	0.20	1.10	ELM2WM271Q30KT
	270	30X35	0.20	1.26	ELM2WM271Q35KT

LM 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
450	270	30X40	0.20	1.28	ELM2WM271Q40KT
	270	35X30	0.20	1.20	ELM2WM271R30KT
	270	35X35	0.20	1.28	ELM2WM271R35KT
	330	25X45	0.20	1.24	ELM2WM331P45KT
	330	25X50	0.20	1.31	ELM2WM331P50KT
	330	30X45	0.20	1.40	ELM2WM331Q45KT
	330	35X35	0.20	1.38	ELM2WM331R35KT
	390	25X60	0.20	1.48	ELM2WM391P60KT
	390	30X50	0.20	1.51	ELM2WM391Q50KT
	390	35X40	0.20	1.55	ELM2WM391R40KT
	470	30X45	0.20	1.60	ELM2WM471Q45KT
	470	35X40	0.20	1.70	ELM2WM471R40KT
	470	35X50	0.20	1.85	ELM2WM471R50KT
	560	30X50	0.20	1.72	ELM2WM561Q50KT
	560	30X55	0.20	1.84	ELM2WM561Q55KT
	560	35X45	0.20	1.84	ELM2WM561R45KT
	560	35X50	0.20	1.91	ELM2WM561R50KT
	680	30X65	0.20	2.00	ELM2WM681Q65KT
	680	35X55	0.20	2.10	ELM2WM681R55KT
	820	35X65	0.20	2.30	ELM2WM821R65KT
	1,000	35X70	0.20	2.50	ELM2WM102R70PT
	1,500	45X83	0.20	2.80	ELM2WM152I83PT
500	47	22X25	0.20	0.51	ELM2HM470O25KT
	56	22X30	0.20	0.58	ELM2HM560O30KT
	68	25X25	0.20	0.65	ELM2HM680P25KT
	82	22X35	0.20	0.72	ELM2HM820O35KT
	82	25X30	0.20	0.74	ELM2HM820P30KT
	100	22X45	0.20	0.83	ELM2HM101O45KT
	100	30X25	0.20	0.82	ELM2HM101Q25KT
	120	22X50	0.20	0.93	ELM2HM121O50KT
	120	25X35	0.20	0.93	ELM2HM121P35KT
	120	25X40	0.20	0.95	ELM2HM121P40KT
	120	30X30	0.20	0.91	ELM2HM121Q30KT
	150	22X50	0.20	1.08	ELM2HM151O50KT
	150	25X45	0.20	1.08	ELM2HM151P45KT
	150	30X35	0.20	1.04	ELM2HM151Q35KT
	150	35X25	0.20	0.99	ELM2HM151R25KT
	180	25X50	0.20	1.20	ELM2HM181P50KT
	180	30X40	0.20	1.17	ELM2HM181Q40KT
	180	35X30	0.20	1.10	ELM2HM181R30KT
	220	30X45	0.20	1.33	ELM2HM221Q45KT
	220	35X35	0.20	1.23	ELM2HM221R35KT
	270	30X50	0.20	1.38	ELM2HM271Q50KT
	270	35X40	0.20	1.40	ELM2HM271R40KT

LM 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
500	330	35X40	0.20	1.52	ELM2HM331R40KT
	330	35X45	0.20	1.55	ELM2HM331R45KT
	390	35X50	0.20	1.68	ELM2HM391R50KT
	470	35X60	0.20	1.76	ELM2HM471R60KT
550	82	22X35	0.20	0.72	ELM2JM820O35KT
	82	25X30	0.20	0.74	ELM2JM820P30KT
	100	22X45	0.20	0.83	ELM2JM101O45KT
	100	25X35	0.20	0.85	ELM2JM101P35KT
	100	30X25	0.20	0.82	ELM2JM101Q25KT
	120	22X50	0.20	0.93	ELM2JM121O50KT
	120	25X40	0.20	0.95	ELM2JM121P40KT
	120	30X30	0.20	0.91	ELM2JM121Q30KT
	120	35X25	0.20	0.88	ELM2JM121R25KT
	150	25X45	0.20	1.08	ELM2JM151P45KT
	150	30X35	0.20	1.04	ELM2JM151Q35KT
	180	25X50	0.20	1.20	ELM2JM181P50KT
	180	30X40	0.20	1.17	ELM2JM181Q40KT
	180	35X30	0.20	1.10	ELM2JM181R30KT
	220	30X45	0.20	1.33	ELM2JM221Q45KT
	220	35X35	0.20	1.23	ELM2JM221R35KT
	270	30X50	0.20	1.50	ELM2JM271Q50KT
	270	35X40	0.20	1.42	ELM2JM271R40KT
	330	35X50	0.20	1.60	ELM2JM331R50KT
	390	35X55	0.20	1.64	ELM2JM391R55KT
	470	35X60	0.20	1.80	ELM2JM471R60KT
600	100	30X30	0.20	0.76	ELM2KM101Q30KT
	100	35X25	0.20	0.76	ELM2KM101R25KT
	120	30X35	0.20	0.88	ELM2KM121Q35KT
	150	30X40	0.20	0.97	ELM2KM151Q40KT
	150	35X30	0.20	0.97	ELM2KM151R30KT
	180	30X45	0.20	1.04	ELM2KM181Q45KT
	180	30X50	0.20	1.06	ELM2KM181Q50KT
	180	35X35	0.20	1.04	ELM2KM181R35KT
	220	30X60	0.20	1.14	ELM2KM221Q60KT
	220	35X40	0.20	1.10	ELM2KM221R40KT
	220	35X45	0.20	1.14	ELM2KM221R45KT
	270	35X50	0.20	1.32	ELM2KM271R50KT
	330	35X55	0.20	1.42	ELM2KM331R55KT
	390	35X60	0.20	1.50	ELM2KM391R60KT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LD 系列/series

New

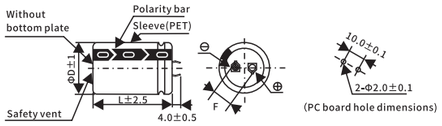
- 保证寿命:+105℃ 3,000小时
  Endurance: 3,000 hours at 105℃
- 小体积，长寿命
  Downsized,long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

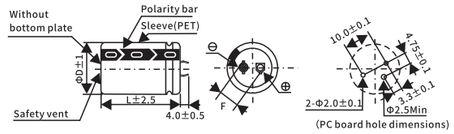
项目 Items	性能 Characteristics			
工作温度范围 Category Temperature Range	-25~+105℃			
额定电压范围 Rated Working Voltage Range	450~500V.DC			
静电容量允许偏差 Capacitance Tolerance	±20%(M)			(at 20°C,120Hz)
漏电流 Leakage Current	I≤3.√CV I：最大漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)			(20℃, 5 分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	450~500		(at 20°C,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.20		
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	450~500		(at 120Hz)
	Z(-25℃)/Z(+20℃)	8		
耐久性 Endurance	在105℃环境中，连续加载直流电压与额定纹波电流3,000小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 3,000 hours at 105°C.			
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value		
高温贮存 Shelf Life	在105℃环境中，无负荷放置1,000 小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.			
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value		

尺寸图 DIMENSIONS [mm]

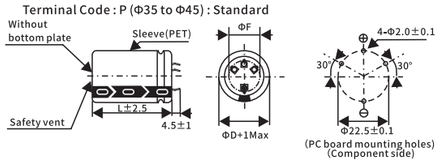
- 端子代码：K (Φ22 至 Φ35)：标准
  Terminal Code : K (Φ22 to Φ35) : Standard



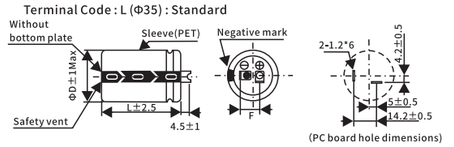
- 端子代码：T (Φ25 至 Φ35)：标准
  Terminal Code : T (Φ25 to Φ35) : Standard



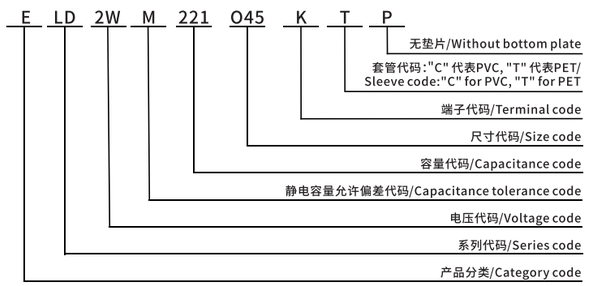
- 端子代码：P (Φ35 至 Φ45)：标准
  Terminal Code : P (Φ35 to Φ45) : Standard



- 端子代码：L (Φ35)：标准
  Terminal Code : L (Φ35) : Standard



产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
450~500	1.00	1.30	1.41	1.43

LD 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
450	100	22X25	0.20	0.71	ELD2WM101O25KTP
	150	22X30	0.20	0.91	ELD2WM151O30KTP
	180	22X35	0.20	1.02	ELD2WM181O35KTP
	180	22X40	0.20	1.04	ELD2WM181O40KTP
	180	25X25	0.20	1.02	ELD2WM181P25KTP
	220	22X45	0.20	1.17	ELD2WM221O45KTP
	220	25X30	0.20	1.16	ELD2WM221P30KTP
	270	22X50	0.20	1.33	ELD2WM271O50KTP
	270	25X35	0.20	1.28	ELD2WM271P35KTP
	270	30X25	0.20	1.30	ELD2WM271Q25KTP
	270	35X25	0.20	1.36	ELD2WM271R25KTP
	330	22X60	0.20	1.54	ELD2WM331O60KTP
	330	25X40	0.20	1.51	ELD2WM331P40KTP
	330	30X30	0.20	1.52	ELD2WM331Q30KTP
	390	25X45	0.20	1.52	ELD2WM391P45KTP
	390	30X35	0.20	1.59	ELD2WM391Q35KTP
	390	35X30	0.20	1.67	ELD2WM391R30KTP
	470	25X50	0.20	1.69	ELD2WM471P50KTP
	470	30X40	0.20	1.73	ELD2WM471Q40KTP
	470	35X35	0.20	1.86	ELD2WM471R35KTP
	560	25X60	0.20	1.95	ELD2WM561P60KTP
	560	30X45	0.20	2.01	ELD2WM561Q45KTP
	560	35X40	0.20	2.09	ELD2WM561R40KTP
	680	30X50	0.20	2.22	ELD2WM681Q50KTP
	680	35X45	0.20	2.16	ELD2WM681R45KTP
	680	35X50	0.20	2.25	ELD2WM681R50KTP
	820	30X60	0.20	2.47	ELD2WM821Q60KTP
	820	35X55	0.20	2.56	ELD2WM821R55KTP
	1,000	35X60	0.20	2.78	ELD2WM102R60KTP
475	82	22X25	0.20	0.67	ELD3DM820O25KTP
	100	22X30	0.20	0.78	ELD3DM101O30KTP
	100	25X25	0.20	0.79	ELD3DM101P25KTP
	120	22X35	0.20	0.87	ELD3DM121O35KTP
	120	25X30	0.20	0.89	ELD3DM121P30KTP
	150	22X40	0.20	0.99	ELD3DM151O40KTP
	150	22X45	0.20	1.01	ELD3DM151O45KTP
	150	30X25	0.20	1.01	ELD3DM151Q25KTP
	180	22X50	0.20	1.11	ELD3DM181O50KTP
	180	25X35	0.20	1.08	ELD3DM181P35KTP
	180	25X40	0.20	1.13	ELD3DM181P40KTP
	180	30X30	0.20	1.14	ELD3DM181Q30KTP
	180	35X25	0.20	1.16	ELD3DM181R25KTP
	220	22X60	0.20	1.28	ELD3DM221O60KTP
	220	25X45	0.20	1.26	ELD3DM221P45KTP

LD 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
475	220	30X35	0.20	1.31	ELD3DM221Q35KTP
	270	25X50	0.20	1.35	ELD3DM271P50KTP
	270	30X40	0.20	1.44	ELD3DM271Q40KTP
	270	35X30	0.20	1.47	ELD3DM271R30KTP
	330	25X60	0.20	1.51	ELD3DM331P60KTP
	330	30X45	0.20	1.63	ELD3DM331Q45KTP
	330	35X35	0.20	1.67	ELD3DM331R35KTP
	390	30X50	0.20	1.70	ELD3DM391Q50KTP
	390	35X40	0.20	1.80	ELD3DM391R40KTP
	470	30X60	0.20	1.91	ELD3DM471Q60KTP
	470	35X45	0.20	2.05	ELD3DM471R45KTP
	560	35X50	0.20	2.13	ELD3DM561R50KTP
	680	35X60	0.20	2.44	ELD3DM681R60KTP
500	68	22X25	0.20	0.61	ELD2HM680O25KTP
	82	22X30	0.20	0.70	ELD2HM820O30KTP
	82	25X25	0.20	0.72	ELD2HM820P25KTP
	100	22X35	0.20	0.79	ELD2HM101O35KTP
	120	22X40	0.20	0.89	ELD2HM121O40KTP
	120	25X30	0.20	0.89	ELD2HM121P30KTP
	120	30X25	0.20	0.90	ELD2HM121Q25KTP
	150	22X45	0.20	1.01	ELD2HM151O45KTP
	150	25X35	0.20	1.04	ELD2HM151P35KTP
	180	22X50	0.20	1.08	ELD2HM181O50KTP
	180	25X40	0.20	1.11	ELD2HM181P40KTP
	180	25X45	0.20	1.16	ELD2HM181P45KTP
	180	30X30	0.20	1.13	ELD2HM181Q30KTP
	180	35X25	0.20	1.18	ELD2HM181R25KTP
	220	22X60	0.20	1.26	ELD2HM221O60KTP
	220	25X50	0.20	1.30	ELD2HM221P50KTP
	220	30X35	0.20	1.31	ELD2HM221Q35KTP
	220	35X30	0.20	1.33	ELD2HM221R30KTP
	270	25X60	0.20	1.44	ELD2HM271P60KTP
	270	30X40	0.20	1.42	ELD2HM271Q40KTP
	270	30X45	0.20	1.47	ELD2HM271Q45KTP
	270	35X35	0.20	1.51	ELD2HM271R35KTP
	330	30X50	0.20	1.57	ELD2HM331Q50KTP
	330	35X40	0.20	1.66	ELD2HM331R40KTP
	390	30X60	0.20	1.74	ELD2HM391Q60KTP
	390	35X45	0.20	1.87	ELD2HM391R45KTP
	470	35X50	0.20	1.95	ELD2HM471R50KTP
	560	35X60	0.20	2.22	ELD2HM561R60KTP

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LP 系列/series

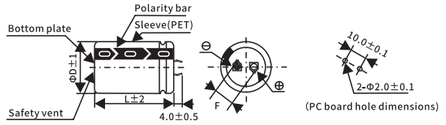
- 保证寿命:+105°C 3,000小时
  Endurance: 3,000 hours at 105°C
- 符合RoHS
  RoHS Compliant
- 高纹波,长寿命
  High ripple current,long life

规格表 SPECIFICATIONS

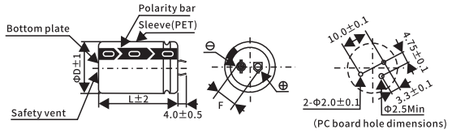
项目 Items	性能 Characteristics			
工作温度范围 Category Temperature Range	-40~+105°C			
额定电压范围 Rated Working Voltage Range	400~450V.DC			
静电容量允许偏差 Capacitance Tolerance	±20%(M)			(at 20°C,120Hz)
漏电流 Leakage Current	I≤3√CV I:最大漏电流(μA), C:静电容量(μF), V:额定电压(V) Where, I: Max. leakage current (μA), C: Nominal capacitance (μF), V: Rated voltage (V)			(20°C,5分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	400	420~450	(at 20°C,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.15	0.20	
低温特性(最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	400~450		(at 120Hz)
	Z(-25°C)/Z(+20°C)	6		
	Z(-40°C)/Z(+20°C)	8		
耐久性 Endurance	在105°C环境中,连续加载直流电压与额定纹波电流3,000小时后,待温度恢复到20°C进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 3,000 hours at 105°C.			
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value		
高温贮存 Shelf Life	在105°C环境中,无负荷放置1,000小时后,待温度恢复到20°C进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.			
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value		

尺寸图 DIMENSIONS [mm]

● 端子代码:K (Φ22 至 Φ35):标准
Terminal Code: K (Φ22 to Φ35): Standard



● 端子代码:T (Φ25 至 Φ35):标准
Terminal Code: T (Φ25 to Φ35): Standard



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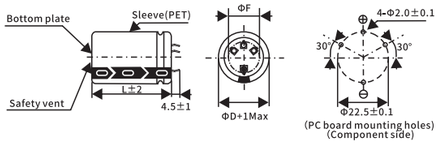
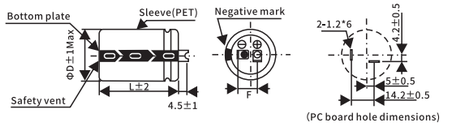
Terminal Code: P (Φ35 to Φ45): Standard



● 端子代码:L (Φ35):标准
Terminal Code: L (Φ35): Standard



产品料号体系 PART NUMBERING SYSTEM

E LP 2W M 101 O30 K T

- T: 套管代码:"C" 代表PVC, "T" 代表PET/ Sleeve code:"C" for PVC, "T" for PET
- K: 端子代码/Terminal code
- O30: 尺寸代码/Size code
- 101: 容量代码/Capacitance code
- M: 静电容量允许偏差代码/Capacitance tolerance code
- 2W: 电压代码/Voltage code
- LP: 系列代码/Series code
- E: 产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
400~450	1.00	1.30	1.41	1.43

LP 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
400	100	22X25	0.15	0.85	ELP2GM101O25KT
	120	22X30	0.15	1.01	ELP2GM121O30KT
	120	25X25	0.15	1.04	ELP2GM121P25KT
	150	22X35	0.15	1.15	ELP2GM151O35KT
	180	22X40	0.15	1.27	ELP2GM181O40KT
	180	25X30	0.15	1.22	ELP2GM181P30KT
	180	30X25	0.15	1.35	ELP2GM181Q25KT
	220	22X45	0.15	1.40	ELP2GM221O45KT
	220	25X35	0.15	1.40	ELP2GM221P35KT
	220	30X30	0.15	1.56	ELP2GM221Q30KT
	270	22X50	0.15	1.55	ELP2GM271O50KT
	270	25X40	0.15	1.55	ELP2GM271P40KT
	270	30X35	0.15	1.78	ELP2GM271Q35KT
	270	35X25	0.15	1.78	ELP2GM271R25KT
	330	25X50	0.15	1.83	ELP2GM331P50KT
	330	30X40	0.15	2.00	ELP2GM331Q40KT
	330	35X30	0.15	1.95	ELP2GM331R30KT
	390	25X50	0.15	2.20	ELP2GM391P50KT
	390	30X45	0.15	2.20	ELP2GM391Q45KT
	390	35X35	0.15	2.20	ELP2GM391R35KT
	470	30X50	0.15	2.38	ELP2GM471Q50KT
	470	35X40	0.15	2.49	ELP2GM471R40KT
	560	35X45	0.15	2.74	ELP2GM561R45KT
	680	35X50	0.15	2.95	ELP2GM681R50KT
420	100	22X25	0.20	0.89	ELP2TM101O25KT
	120	22X30	0.20	1.06	ELP2TM121O30KT
	120	25X25	0.20	1.09	ELP2TM121P25KT
	150	22X35	0.20	1.21	ELP2TM151O35KT
	180	22X40	0.20	1.34	ELP2TM181O40KT
	180	25X30	0.20	1.28	ELP2TM181P30KT
	180	30X25	0.20	1.42	ELP2TM181Q25KT
	220	22X45	0.20	1.47	ELP2TM221O45KT
	220	22X50	0.20	1.60	ELP2TM221O50KT
	220	25X35	0.20	1.47	ELP2TM221P35KT
	220	30X30	0.20	1.64	ELP2TM221Q30KT
	220	35X25	0.20	1.64	ELP2TM221R25KT
	270	25X40	0.20	1.63	ELP2TM271P40KT
	270	25X45	0.20	1.79	ELP2TM271P45KT
	270	30X35	0.20	1.87	ELP2TM271Q35KT
	330	25X50	0.20	1.93	ELP2TM331P50KT
	330	30X40	0.20	2.10	ELP2TM331Q40KT
	330	35X30	0.20	2.05	ELP2TM331R30KT
	390	30X45	0.20	2.32	ELP2TM391Q45KT
	390	35X35	0.20	2.32	ELP2TM391R35KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LP 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
420	470	30X50	0.20	2.51	ELP2TM471Q50KT
	470	35X40	0.20	2.62	ELP2TM471R40KT
	560	35X45	0.20	2.88	ELP2TM561R45KT
	680	35X50	0.20	3.10	ELP2TM681R50KT
	820	35X60	0.20	3.50	ELP2TM821R60KT
450	82	22X25	0.20	0.81	ELP2WM820O25KT
	100	22X30	0.20	0.97	ELP2WM101O30KT
	100	25X25	0.20	1.04	ELP2WM101P25KT
	120	22X35	0.20	1.08	ELP2WM121O35KT
	150	22X40	0.20	1.22	ELP2WM151O40KT
	150	25X35	0.20	1.31	ELP2WM151P35KT
	150	30X25	0.20	1.31	ELP2WM151Q25KT
	180	22X45	0.20	1.35	ELP2WM181O45KT
	180	22X50	0.20	1.42	ELP2WM181O50KT
	180	25X40	0.20	1.35	ELP2WM181P40KT
	180	30X30	0.20	1.49	ELP2WM181Q30KT
	180	35X25	0.20	1.60	ELP2WM181R25KT
	220	25X45	0.20	1.55	ELP2WM221P45KT
	220	30X35	0.20	1.71	ELP2WM221Q35KT
	270	25X50	0.20	1.74	ELP2WM271P50KT
	270	30X40	0.20	1.90	ELP2WM271Q40KT
	270	35X30	0.20	1.90	ELP2WM271R30KT
	330	30X40	0.20	2.05	ELP2WM331Q40KT
	330	30X45	0.20	2.20	ELP2WM331Q45KT
	330	35X35	0.20	2.20	ELP2WM331R35KT
	390	30X50	0.20	2.40	ELP2WM391Q50KT
	390	35X40	0.20	2.42	ELP2WM391R40KT
	470	35X45	0.20	2.67	ELP2WM471R45KT
	560	35X50	0.20	2.85	ELP2WM561R50KT
	680	35X60	0.20	3.15	ELP2WM681R60KT
	820	35X70	0.20	3.48	ELP2WM821R70KT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LO 系列/series

New

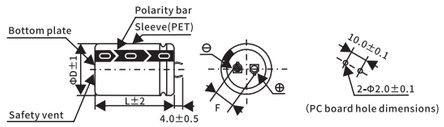
- 保证寿命:+105℃ 3,000小时
  Endurance: 3,000 hours at 105℃
- 符合RoHS
  RoHS Compliant
- 更高纹波,长寿命
  Higher ripple current, long life

规格表 SPECIFICATIONS

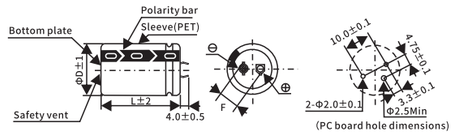
项目 Items	性能 Characteristics		
工作温度范围 Category Temperature Range	-40~+105℃		
额定电压范围 Rated Working Voltage Range	400~450V.DC		
静电容量允许偏差 Capacitance Tolerance	±20%(M)		(at 20℃,120Hz)
漏电流 Leakage Current	I≤3√CV I:最大漏电流(μA),C:静电容量(μF),V:额定电压(V) Where, I: Max. leakage current (μA), C: Nominal capacitance (μF), V: Rated voltage (V)		(20℃,5分钟) (at 20℃ after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	400~450	(at 20℃,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.20	
低温特性(最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	400~450	(at 120Hz)
	Z(-25℃)/Z(+20℃)	6	
	Z(-40℃)/Z(+20℃)	8	
耐久性 Endurance	在105℃环境中,连续加载直流电压与额定纹波电流3,000小时后,待温度恢复到20℃进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus the rated ripple current is applied for 3,000 hours at 105℃.		
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value	
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value	
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value	
高温贮存 Shelf Life	在105℃环境中,无负荷放置1,000小时后,待温度恢复到20℃进行测量时,应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 105℃ without voltage applied.		
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value	
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value	
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value	

尺寸图 DIMENSIONS [mm]

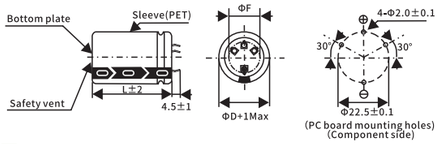
- 端子代码:K (Φ22 至 Φ35):标准
  Terminal Code: K (Φ22 to Φ35): Standard



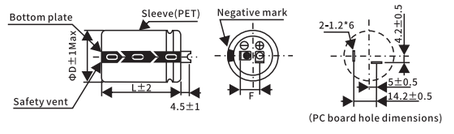
- 端子代码:T (Φ25 至 Φ35):标准
  Terminal Code: T (Φ25 to Φ35): Standard



- 端子代码:P (Φ35 至 Φ45):标准
  Terminal Code: P (Φ35 to Φ45): Standard



- 端子代码:L (Φ35):标准
  Terminal Code: L (Φ35): Standard



产品料号体系 PART NUMBERING SYSTEM

E LO 2G M 681 R50 K T

- T:套管代码:"C"代表PVC,"T"代表PET/Sleeve code:"C" for PVC, "T" for PET
- K:端子代码/Terminal code
- R50:尺寸代码/Size code
- 681:容量代码/Capacitance code
- M:静电容量允许偏差代码/Capacitance tolerance code
- 2G:电压代码/Voltage code
- LO:系列代码/Series code
- E:产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
400~450	1.00	1.38	1.48	1.46

LO 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
400	280	30X35	0.20	2.32	ELO2GM281Q35KT
	360	30X40	0.20	2.71	ELO2GM361Q40KT
	410	30X45	0.20	2.96	ELO2GM411Q45KT
	410	35X35	0.20	2.96	ELO2GM411R35KT
	480	30X50	0.20	3.27	ELO2GM481Q50KT
	510	35X40	0.20	3.43	ELO2GM511R40KT
	520	30X55	0.20	3.44	ELO2GM521Q55KT
	570	30X60	0.20	3.67	ELO2GM571Q60KT
	580	35X45	0.20	3.75	ELO2GM581R45KT
	680	35X50	0.20	4.38	ELO2GM681R50KT
	740	35X55	0.20	4.38	ELO2GM741R55KT
	820	35X60	0.20	4.69	ELO2GM821R60KT
420	250	30X35	0.20	2.12	ELO2TM251Q35KT
	310	30X40	0.20	2.43	ELO2TM311Q40KT
	350	35X35	0.20	2.57	ELO2TM351R35KT
	360	30X45	0.20	2.68	ELO2TM361Q45KT
	420	30X50	0.20	2.96	ELO2TM421Q50KT
	440	30X55	0.20	3.06	ELO2TM441Q55KT
	440	35X40	0.20	2.99	ELO2TM441R40KT
	490	30X60	0.20	3.28	ELO2TM491Q60KT
	500	35X45	0.20	3.27	ELO2TM501R45KT
	590	35X50	0.20	3.64	ELO2TM591R50KT
	630	35X55	0.20	3.80	ELO2TM631R55KT
	710	35X60	0.20	4.10	ELO2TM711R60KT
450	240	30X35	0.20	2.12	ELO2WM241Q35KT
	290	30X40	0.20	2.35	ELO2WM291Q40KT
	330	30X45	0.20	2.57	ELO2WM331Q45KT
	330	35X35	0.20	2.50	ELO2WM331R35KT
	380	30X50	0.20	2.81	ELO2WM381Q50KT
	410	30X55	0.20	2.96	ELO2WM411Q55KT
	410	35X40	0.20	2.89	ELO2WM411R40KT
	460	30X60	0.20	3.18	ELO2WM461Q60KT
	460	35X45	0.20	3.14	ELO2WM461R45KT
	470	30X55	0.20	3.30	ELO2WM471Q55KT
	550	35X50	0.20	3.51	ELO2WM551R50KT
	590	35X55	0.20	3.68	ELO2WM591R55KT
	660	35X60	0.20	3.95	ELO2WM661R60KT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LQ 系列/series

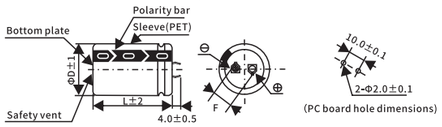
- 保证寿命：+85°C 5,000小时
  Endurance: 5,000 hours at 85°C
- 长寿命
  Long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

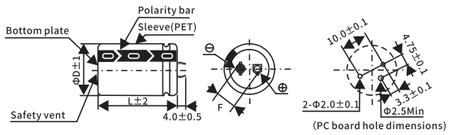
项目 Items	性能 Characteristics			
工作温度范围 Category Temperature Range	-25~+85°C			
额定电压范围 Rated Working Voltage Range	160~450V.DC			
静电容量允许偏差 Capacitance Tolerance	±20%(M)			(at 20°C,120Hz)
漏电流 Leakage Current	I≤3.√CV I：最大漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)			(20°C，5 分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	160~400	420~450	(at 20°C,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.15	0.20	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	160~250	315~450	(at 120Hz)
	Z(-25°C)/Z(+20°C)	4	8	
耐久性 Endurance	在85°C环境中，连续加载直流电压与额定纹波电流5,000小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 5,000 hours at 85°C.			
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value		
高温贮存 Shelf Life	在85°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 85°C without voltage applied.			
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value		

尺寸图 DIMENSIONS [mm]

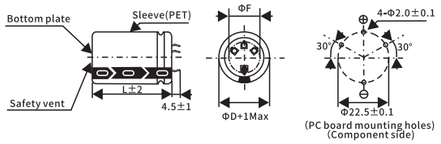
- 端子代码：K (Φ22 至 Φ35)：标准
  Terminal Code : K (Φ22 to Φ35) : Standard



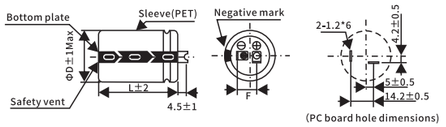
- 端子代码：T (Φ25 至 Φ35)：标准
  Terminal Code : T (Φ25 to Φ35) : Standard



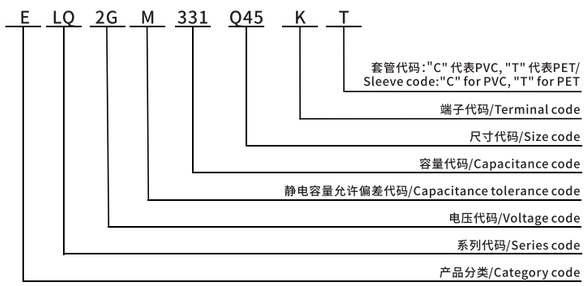
- 端子代码：P (Φ35 至 Φ45)：标准
  Terminal Code : P (Φ35 to Φ45) : Standard



- 端子代码：L (Φ35)：标准
  Terminal Code : L (Φ35) : Standard



产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
160~250	1.00	1.32	1.45	1.50
315~450	1.00	1.30	1.41	1.43

LQ 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
160	220	22X25	0.15	1.00	ELQ2CM221O25KT
	270	22X25	0.15	1.10	ELQ2CM271O25KT
	330	22X25	0.15	1.30	ELQ2CM331O25KT
	390	22X30	0.15	1.50	ELQ2CM391O30KT
	390	25X25	0.15	1.51	ELQ2CM391P25KT
	470	22X30	0.15	1.65	ELQ2CM471O30KT
	470	25X25	0.15	1.70	ELQ2CM471P25KT
	560	22X35	0.15	1.91	ELQ2CM561O35KT
	560	25X30	0.15	1.90	ELQ2CM561P30KT
	560	30X25	0.15	2.01	ELQ2CM561Q25KT
	680	22X40	0.15	2.10	ELQ2CM681O40KT
	680	25X35	0.15	2.20	ELQ2CM681P35KT
	680	30X30	0.15	2.22	ELQ2CM681Q30KT
	820	22X50	0.15	2.48	ELQ2CM821O50KT
	820	25X40	0.15	2.43	ELQ2CM821P40KT
	820	30X30	0.15	2.49	ELQ2CM821Q30KT
	820	35X25	0.15	2.45	ELQ2CM821R25KT
	1,000	25X45	0.15	2.69	ELQ2CM102P45KT
	1,000	30X35	0.15	2.79	ELQ2CM102Q35KT
	1,000	35X30	0.15	2.71	ELQ2CM102R30KT
	1,200	25X50	0.15	3.09	ELQ2CM122P50KT
	1,200	30X40	0.15	3.11	ELQ2CM122Q40KT
	1,200	35X35	0.15	3.05	ELQ2CM122R35KT
	1,500	30X45	0.15	3.68	ELQ2CM152Q45KT
	1,500	35X40	0.15	3.51	ELQ2CM152R40KT
	1,800	35X45	0.15	3.88	ELQ2CM182R45KT
	2,200	35X50	0.15	4.52	ELQ2CM222R50KT
180	270	22X25	0.15	1.19	ELQ2LM271O25KT
	330	22X30	0.15	1.38	ELQ2LM331O30KT
	390	22X30	0.15	1.45	ELQ2LM391O30KT
	390	25X25	0.15	1.49	ELQ2LM391P25KT
	470	22X35	0.15	1.68	ELQ2LM471O35KT
	470	25X30	0.15	2.69	ELQ2LM471P30KT
	470	30X25	0.15	1.81	ELQ2LM471Q25KT
	560	22X40	0.15	1.89	ELQ2LM561O40KT
	560	25X35	0.15	2.01	ELQ2LM561P35KT
	560	30X30	0.15	2.10	ELQ2LM561Q30KT
	680	22X50	0.15	2.29	ELQ2LM681O50KT
	680	25X40	0.15	2.21	ELQ2LM681P40KT
	680	30X30	0.15	2.31	ELQ2LM681Q30KT
	680	35X25	0.15	2.22	ELQ2LM681R25KT
	820	25X45	0.15	2.51	ELQ2LM821P45KT
	820	30X35	0.15	2.60	ELQ2LM821Q35KT
	820	35X30	0.15	2.66	ELQ2LM821R30KT

LQ 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
180	1,000	25X50	0.15	2.91	ELQ2LM102P50KT
	1,000	30X40	0.15	2.90	ELQ2LM102Q40KT
	1,000	35X35	0.15	2.94	ELQ2LM102R35KT
	1,200	30X45	0.15	3.29	ELQ2LM122Q45KT
	1,200	35X35	0.15	3.19	ELQ2LM122R35KT
	1,500	35X45	0.15	3.60	ELQ2LM152R45KT
	1,800	35X50	0.15	4.11	ELQ2LM182R50KT
200	220	22X25	0.15	1.11	ELQ2DM221O25KT
	270	22X25	0.15	1.21	ELQ2DM271O25KT
	330	22X30	0.15	1.41	ELQ2DM331O30KT
	330	25X25	0.15	1.40	ELQ2DM331P25KT
	390	22X35	0.15	1.59	ELQ2DM391O35KT
	390	25X30	0.15	1.61	ELQ2DM391P30KT
	470	22X40	0.15	1.78	ELQ2DM471O40KT
	470	25X35	0.15	1.85	ELQ2DM471P35KT
	470	30X25	0.15	1.88	ELQ2DM471Q25KT
	560	22X45	0.15	2.11	ELQ2DM561O45KT
	560	25X35	0.15	2.13	ELQ2DM561P35KT
	560	30X30	0.15	2.10	ELQ2DM561Q30KT
	560	35X25	0.15	2.05	ELQ2DM561R25KT
	680	25X40	0.15	2.33	ELQ2DM681P40KT
	680	30X35	0.15	2.40	ELQ2DM681Q35KT
	680	35X30	0.15	2.48	ELQ2DM681R30KT
	820	25X50	0.15	2.59	ELQ2DM821P50KT
	820	30X40	0.15	2.78	ELQ2DM821Q40KT
	820	35X30	0.15	2.59	ELQ2DM821R30KT
	1,000	30X45	0.15	3.06	ELQ2DM102Q45KT
	1,000	35X35	0.15	2.80	ELQ2DM102R35KT
	1,200	30X50	0.15	3.41	ELQ2DM122Q50KT
	1,200	35X40	0.15	3.18	ELQ2DM122R40KT
	1,500	35X50	0.15	3.80	ELQ2DM152R50KT
220	180	22X25	0.15	1.06	ELQ2NM181O25KT
	220	22X25	0.15	1.10	ELQ2NM221O25KT
	270	22X30	0.15	1.19	ELQ2NM271O30KT
	270	25X25	0.15	1.20	ELQ2NM271P25KT
	330	22X35	0.15	1.40	ELQ2NM331O35KT
	330	25X30	0.15	1.42	ELQ2NM331P30KT
	330	30X25	0.15	1.42	ELQ2NM331Q25KT
	390	22X40	0.15	1.57	ELQ2NM391O40KT
	390	25X35	0.15	1.58	ELQ2NM391P35KT
	390	30X30	0.15	1.55	ELQ2NM391Q30KT
	470	22X45	0.15	1.77	ELQ2NM471O45KT
	470	25X40	0.15	1.79	ELQ2NM471P40KT
	470	30X30	0.15	1.81	ELQ2NM471Q30KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
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LQ 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
220	560	22X50	0.15	2.12	ELQ2NM561O50KT
	560	25X45	0.15	2.22	ELQ2NM561P45KT
	560	30X35	0.15	2.28	ELQ2NM561Q35KT
	560	35X30	0.15	2.26	ELQ2NM561R30KT
	680	25X50	0.15	2.35	ELQ2NM681P50KT
	680	30X40	0.15	2.30	ELQ2NM681Q40KT
	680	35X30	0.15	2.36	ELQ2NM681R30KT
	820	30X45	0.15	2.81	ELQ2NM821Q45KT
	820	35X35	0.15	2.79	ELQ2NM821R35KT
	1,000	30X50	0.15	3.12	ELQ2NM102Q50KT
	1,000	35X40	0.15	3.29	ELQ2NM102R40KT
	1,200	35X45	0.15	3.40	ELQ2NM122R45KT
	1,500	35X50	0.15	3.86	ELQ2NM152R50KT
250	180	22X25	0.15	0.94	ELQ2EM181O25KT
	220	22X30	0.15	1.09	ELQ2EM221O30KT
	220	25X25	0.15	1.10	ELQ2EM221P25KT
	270	22X35	0.15	1.19	ELQ2EM271O35KT
	270	25X30	0.15	1.21	ELQ2EM271P30KT
	330	22X40	0.15	1.38	ELQ2EM331O40KT
	330	25X30	0.15	1.39	ELQ2EM331P30KT
	330	30X25	0.15	1.48	ELQ2EM331Q25KT
	390	22X45	0.15	1.61	ELQ2EM391O45KT
	390	25X35	0.15	1.60	ELQ2EM391P35KT
	390	30X30	0.15	1.63	ELQ2EM391Q30KT
	470	22X50	0.15	1.79	ELQ2EM471O50KT
	470	25X40	0.15	1.78	ELQ2EM471P40KT
	470	30X30	0.15	1.81	ELQ2EM471Q30KT
	560	25X45	0.15	2.01	ELQ2EM561P45KT
	560	30X35	0.15	2.10	ELQ2EM561Q35KT
	680	30X40	0.15	2.25	ELQ2EM681Q40KT
	680	35X35	0.15	2.39	ELQ2EM681R35KT
	820	30X45	0.15	2.61	ELQ2EM821Q45KT
	820	35X40	0.15	2.59	ELQ2EM821R40KT
	1,000	35X45	0.15	2.87	ELQ2EM102R45KT
	1,200	35X50	0.15	3.32	ELQ2EM122R50KT
315	100	22X25	0.15	0.79	ELQ2FM101O25KT
	120	22X30	0.15	0.90	ELQ2FM121O30KT
	150	22X30	0.15	1.06	ELQ2FM151O30KT
	150	25X25	0.15	1.00	ELQ2FM151P25KT
	180	22X35	0.15	1.29	ELQ2FM181O35KT
	180	25X30	0.15	1.32	ELQ2FM181P30KT
	220	22X40	0.15	1.41	ELQ2FM221O40KT
	220	25X35	0.15	1.45	ELQ2FM221P35KT
	220	30X25	0.15	1.28	ELQ2FM221Q25KT

LQ 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
315	270	22X45	0.15	1.68	ELQ2FM271O45KT
	270	25X40	0.15	1.62	ELQ2FM271P40KT
	270	30X30	0.15	1.55	ELQ2FM271Q30KT
	270	35X25	0.15	1.43	ELQ2FM271R25KT
	330	25X45	0.15	1.94	ELQ2FM331P45KT
	330	30X35	0.15	1.98	ELQ2FM331Q35KT
	330	35X30	0.15	1.91	ELQ2FM331R30KT
	390	25X50	0.15	2.11	ELQ2FM391P50KT
	390	30X40	0.15	2.15	ELQ2FM391Q40KT
	390	35X30	0.15	1.95	ELQ2FM391R30KT
	470	30X45	0.15	2.38	ELQ2FM471Q45KT
	470	35X35	0.15	2.46	ELQ2FM471R35KT
	560	30X50	0.15	2.63	ELQ2FM561Q50KT
	560	35X40	0.15	2.69	ELQ2FM561R40KT
	680	35X45	0.15	3.05	ELQ2FM681R45KT
350	82	22X25	0.15	0.64	ELQ2VM820O25KT
	100	22X25	0.15	0.86	ELQ2VM101O25KT
	120	22X30	0.15	1.04	ELQ2VM121O30KT
	120	25X25	0.15	0.90	ELQ2VM121P25KT
	150	22X35	0.15	1.20	ELQ2VM151O35KT
	150	25X30	0.15	1.22	ELQ2VM151P30KT
	180	22X40	0.15	1.34	ELQ2VM181O40KT
	180	25X30	0.15	1.37	ELQ2VM181P30KT
	220	22X45	0.15	1.47	ELQ2VM221O45KT
	220	25X35	0.15	1.53	ELQ2VM221P35KT
	220	30X30	0.15	1.54	ELQ2VM221Q30KT
	220	35X25	0.15	1.29	ELQ2VM221R25KT
	270	25X45	0.15	1.73	ELQ2VM271P45KT
	270	30X35	0.15	1.80	ELQ2VM271Q35KT
	270	35X30	0.15	1.49	ELQ2VM271R30KT
	330	25X50	0.15	1.97	ELQ2VM331P50KT
	330	30X40	0.15	2.03	ELQ2VM331Q40KT
	330	35X30	0.15	1.80	ELQ2VM331R30KT
	390	30X40	0.15	2.23	ELQ2VM391Q40KT
	390	35X35	0.15	2.30	ELQ2VM391R35KT
	470	30X45	0.15	2.53	ELQ2VM471Q45KT
	470	35X40	0.15	2.55	ELQ2VM471R40KT
	560	35X45	0.15	2.75	ELQ2VM561R45KT
	680	35X50	0.15	3.15	ELQ2VM681R50KT
400	68	22X25	0.15	0.65	ELQ2GM680O25KT
	82	22X25	0.15	0.84	ELQ2GM820O25KT
	100	22X30	0.15	0.99	ELQ2GM101O30KT
	100	25X25	0.15	0.82	ELQ2GM101P25KT
	120	22X35	0.15	1.09	ELQ2GM121O35KT

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LQ 系列/series

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电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
400	120	25X30	0.15	1.13	ELQ2GM121P30KT
	150	22X40	0.15	1.24	ELQ2GM151O40KT
	150	25X30	0.15	1.27	ELQ2GM151P30KT
	150	30X25	0.15	1.20	ELQ2GM151Q25KT
	180	22X45	0.15	1.41	ELQ2GM181O45KT
	180	25X35	0.15	1.44	ELQ2GM181P35KT
	180	30X30	0.15	1.52	ELQ2GM181Q30KT
	180	35X25	0.15	1.16	ELQ2GM181R25KT
	220	22X50	0.15	1.58	ELQ2GM221O50KT
	220	25X40	0.15	1.64	ELQ2GM221P40KT
	220	30X35	0.15	1.66	ELQ2GM221Q35KT
	220	35X30	0.15	1.47	ELQ2GM221R30KT
	270	25X45	0.15	1.79	ELQ2GM271P45KT
	270	30X40	0.15	1.82	ELQ2GM271Q40KT
	270	35X30	0.15	1.63	ELQ2GM271R30KT
	330	30X45	0.15	2.05	ELQ2GM331Q45KT
	330	35X35	0.15	2.05	ELQ2GM331R35KT
	390	30X50	0.15	2.26	ELQ2GM391Q50KT
	390	35X40	0.15	2.28	ELQ2GM391R40KT
	470	35X45	0.15	2.54	ELQ2GM471R45KT
	560	35X50	0.15	2.85	ELQ2GM561R50KT
	680	35X55	0.15	3.28	ELQ2GM681R55KT
	1,000	35X55	0.15	3.50	ELQ2GM102R55KT
	1,000	35X65	0.15	3.62	ELQ2GM102R65KT
	1,200	40X60	0.15	3.80	ELQ2GM122Y60PT
	1,200	40X70	0.15	3.90	ELQ2GM122Y70PT
	1,500	40X75	0.15	4.15	ELQ2GM152Y75PT
	1,500	40X80	0.15	4.20	ELQ2GM152Y80PT
	1,500	45X60	0.15	4.15	ELQ2GM152I60PT
	1,800	35X100	0.15	4.52	ELQ2GM182RA0KT
	1,800	40X80	0.15	4.52	ELQ2GM182Y80PT
	1,800	40X100	0.15	4.68	ELQ2GM182YA0PT
420	100	22X30	0.20	0.97	ELQ2TM101O30KT
	100	25X25	0.20	0.98	ELQ2TM101P25KT
	120	22X30	0.20	1.07	ELQ2TM121O30KT
	120	25X30	0.20	1.08	ELQ2TM121P30KT
	150	22X40	0.20	1.21	ELQ2TM151O40KT
	150	25X35	0.20	1.26	ELQ2TM151P35KT
	180	25X35	0.20	1.42	ELQ2TM181P35KT
	180	30X30	0.20	1.48	ELQ2TM181Q30KT
	220	25X40	0.20	1.58	ELQ2TM221P40KT
	220	30X35	0.20	1.65	ELQ2TM221Q35KT
	270	30X35	0.20	1.90	ELQ2TM271Q35KT
	270	35X30	0.20	1.94	ELQ2TM271R30KT

LQ 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
420	330	35X35	0.20	2.17	ELQ2TM331R35KT
	390	30X50	0.20	2.22	ELQ2TM391Q50KT
	390	35X45	0.20	2.23	ELQ2TM391R45KT
	560	35X50	0.20	2.93	ELQ2TM561R50KT
450	68	22X30	0.20	0.71	ELQ2WM680O30KT
	82	22X35	0.20	0.86	ELQ2WM820O35KT
	100	22X35	0.20	0.95	ELQ2WM101O35KT
	100	25X30	0.20	0.97	ELQ2WM101P30KT
	120	22X40	0.20	1.07	ELQ2WM121O40KT
	120	25X35	0.20	1.09	ELQ2WM121P35KT
	150	22X50	0.20	1.18	ELQ2WM151O50KT
	150	25X40	0.20	1.25	ELQ2WM151P40KT
	150	30X30	0.20	1.29	ELQ2WM151Q30KT
	180	25X45	0.20	1.40	ELQ2WM181P45KT
	180	30X35	0.20	1.45	ELQ2WM181Q35KT
	180	35X25	0.20	1.30	ELQ2WM181R25KT
	220	25X50	0.20	1.59	ELQ2WM221P50KT
	220	30X40	0.20	1.64	ELQ2WM221Q40KT
	220	35X30	0.20	1.60	ELQ2WM221R30KT
	270	30X45	0.20	1.88	ELQ2WM271Q45KT
	270	35X35	0.20	1.89	ELQ2WM271R35KT
	330	30X50	0.20	2.12	ELQ2WM331Q50KT
	330	35X40	0.20	2.15	ELQ2WM331R40KT
	390	35X45	0.20	2.35	ELQ2WM391R45KT
	470	35X50	0.20	2.65	ELQ2WM471R50KT
	560	35X50	0.20	2.88	ELQ2WM561R50KT
	680	35X55	0.20	3.20	ELQ2WM681R55KT
	820	35X60	0.20	3.58	ELQ2WM821R60KT
	1,000	35X70	0.20	3.70	ELQ2WM102R70KT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LG 系列/series

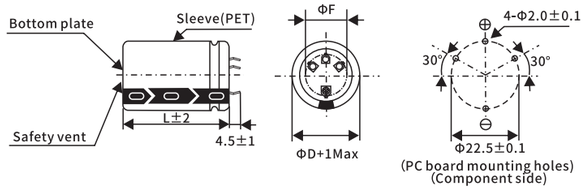
- 保证寿命：+85°C 12,000小时
  Endurance: 12,000 hours at 85°C
- 长寿命，高纹波
  Long life,high ripple current
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

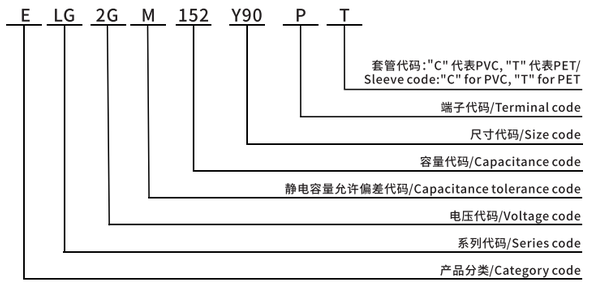
项目 Items	性能 Characteristics		
工作温度范围 Category Temperature Range	-25~+85°C		
额定电压范围 Rated Working Voltage Range	350~450V.DC		
静电容量允许偏差 Capacitance Tolerance	±20%(M)		(at 20°C,120Hz)
漏电流 Leakage Current	I≤3$\sqrt{CV}$ I：最大漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)		(20°C，5 分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	350~450	(at 20°C,120Hz)
	损耗角正切（最大） Dissipation Factor(Max.)	0.20	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	350~450	(at 120Hz)
	Z(-25°C)/Z(+20°C)	8	
耐久性 Endurance	在85°C环境中，连续加载直流电压与额定纹波电流12,000小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 12,000 hours at 85°C.		
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value	
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value	
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value	
高温贮存 Shelf Life	在85°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 85°C without voltage applied.		
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value	
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value	
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value	

尺寸图 DIMENSIONS [mm]

- 端子代码：P (Φ35 至 Φ45)：标准
  Terminal Code : P (Φ35 to Φ45) : Standard



产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	50	120	300	1K	10K	100K
350~450	0.77	1.00	1.16	1.30	1.41	1.43

LG 系列/series

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电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
350	680	35X50	0.20	3.62	ELG2VM681R50PT
	820	35X55	0.20	3.97	ELG2VM821R55PT
	820	40X50	0.20	4.08	ELG2VM821Y50PT
	1,000	35X65	0.20	4.54	ELG2VM102R65PT
	1,000	40X55	0.20	4.46	ELG2VM102Y55PT
	1,200	35X75	0.20	5.09	ELG2VM122R75PT
	1,200	40X60	0.20	4.82	ELG2VM122Y60PT
	1,200	45X50	0.20	4.43	ELG2VM122I50PT
	1,500	35X95	0.20	5.98	ELG2VM152R95PT
	1,500	40X70	0.20	5.47	ELG2VM152Y70PT
	1,500	45X60	0.20	5.20	ELG2VM152I60PT
	1,800	40X90	0.20	6.51	ELG2VM182Y90PT
	1,800	45X65	0.20	5.53	ELG2VM182I65PT
	2,200	45X85	0.20	6.73	ELG2VM222I85PT
	2,700	45X100	0.20	7.62	ELG2VM272IA0PT
400	470	35X45	0.20	3.18	ELG2GM471R45PT
	560	35X50	0.20	3.45	ELG2GM561R50PT
	680	35X60	0.20	3.98	ELG2GM681R60PT
	680	40X50	0.20	3.90	ELG2GM681Y50PT
	820	35X65	0.20	4.32	ELG2GM821R65PT
	820	40X55	0.20	4.25	ELG2GM821Y55PT
	820	45X50	0.20	4.27	ELG2GM821I50PT
	1,000	35X80	0.20	5.02	ELG2GM102R80PT
	1,000	40X65	0.20	4.88	ELG2GM102Y65PT
	1,000	45X55	0.20	4.64	ELG2GM102I55PT
	1,200	35X90	0.20	5.54	ELG2GM122R90PT
	1,200	40X75	0.20	5.47	ELG2GM122Y75PT
	1,200	45X60	0.20	4.99	ELG2GM122I60PT
	1,500	40X90	0.20	6.30	ELG2GM152Y90PT
	1,500	45X70	0.20	5.65	ELG2GM152I70PT
	1,800	45X80	0.20	6.28	ELG2GM182I80PT
	2,200	45X95	0.20	7.18	ELG2GM222I95PT
420	560	35X50	0.20	3.39	ELG2TM561R50PT
	680	35X60	0.20	3.92	ELG2TM681R60PT
	680	40X50	0.20	3.85	ELG2TM681Y50PT
	820	35X65	0.20	4.26	ELG2TM821R65PT
	820	40X55	0.20	4.21	ELG2TM821Y55PT
	1,000	35X80	0.20	4.94	ELG2TM102R80PT
	1,000	40X65	0.20	4.82	ELG2TM102Y65PT
	1,000	45X50	0.20	4.23	ELG2TM102I50PT
	1,200	35X95	0.20	5.58	ELG2TM122R95PT
	1,200	40X75	0.20	5.42	ELG2TM122Y75PT
	1,200	45X60	0.20	4.97	ELG2TM122I60PT
	1,500	40X90	0.20	6.19	ELG2TM152Y90PT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LG 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/85°C,120Hz)	料号 Part Number
420	1,500	45X70	0.20	5.63	ELG2TM152I70PT
	1,800	45X85	0.20	6.50	ELG2TM182I85PT
	2,200	45X100	0.20	7.36	ELG2TM222IA0PT
450	470	35X50	0.20	3.25	ELG2WM471R50PT
	560	35X55	0.20	3.56	ELG2WM561R55PT
	560	40X50	0.20	3.70	ELG2WM561Y50PT
	680	35X65	0.20	4.07	ELG2WM681R65PT
	680	40X55	0.20	4.06	ELG2WM681Y55PT
	820	35X75	0.20	4.55	ELG2WM821R75PT
	820	40X60	0.20	4.41	ELG2WM821Y60PT
	820	45X50	0.20	4.14	ELG2WM821I50PT
	1,000	35X85	0.20	5.07	ELG2WM102R85PT
	1,000	40X70	0.20	5.00	ELG2WM102Y70PT
	1,000	45X60	0.20	4.84	ELG2WM102I60PT
	1,200	35X100	0.20	5.71	ELG2WM122RA0PT
	1,200	40X80	0.20	5.57	ELG2WM122Y80PT
	1,200	45X65	0.20	5.18	ELG2WM122I65PT
	1,500	40X95	0.20	6.36	ELG2WM152Y95PT
	1,500	45X80	0.20	6.13	ELG2WM152I80PT
	1,800	45X90	0.20	6.71	ELG2WM182I90PT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LT 系列/series

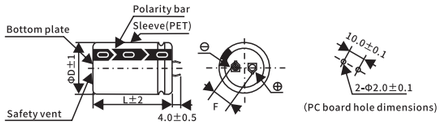
- 保证寿命：+105℃ 5,000小时
  Endurance: 5,000 hours at 105℃
- 长寿命
  Long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

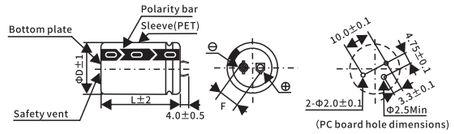
项目 Items	性能 Characteristics			
工作温度范围 Category Temperature Range	-25~+105℃			
额定电压范围 Rated Working Voltage Range	160~550V.DC			
静电容量允许偏差 Capacitance Tolerance	±20%(M)			(at 20°C,120Hz)
漏电流 Leakage Current	I≤3.√CV I：最大漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)			(20℃，5 分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	160~400	420~550	(at 20°C,120Hz)
	损耗角正切（最大） Dissipation Factor(Max.)	0.15	0.20	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	160~250	315~550	(at 120Hz)
	Z(-25℃)/Z(+20℃)	4	8	
耐久性 Endurance	在105℃环境中，连续加载直流电压与额定纹波电流5,000小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 5,000 hours at 105°C.			
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的200%（500-550Vdc≤250%） ≤200% of the initial specified value(500-550Vdc:≤250%)		
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value		
高温贮存 Shelf Life	在105℃环境中，无负荷放置1,000 小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.			
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value		

尺寸图 DIMENSIONS [mm]

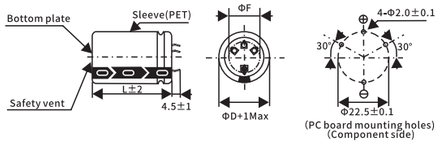
- 端子代码：K (Φ22 至 Φ35)：标准
  Terminal Code : K (Φ22 to Φ35) : Standard



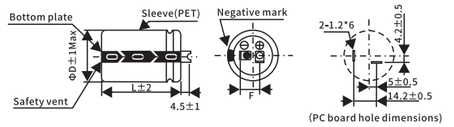
- 端子代码：T (Φ25 至 Φ35)：标准
  Terminal Code : T (Φ25 to Φ35) : Standard



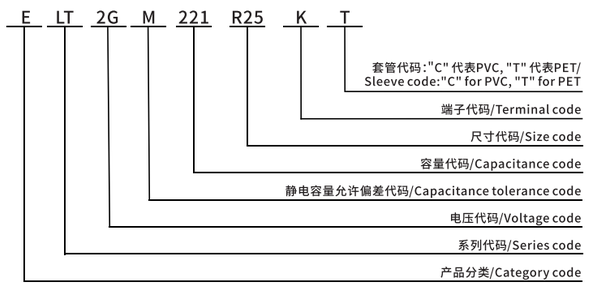
- 端子代码：P (Φ35 至 Φ45)：标准
  Terminal Code : P (Φ35 to Φ45) : Standard



- 端子代码：L (Φ35)：标准
  Terminal Code : L (Φ35) : Standard



产品料号体系 PART NUMBERING SYSTEM



纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
160~250	1.00	1.32	1.45	1.50
315~550	1.00	1.30	1.41	1.43

LT 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
160	390	22X25	0.15	1.32	ELT2CM391O25KT
	470	25X25	0.15	1.48	ELT2CM471P25KT
	560	22X30	0.15	1.66	ELT2CM561O30KT
	560	25X25	0.15	1.68	ELT2CM561P25KT
	560	25X30	0.15	1.74	ELT2CM561P30KT
	680	22X35	0.15	1.87	ELT2CM681O35KT
	680	25X30	0.15	1.88	ELT2CM681P30KT
	680	30X25	0.15	1.96	ELT2CM681Q25KT
	820	22X40	0.15	2.09	ELT2CM821O40KT
	820	22X45	0.15	2.18	ELT2CM821O45KT
	1,000	22X50	0.15	2.41	ELT2CM102O50KT
	1,000	25X40	0.15	2.38	ELT2CM102P40KT
	1,000	30X30	0.15	2.40	ELT2CM102Q30KT
	1,000	35X25	0.15	2.55	ELT2CM102R25KT
	1,200	25X45	0.15	2.71	ELT2CM122P45KT
	1,200	30X40	0.15	2.77	ELT2CM122Q40KT
	1,200	35X30	0.15	2.86	ELT2CM122R30KT
	1,500	25X50	0.15	3.08	ELT2CM152P50KT
	1,500	30X45	0.15	3.17	ELT2CM152Q45KT
	1,500	35X35	0.15	3.22	ELT2CM152R35KT
	1,800	30X50	0.15	3.53	ELT2CM182Q50KT
	1,800	35X40	0.15	3.66	ELT2CM182R40KT
	2,200	35X45	0.15	4.14	ELT2CM222R45KT
	2,700	35X50	0.15	4.68	ELT2CM272R50KT
180	330	22X25	0.15	1.21	ELT2LM331O25KT
	470	22X30	0.15	1.52	ELT2LM471O30KT
	470	25X25	0.15	1.52	ELT2LM471P25KT
	560	22X35	0.15	1.70	ELT2LM561O35KT
	560	25X30	0.15	1.78	ELT2LM561P30KT
	680	22X40	0.15	1.91	ELT2LM681O40KT
	680	25X30	0.15	1.88	ELT2LM681P30KT
	820	22X45	0.15	1.99	ELT2LM821O45KT
	820	25X35	0.15	2.16	ELT2LM821P35KT
	820	30X30	0.15	2.17	ELT2LM821Q30KT
	820	35X25	0.15	2.31	ELT2LM821R25KT
	1,000	22X50	0.15	2.25	ELT2LM102O50KT
	1,000	25X45	0.15	2.47	ELT2LM102P45KT
	1,000	30X35	0.15	2.46	ELT2LM102Q35KT
	1,200	25X50	0.15	2.75	ELT2LM122P50KT
	1,200	30X40	0.15	2.77	ELT2LM122Q40KT
	1,200	35X30	0.15	2.86	ELT2LM122R30KT
	1,500	30X50	0.15	3.22	ELT2LM152Q50KT
	1,500	35X35	0.15	3.22	ELT2LM152R35KT
	1,800	35X45	0.15	3.74	ELT2LM182R45KT

LT 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
180	2,200	35X50	0.15	4.22	ELT2LM222R50KT
200	270	22X25	0.15	1.10	ELT2DM271O25KT
	330	22X30	0.15	1.22	ELT2DM331O30KT
	330	25X25	0.15	1.22	ELT2DM331P25KT
	390	22X30	0.15	1.38	ELT2DM391O30KT
	390	25X25	0.15	1.39	ELT2DM391P25KT
	470	22X35	0.15	1.55	ELT2DM471O35KT
	470	22X40	0.15	1.62	ELT2DM471O40KT
	470	25X30	0.15	1.58	ELT2DM471P30KT
	470	30X25	0.15	1.55	ELT2DM471Q25KT
	560	22X40	0.15	1.73	ELT2DM561O40KT
	560	22X45	0.15	1.78	ELT2DM561O45KT
	560	25X30	0.15	1.71	ELT2DM561P30KT
	560	30X25	0.15	1.78	ELT2DM561Q25KT
	680	22X45	0.15	1.81	ELT2DM681O45KT
	680	25X35	0.15	1.87	ELT2DM681P35KT
	680	30X30	0.15	1.98	ELT2DM681Q30KT
	680	35X25	0.15	2.10	ELT2DM681R25KT
	820	22X50	0.15	2.18	ELT2DM821O50KT
	820	25X40	0.15	2.09	ELT2DM821P40KT
	820	30X30	0.15	2.10	ELT2DM821Q30KT
	820	30X35	0.15	2.22	ELT2DM821Q35KT
	1,000	25X50	0.15	2.39	ELT2DM102P50KT
	1,000	30X35	0.15	2.40	ELT2DM102Q35KT
	1,000	30X40	0.15	2.53	ELT2DM102Q40KT
	1,000	35X30	0.15	2.61	ELT2DM102R30KT
	1,000	35X35	0.15	2.72	ELT2DM102R35KT
	1,200	30X50	0.15	2.88	ELT2DM122Q50KT
	1,200	35X35	0.15	2.88	ELT2DM122R35KT
	1,500	30X50	0.15	2.92	ELT2DM152Q50KT
	1,500	35X40	0.15	2.96	ELT2DM152R40KT
	1,800	35X50	0.15	3.12	ELT2DM182R50KT
	2,200	35X55	0.15	3.34	ELT2DM222R55KT
	2,700	35X60	0.15	3.50	ELT2DM272R60KT
220	270	22X25	0.15	1.10	ELT2NM271O25KT
	330	22X30	0.15	1.19	ELT2NM331O30KT
	390	25X30	0.15	1.39	ELT2NM391P30KT
	470	22X40	0.15	1.55	ELT2NM471O40KT
	470	25X30	0.15	1.56	ELT2NM471P30KT
	470	30X25	0.15	1.63	ELT2NM471Q25KT
	560	22X45	0.15	1.73	ELT2NM561O45KT
	560	30X30	0.15	1.79	ELT2NM561Q30KT
	680	22X50	0.15	1.99	ELT2NM681O50KT
	680	25X40	0.15	1.96	ELT2NM681P40KT

LT 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
220	680	30X35	0.15	2.02	ELT2NM681Q35KT
	820	25X45	0.15	2.24	ELT2NM821P45KT
	820	30X40	0.15	2.29	ELT2NM821Q40KT
	820	35X30	0.15	2.36	ELT2NM821R30KT
	1,000	30X45	0.15	2.59	ELT2NM102Q45KT
	1,000	35X35	0.15	2.63	ELT2NM102R35KT
	1,200	30X50	0.15	2.88	ELT2NM122Q50KT
	1,200	35X40	0.15	2.98	ELT2NM122R40KT
	1,500	35X45	0.15	3.41	ELT2NM152R45KT
	1,800	35X50	0.15	3.82	ELT2NM182R50KT
250	220	22X25	0.15	1.01	ELT2EM221O25KT
	220	22X35	0.15	1.10	ELT2EM221O35KT
	220	25X25	0.15	1.10	ELT2EM221P25KT
	270	22X30	0.15	1.20	ELT2EM271O30KT
	330	22X30	0.15	1.32	ELT2EM331O30KT
	330	25X25	0.15	1.32	ELT2EM331P25KT
	330	30X25	0.15	1.32	ELT2EM331Q25KT
	390	22X35	0.15	1.44	ELT2EM391O35KT
	390	22X45	0.15	1.44	ELT2EM391O45KT
	390	25X30	0.15	1.43	ELT2EM391P30KT
	390	25X35	0.15	1.51	ELT2EM391P35KT
	390	30X25	0.15	1.51	ELT2EM391Q25KT
	470	22X40	0.15	1.62	ELT2EM471O40KT
	560	22X50	0.15	1.84	ELT2EM561O50KT
	560	25X40	0.15	1.78	ELT2EM561P40KT
	560	30X30	0.15	1.83	ELT2EM561Q30KT
	560	35X25	0.15	1.91	ELT2EM561R25KT
	680	25X45	0.15	2.04	ELT2EM681P45KT
	680	30X35	0.15	2.06	ELT2EM681Q35KT
	680	30X40	0.15	2.15	ELT2EM681Q40KT
	680	35X30	0.15	2.15	ELT2EM681R30KT
	680	35X35	0.15	2.20	ELT2EM681R35KT
	820	25X50	0.15	2.28	ELT2EM821P50KT
	820	30X40	0.15	2.28	ELT2EM821Q40KT
	820	30X45	0.15	2.39	ELT2EM821Q45KT
	820	35X35	0.15	2.38	ELT2EM821R35KT
	1,000	30X50	0.15	2.68	ELT2EM102Q50KT
	1,000	35X40	0.15	2.72	ELT2EM102R40KT
	1,200	30X50	0.15	2.80	ELT2EM122Q50KT
	1,200	35X45	0.15	2.82	ELT2EM122R45KT
	1,500	35X50	0.15	3.12	ELT2EM152R50KT
	1,800	35X60	0.15	3.36	ELT2EM182R60KT
315	100	22X25	0.15	0.64	ELT2FM101O25KT
	150	22X25	0.15	0.80	ELT2FM151O25KT

LT 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
315	180	22X30	0.15	0.92	ELT2FM181O30KT
	180	25X25	0.15	0.94	ELT2FM181P25KT
	220	22X35	0.15	1.04	ELT2FM221O35KT
	220	30X25	0.15	1.17	ELT2FM221Q25KT
	270	22X40	0.15	1.18	ELT2FM271O40KT
	270	25X30	0.15	1.19	ELT2FM271P30KT
	330	22X45	0.15	1.33	ELT2FM331O45KT
	330	25X35	0.15	1.37	ELT2FM331P35KT
	330	30X30	0.15	1.40	ELT2FM331Q30KT
	330	35X25	0.15	1.49	ELT2FM331R25KT
	390	22X50	0.15	1.48	ELT2FM391O50KT
	390	25X40	0.15	1.52	ELT2FM391P40KT
	470	25X45	0.15	1.70	ELT2FM471P45KT
	470	30X35	0.15	1.71	ELT2FM471Q35KT
	470	35X30	0.15	1.82	ELT2FM471R30KT
	560	30X45	0.15	1.97	ELT2FM561Q45KT
	560	35X35	0.15	2.00	ELT2FM561R35KT
	680	30X50	0.15	2.21	ELT2FM681Q50KT
	680	35X40	0.15	2.29	ELT2FM681R40KT
	820	35X45	0.15	2.57	ELT2FM821R45KT
	1,000	35X50	0.15	2.89	ELT2FM102R50KT
	1,200	35X60	0.15	3.02	ELT2FM122R60KT
	1,500	35X70	0.15	3.38	ELT2FM152R70KT
350	120	22X25	0.15	0.72	ELT2VM121O25KT
	150	22X30	0.15	0.84	ELT2VM151O30KT
	180	25X25	0.15	0.94	ELT2VM181P25KT
	220	22X40	0.15	1.06	ELT2VM221O40KT
	220	25X30	0.15	1.07	ELT2VM221P30KT
	220	30X25	0.15	1.13	ELT2VM221Q25KT
	270	22X45	0.15	1.20	ELT2VM271O45KT
	270	22X50	0.15	1.24	ELT2VM271O50KT
	270	25X35	0.15	1.24	ELT2VM271P35KT
	270	30X30	0.15	1.27	ELT2VM271Q30KT
	270	35X25	0.15	1.35	ELT2VM271R25KT
	330	22X50	0.15	1.36	ELT2VM331O50KT
	330	25X40	0.15	1.39	ELT2VM331P40KT
	330	30X35	0.15	1.43	ELT2VM331Q35KT
	390	25X45	0.15	1.55	ELT2VM391P45KT
	390	30X40	0.15	1.60	ELT2VM391Q40KT
	390	35X30	0.15	1.66	ELT2VM391R30KT
	470	25X50	0.15	1.72	ELT2VM471P50KT
	470	30X45	0.15	1.81	ELT2VM471Q45KT
	470	35X35	0.15	1.83	ELT2VM471R35KT
	560	30X50	0.15	2.00	ELT2VM561Q50KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LT 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
350	560	35X40	0.15	2.07	ELT2VM561R40KT
	680	35X45	0.15	2.34	ELT2VM681R45KT
	820	35X50	0.15	2.62	ELT2VM821R50KT
400	68	22X25	0.15	0.48	ELT2GM680O25KT
	82	22X25	0.15	0.60	ELT2GM820O25KT
	100	22X25	0.15	0.66	ELT2GM101O25KT
	120	22X30	0.15	0.75	ELT2GM121O30KT
	120	25X25	0.15	0.75	ELT2GM121P25KT
	150	22X35	0.15	0.86	ELT2GM151O35KT
	150	25X30	0.15	0.86	ELT2GM151P30KT
	180	22X35	0.15	0.92	ELT2GM181O35KT
	180	22X40	0.15	0.96	ELT2GM181O40KT
	180	25X30	0.15	0.97	ELT2GM181P30KT
	180	30X25	0.15	1.02	ELT2GM181Q25KT
	220	22X45	0.15	1.09	ELT2GM221O45KT
	220	25X35	0.15	1.12	ELT2GM221P35KT
	220	25X40	0.15	1.15	ELT2GM221P40KT
	220	30X30	0.15	1.15	ELT2GM221Q30KT
	270	22X50	0.15	1.23	ELT2GM271O50KT
	270	25X40	0.15	1.25	ELT2GM271P40KT
	270	25X45	0.15	1.29	ELT2GM271P45KT
	270	25X50	0.15	1.32	ELT2GM271P50KT
	270	30X30	0.15	1.27	ELT2GM271Q30KT
	270	30X35	0.15	1.32	ELT2GM271Q35KT
	330	25X45	0.15	1.42	ELT2GM331P45KT
	330	25X50	0.15	1.44	ELT2GM331P50KT
	330	30X35	0.15	1.43	ELT2GM331Q35KT
	330	30X45	0.15	1.52	ELT2GM331Q45KT
	330	35X30	0.15	1.52	ELT2GM331R30KT
	390	30X40	0.15	1.60	ELT2GM391Q40KT
	390	30X45	0.15	1.64	ELT2GM391Q45KT
	390	35X35	0.15	1.67	ELT2GM391R35KT
	470	30X45	0.15	1.84	ELT2GM471Q45KT
	470	30X50	0.15	1.84	ELT2GM471Q50KT
	470	35X40	0.15	1.90	ELT2GM471R40KT
	470	35X45	0.15	2.00	ELT2GM471R45KT
	560	35X45	0.15	2.12	ELT2GM561R45KT
	560	35X50	0.15	2.22	ELT2GM561R50KT
	680	35X50	0.15	2.38	ELT2GM681R50KT
	820	35X50	0.15	2.20	ELT2GM821R50KT
	820	35X55	0.15	2.42	ELT2GM821R55KT
	820	35X60	0.15	2.58	ELT2GM821R60KT
	1,000	35X70	0.15	2.86	ELT2GM102R70KT
	1,000	35X80	0.15	2.92	ELT2GM102R80KT

LT 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
400	1,000	40X80	0.15	3.00	ELT2GM102Y80PT
	1,200	40X80	0.15	3.18	ELT2GM122Y80PT
	1,500	40X100	0.15	3.36	ELT2GM152YA0PT
	1,800	40X100	0.15	3.58	ELT2GM182YA0PT
	1,800	45X100	0.15	3.68	ELT2GM182IA0PT
	2,200	45X100	0.15	3.82	ELT2GM222IA0PT
	2,700	45X100	0.15	4.00	ELT2GM272IA0PT
420	100	22X25	0.20	0.66	ELT2TM101O25KT
	120	22X30	0.20	0.75	ELT2TM121O30KT
	120	25X25	0.20	0.77	ELT2TM121P25KT
	150	22X35	0.20	0.86	ELT2TM151O35KT
	180	22X45	0.20	0.98	ELT2TM181O45KT
	180	25X35	0.20	1.01	ELT2TM181P35KT
	180	30X25	0.20	1.02	ELT2TM181Q25KT
	220	22X50	0.20	1.11	ELT2TM221O50KT
	220	25X40	0.20	1.14	ELT2TM221P40KT
	220	30X30	0.20	1.14	ELT2TM221Q30KT
	220	35X25	0.20	1.22	ELT2TM221R25KT
	270	25X45	0.20	1.29	ELT2TM271P45KT
	270	30X35	0.20	1.30	ELT2TM271Q35KT
	270	35X30	0.20	1.38	ELT2TM271R30KT
	330	25X50	0.20	1.44	ELT2TM331P50KT
	330	30X40	0.20	1.48	ELT2TM331Q40KT
	330	35X35	0.20	1.54	ELT2TM331R35KT
	390	30X45	0.20	1.64	ELT2TM391Q45KT
	390	35X40	0.20	1.73	ELT2TM391R40KT
	470	30X45	0.20	1.70	ELT2TM471Q45KT
	470	30X50	0.20	1.84	ELT2TM471Q50KT
	470	35X45	0.20	1.94	ELT2TM471R45KT
	560	35X45	0.20	2.06	ELT2TM561R45KT
	560	35X50	0.20	2.17	ELT2TM561R50KT
	680	35X50	0.20	2.32	ELT2TM681R50KT
450	68	22X25	0.20	0.45	ELT2WM680O25KT
	68	22X30	0.20	0.50	ELT2WM680O30KT
	68	25X25	0.20	0.50	ELT2WM680P25KT
	82	22X25	0.20	0.59	ELT2WM820O25KT
	82	22X30	0.20	0.62	ELT2WM820O30KT
	100	22X30	0.20	0.69	ELT2WM101O30KT
	100	25X25	0.20	0.70	ELT2WM101P25KT
	120	22X30	0.20	0.74	ELT2WM121O30KT
	120	22X35	0.20	0.77	ELT2WM121O35KT
	120	25X25	0.20	0.74	ELT2WM121P25KT
	120	25X30	0.20	0.77	ELT2WM121P30KT
	150	22X35	0.20	0.86	ELT2WM151O35KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
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LT 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
450	150	22X40	0.20	0.88	ELT2WM151O40KT
	150	22X45	0.20	0.90	ELT2WM151O45KT
	150	25X30	0.20	0.88	ELT2WM151P30KT
	150	25X35	0.20	0.92	ELT2WM151P35KT
	150	30X25	0.20	0.93	ELT2WM151Q25KT
	180	22X45	0.20	0.98	ELT2WM181O45KT
	180	22X50	0.20	1.01	ELT2WM181O50KT
	180	25X30	0.20	1.00	ELT2WM181P30KT
	180	25X35	0.20	1.02	ELT2WM181P35KT
	180	25X40	0.20	1.03	ELT2WM181P40KT
	180	30X30	0.20	1.03	ELT2WM181Q30KT
	180	35X25	0.20	1.10	ELT2WM181R25KT
	220	22X50	0.20	1.14	ELT2WM221O50KT
	220	25X35	0.20	1.12	ELT2WM221P35KT
	220	25X40	0.20	1.14	ELT2WM221P40KT
	220	25X45	0.20	1.16	ELT2WM221P45KT
	220	30X30	0.20	1.16	ELT2WM221Q30KT
	220	30X35	0.20	1.17	ELT2WM221Q35KT
	220	30X40	0.20	1.20	ELT2WM221Q40KT
	220	35X30	0.20	1.24	ELT2WM221R30KT
	270	25X45	0.20	1.28	ELT2WM271P45KT
	270	25X50	0.20	1.31	ELT2WM271P50KT
	270	30X40	0.20	1.33	ELT2WM271Q40KT
	270	35X30	0.20	1.36	ELT2WM271R30KT
	270	35X35	0.20	1.39	ELT2WM271R35KT
	330	25X50	0.20	1.42	ELT2WM331P50KT
	330	25X55	0.20	1.48	ELT2WM331P55KT
	330	30X40	0.20	1.46	ELT2WM331Q40KT
	330	30X45	0.20	1.51	ELT2WM331Q45KT
	330	35X35	0.20	1.48	ELT2WM331R35KT
	330	35X40	0.20	1.51	ELT2WM331R40KT
	390	30X45	0.20	1.64	ELT2WM391Q45KT
	390	30X50	0.20	1.67	ELT2WM391Q50KT
	390	35X35	0.20	1.60	ELT2WM391R35KT
	390	35X45	0.20	1.77	ELT2WM391R45KT
	470	30X50	0.20	1.80	ELT2WM471Q50KT
	470	35X40	0.20	1.70	ELT2WM471R40KT
	470	35X45	0.20	1.84	ELT2WM471R45KT
	470	35X50	0.20	1.86	ELT2WM471R50KT
	560	30X55	0.20	1.80	ELT2WM561Q55KT
	560	30X60	0.20	1.92	ELT2WM561Q60KT
	560	35X45	0.20	1.80	ELT2WM561R45KT
	560	35X50	0.20	1.92	ELT2WM561R50KT
	560	35X55	0.20	1.94	ELT2WM561R55KT

LT 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
450	680	35X55	0.20	2.04	ELT2WM681R55KT
	680	35X60	0.20	2.10	ELT2WM681R60KT
	820	35X65	0.20	2.35	ELT2WM821R65KT
	820	35X70	0.20	2.40	ELT2WM821R70KT
	1,000	35X80	0.20	2.60	ELT2WM102R80KT
	1,000	40X65	0.20	2.60	ELT2WM102Y65PT
	1,500	45X83	0.20	3.00	ELT2WM152I83PT
500	47	22X25	0.20	0.35	ELT2HM470O25KT
	68	22X25	0.20	0.42	ELT2HM680O25KT
	82	25X25	0.20	0.60	ELT2HM820P25KT
	100	22X35	0.20	0.80	ELT2HM101O35KT
	100	25X30	0.20	0.80	ELT2HM101P30KT
	100	30X25	0.20	0.82	ELT2HM101Q25KT
	120	30X25	0.20	0.88	ELT2HM121Q25KT
	120	30X30	0.20	0.91	ELT2HM121Q30KT
	120	35X25	0.20	0.88	ELT2HM121R25KT
	150	30X30	0.20	1.00	ELT2HM151Q30KT
	150	30X35	0.20	1.04	ELT2HM151Q35KT
	150	35X30	0.20	1.04	ELT2HM151R30KT
	180	30X40	0.20	1.17	ELT2HM181Q40KT
	180	35X30	0.20	1.10	ELT2HM181R30KT
	220	25X50	0.20	1.21	ELT2HM221P50KT
	220	30X40	0.20	1.26	ELT2HM221Q40KT
	220	30X45	0.20	1.33	ELT2HM221Q45KT
	220	35X35	0.20	1.23	ELT2HM221R35KT
	270	30X50	0.20	1.50	ELT2HM271Q50KT
	270	35X40	0.20	1.42	ELT2HM271R40KT
	330	35X45	0.20	1.60	ELT2HM331R45KT
	330	35X50	0.20	1.64	ELT2HM331R50KT
	390	35X50	0.20	1.72	ELT2HM391R50KT
	470	35X60	0.20	1.80	ELT2HM471R60KT
550	120	30X30	0.20	0.91	ELT2JM121Q30KT
	150	30X35	0.20	1.04	ELT2JM151Q35KT
	180	30X40	0.20	1.17	ELT2JM181Q40KT
	180	35X30	0.20	1.10	ELT2JM181R30KT
	220	30X50	0.20	1.33	ELT2JM221Q50KT
	220	35X40	0.20	1.23	ELT2JM221R40KT
	270	35X45	0.20	1.42	ELT2JM271R45KT
	330	35X50	0.20	1.64	ELT2JM331R50KT
	390	35X55	0.20	1.85	ELT2JM391R55KT
	470	35X60	0.20	2.03	ELT2JM471R60KT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LX 系列/series

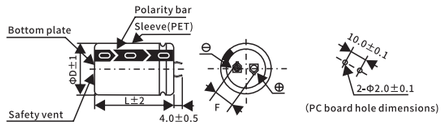
- 保证寿命：+105°C 7,000小时
  Endurance: 7,000 hours at 105°C
- 长寿命
  Long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

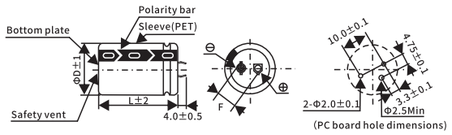
项目 Items	性能 Characteristics			
工作温度范围 Category Temperature Range	-25~+105°C			
额定电压范围 Rated Working Voltage Range	160~450V.DC			
静电容量允许偏差 Capacitance Tolerance	±20%(M)			(at 20°C,120Hz)
漏电流 Leakage Current	I≤3$\sqrt{CV}$ I：最大漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I：Max. leakage current (μA), C：Nominal capacitance (μF), V：Rated voltage (V)			(20°C，5 分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	160~400	420~450	(at 20°C,120Hz)
	损耗角正切（最大） Dissipation Factor(Max.)	0.15	0.20	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	160~250	315~450	(at 120Hz)
	Z(-25°C)/Z(+20°C)	4	8	
耐久性 Endurance	在105°C环境中，连续加载直流电压与额定纹波电流7,000小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 7,000 hours at 105°C.			
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的250% ≤250% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value		
高温贮存 Shelf Life	在105°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.			
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value		

尺寸图 DIMENSIONS [mm]

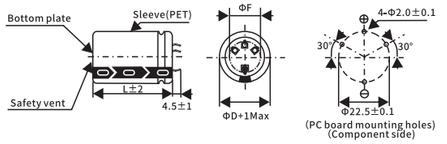
- 端子代码：K (Φ22 至 Φ35)：标准
  Terminal Code : K (Φ22 to Φ35) : Standard



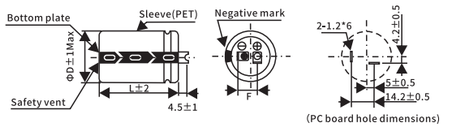
- 端子代码：T (Φ25 至 Φ35)：标准
  Terminal Code : T (Φ25 to Φ35) : Standard



- 端子代码：P (Φ35 至 Φ45)：标准
  Terminal Code : P (Φ35 to Φ45) : Standard



- 端子代码：L (Φ35)：标准
  Terminal Code : L (Φ35) : Standard



产品料号体系 PART NUMBERING SYSTEM

E LX 2G M 101 P25 K T

- T：套管代码："C" 代表PVC, "T" 代表PET/ Sleeve code:"C" for PVC, "T" for PET
- K：端子代码/Terminal code
- P25：尺寸代码/Size code
- 101：容量代码/Capacitance code
- M：静电容量允许偏差代码/Capacitance tolerance code
- 2G：电压代码/Voltage code
- LX：系列代码/Series code
- E：产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
160~250	1.00	1.32	1.45	1.50
315~450	1.00	1.30	1.41	1.43

LX 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
160	330	22X25	0.15	1.11	ELX2CM331O25KT
	390	22X30	0.15	1.26	ELX2CM391O30KT
	470	22X30	0.15	1.39	ELX2CM471O30KT
	470	25X25	0.15	1.38	ELX2CM471P25KT
	560	22X35	0.15	1.55	ELX2CM561O35KT
	560	25X30	0.15	1.55	ELX2CM561P30KT
	680	22X40	0.15	1.75	ELX2CM681O40KT
	680	25X35	0.15	1.78	ELX2CM681P35KT
	680	30X25	0.15	1.74	ELX2CM681Q25KT
	820	22X50	0.15	1.97	ELX2CM821O50KT
	820	25X40	0.15	2.01	ELX2CM821P40KT
	820	30X30	0.15	1.96	ELX2CM821Q30KT
	1,000	25X45	0.15	2.27	ELX2CM102P45KT
	1,000	30X35	0.15	2.26	ELX2CM102Q35KT
	1,200	25X50	0.15	2.54	ELX2CM122P50KT
	1,200	30X40	0.15	2.56	ELX2CM122Q40KT
	1,200	35X30	0.15	2.52	ELX2CM122R30KT
	1,500	30X45	0.15	2.96	ELX2CM152Q45KT
	1,500	35X35	0.15	2.89	ELX2CM152R35KT
	1,800	30X50	0.15	3.32	ELX2CM182Q50KT
	1,800	35X40	0.15	3.30	ELX2CM182R40KT
	2,200	35X50	0.15	3.50	ELX2CM222R50KT
180	270	22X25	0.15	1.00	ELX2LM271O25KT
	330	22X30	0.15	1.16	ELX2LM331O30KT
	390	22X30	0.15	1.26	ELX2LM391O30KT
	390	25X25	0.15	1.26	ELX2LM391P25KT
	470	22X35	0.15	1.42	ELX2LM471O35KT
	470	25X30	0.15	1.42	ELX2LM471P30KT
	560	22X40	0.15	1.59	ELX2LM561O40KT
	560	25X30	0.15	1.55	ELX2LM561P30KT
	560	30X25	0.15	1.58	ELX2LM561Q25KT
	680	22X45	0.15	1.79	ELX2LM681O45KT
	680	25X35	0.15	1.78	ELX2LM681P35KT
	680	30X30	0.15	1.79	ELX2LM681Q30KT
	820	25X40	0.15	2.01	ELX2LM821P40KT
	820	30X35	0.15	2.04	ELX2LM821Q35KT
	1,000	25X50	0.15	2.32	ELX2LM102P50KT
	1,000	30X35	0.15	2.26	ELX2LM102Q35KT
	1,000	35X30	0.15	2.30	ELX2LM102R30KT
	1,200	30X45	0.15	2.65	ELX2LM122Q45KT
	1,200	35X35	0.15	2.58	ELX2LM122R35KT
	1,500	30X50	0.15	3.03	ELX2LM152Q50KT
	1,500	35X40	0.15	3.01	ELX2LM152R40KT
	1,800	35X45	0.15	3.20	ELX2LM182R45KT

工业及变频家电系列
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■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
180	2,200	35X50	0.15	3.50	ELX2LM222R50KT
200	220	22X25	0.15	0.90	ELX2DM221O25KT
	270	22X30	0.15	1.05	ELX2DM271O30KT
	330	22X30	0.15	1.16	ELX2DM331O30KT
	330	25X25	0.15	1.16	ELX2DM331P25KT
	390	22X35	0.15	1.29	ELX2DM391O35KT
	390	25X30	0.15	1.29	ELX2DM391P30KT
	470	22X40	0.15	1.46	ELX2DM471O40KT
	470	25X30	0.15	1.42	ELX2DM471P30KT
	470	30X25	0.15	1.45	ELX2DM471Q25KT
	560	22X45	0.15	1.63	ELX2DM561O45KT
	560	25X35	0.15	1.62	ELX2DM561P35KT
	560	30X30	0.15	1.62	ELX2DM561Q30KT
	680	25X40	0.15	1.83	ELX2DM681P40KT
	680	30X30	0.15	1.79	ELX2DM681Q30KT
	820	25X45	0.15	2.06	ELX2DM821P45KT
	820	30X35	0.15	2.04	ELX2DM821Q35KT
	1,000	30X45	0.15	2.42	ELX2DM102Q45KT
	1,000	35X35	0.15	2.30	ELX2DM102R35KT
	1,200	30X50	0.15	2.71	ELX2DM122Q50KT
	1,200	35X40	0.15	2.70	ELX2DM122R40KT
	1,500	35X45	0.15	3.11	ELX2DM152R45KT
	1,800	35X50	0.15	3.30	ELX2DM182R50KT
220	220	22X25	0.15	0.90	ELX2NM221O25KT
	270	22X30	0.15	1.05	ELX2NM271O30KT
	330	22X35	0.15	1.19	ELX2NM331O35KT
	330	25X25	0.15	1.16	ELX2NM331P25KT
	390	22X40	0.15	1.33	ELX2NM391O40KT
	390	25X30	0.15	1.29	ELX2NM391P30KT
	470	22X45	0.15	1.49	ELX2NM471O45KT
	470	25X35	0.15	1.48	ELX2NM471P35KT
	470	30X25	0.15	1.45	ELX2NM471Q25KT
	560	22X50	0.15	1.63	ELX2NM561O50KT
	560	25X40	0.15	1.71	ELX2NM561P40KT
	560	30X30	0.15	1.62	ELX2NM561Q30KT
	680	25X45	0.15	1.87	ELX2NM681P45KT
	680	30X35	0.15	1.86	ELX2NM681Q35KT
	820	25X50	0.15	2.10	ELX2NM821P50KT
	820	30X40	0.15	2.12	ELX2NM821Q40KT
	820	35X30	0.15	2.08	ELX2NM821R30KT
	1,000	30X50	0.15	2.48	ELX2NM102Q50KT
	1,000	35X40	0.15	2.46	ELX2NM102R40KT
	1,200	35X45	0.15	2.78	ELX2NM122R45KT
	1,500	35X50	0.15	3.00	ELX2NM152R50KT

LX 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
250	180	22X25	0.15	0.82	ELX2EM181O25KT
	220	22X30	0.15	0.95	ELX2EM221O30KT
	270	22X35	0.15	1.08	ELX2EM271O35KT
	270	25X25	0.15	1.05	ELX2EM271P25KT
	330	22X40	0.15	1.22	ELX2EM331O40KT
	330	25X30	0.15	1.19	ELX2EM331P30KT
	390	22X45	0.15	1.36	ELX2EM391O45KT
	390	25X35	0.15	1.35	ELX2EM391P35KT
	390	30X25	0.15	1.32	ELX2EM391Q25KT
	470	22X50	0.15	1.49	ELX2EM471O50KT
	470	25X40	0.15	1.52	ELX2EM471P40KT
	470	30X30	0.15	1.49	ELX2EM471Q30KT
	560	25X45	0.15	1.70	ELX2EM561P45KT
	560	30X35	0.15	1.69	ELX2EM561Q35KT
	680	25X50	0.15	1.91	ELX2EM681P50KT
	680	30X40	0.15	1.93	ELX2EM681Q40KT
	680	35X30	0.15	1.90	ELX2EM681R30KT
	820	30X45	0.15	2.19	ELX2EM821Q45KT
	820	35X35	0.15	2.13	ELX2EM821R35KT
	1,000	35X40	0.15	2.46	ELX2EM102R40KT
	1,200	35X50	0.15	2.86	ELX2EM122R50KT
315	100	22X25	0.15	0.67	ELX2FM101O25KT
	120	22X30	0.15	0.77	ELX2FM121O30KT
	150	22X30	0.15	0.86	ELX2FM151O30KT
	150	25X25	0.15	0.85	ELX2FM151P25KT
	180	22X35	0.15	0.96	ELX2FM181O35KT
	180	25X30	0.15	0.96	ELX2FM181P30KT
	220	22X40	0.15	1.09	ELX2FM221O40KT
	220	25X30	0.15	1.06	ELX2FM221P30KT
	220	30X25	0.15	1.08	ELX2FM221Q25KT
	270	22X45	0.15	1.24	ELX2FM271O45KT
	270	25X35	0.15	1.23	ELX2FM271P35KT
	270	30X30	0.15	1.23	ELX2FM271Q30KT
	330	25X40	0.15	1.40	ELX2FM331P40KT
	330	30X35	0.15	1.42	ELX2FM331Q35KT
	330	35X30	0.15	1.45	ELX2FM331R30KT
	390	25X50	0.15	1.59	ELX2FM391P50KT
	390	30X35	0.15	1.54	ELX2FM391Q35KT
	390	35X30	0.15	1.57	ELX2FM391R30KT
	470	30X45	0.15	1.81	ELX2FM471Q45KT
	470	35X35	0.15	1.77	ELX2FM471R35KT
	560	30X50	0.15	2.03	ELX2FM561Q50KT
	560	35X40	0.15	2.02	ELX2FM561R40KT
	680	35X45	0.15	2.29	ELX2FM681R45KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LX 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
315	820	35X50	0.15	2.59	ELX2FM821R50KT
350	100	22X25	0.15	0.67	ELX2VM101O25KT
	120	22X30	0.15	0.77	ELX2VM121O30KT
	120	25X25	0.15	0.76	ELX2VM121P25KT
	150	22X35	0.15	0.88	ELX2VM151O35KT
	150	25X30	0.15	0.88	ELX2VM151P30KT
	180	22X40	0.15	0.99	ELX2VM181O40KT
	180	25X30	0.15	0.96	ELX2VM181P30KT
	180	30X25	0.15	0.98	ELX2VM181Q25KT
	220	22X45	0.15	1.12	ELX2VM221O45KT
	220	25X35	0.15	1.11	ELX2VM221P35KT
	220	30X30	0.15	1.11	ELX2VM221Q30KT
	270	25X40	0.15	1.26	ELX2VM271P40KT
	270	30X35	0.15	1.28	ELX2VM271Q35KT
	330	25X45	0.15	1.40	ELX2VM331P45KT
	330	30X35	0.15	1.42	ELX2VM331Q35KT
	330	35X30	0.15	1.45	ELX2VM331R30KT
	390	30X40	0.15	1.60	ELX2VM391Q40KT
	390	35X35	0.15	1.61	ELX2VM391R35KT
	470	30X50	0.15	1.86	ELX2VM471Q50KT
	470	35X40	0.15	1.85	ELX2VM471R40KT
	560	35X40	0.15	2.02	ELX2VM561R40KT
	680	35X50	0.15	2.36	ELX2VM681R50KT
	820	35X55	0.15	2.60	ELX2VM821R55KT
400	68	22X25	0.15	0.55	ELX2GM680O25KT
	82	22X30	0.15	0.63	ELX2GM820O30KT
	100	22X30	0.15	0.70	ELX2GM101O30KT
	100	25X25	0.15	0.70	ELX2GM101P25KT
	120	22X35	0.15	0.79	ELX2GM121O35KT
	120	25X30	0.15	0.79	ELX2GM121P30KT
	150	22X40	0.15	0.90	ELX2GM151O40KT
	150	25X30	0.15	0.88	ELX2GM151P30KT
	150	30X25	0.15	0.90	ELX2GM151Q25KT
	180	22X45	0.15	0.99	ELX2GM181O45KT
	180	25X35	0.15	1.01	ELX2GM181P35KT
	180	30X30	0.15	1.01	ELX2GM181Q30KT
	220	25X40	0.15	1.14	ELX2GM221P40KT
	220	30X35	0.15	1.16	ELX2GM221Q35KT
	270	25X50	0.15	1.32	ELX2GM271P50KT
	270	30X40	0.15	1.33	ELX2GM271Q40KT
	270	35X30	0.15	1.31	ELX2GM271R30KT
	330	25X45	0.15	1.35	ELX2GM331P45KT
	330	30X45	0.15	1.52	ELX2GM331Q45KT
	330	35X35	0.15	1.48	ELX2GM331R35KT

LX 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
400	390	30X50	0.15	1.69	ELX2GM391Q50KT
	390	35X40	0.15	1.68	ELX2GM391R40KT
	470	35X45	0.15	1.91	ELX2GM471R45KT
	560	35X50	0.15	2.14	ELX2GM561R50KT
420	56	22X25	0.20	0.50	ELX2TM560O25KT
	68	22X30	0.20	0.58	ELX2TM680O30KT
	82	22X30	0.20	0.63	ELX2TM820O30KT
	82	25X25	0.20	0.63	ELX2TM820P25KT
	100	22X35	0.20	0.72	ELX2TM101O35KT
	100	25X30	0.20	0.72	ELX2TM101P30KT
	120	22X40	0.20	0.81	ELX2TM121O40KT
	120	25X30	0.20	0.79	ELX2TM121P30KT
	120	30X25	0.20	0.80	ELX2TM121Q25KT
	150	22X45	0.20	0.92	ELX2TM151O45KT
	150	25X35	0.20	0.92	ELX2TM151P35KT
	150	30X30	0.20	0.92	ELX2TM151Q30KT
	180	25X40	0.20	1.03	ELX2TM181P40KT
	180	30X35	0.20	1.05	ELX2TM181Q35KT
	220	25X50	0.20	1.19	ELX2TM221P50KT
	220	30X35	0.20	1.16	ELX2TM221Q35KT
	220	35X30	0.20	1.18	ELX2TM221R30KT
	270	30X45	0.20	1.38	ELX2TM271Q45KT
	270	35X35	0.20	1.34	ELX2TM271R35KT
	330	30X50	0.20	1.56	ELX2TM331Q50KT
	330	35X40	0.20	1.55	ELX2TM331R40KT
	390	35X45	0.20	1.74	ELX2TM391R45KT
	470	35X50	0.20	1.96	ELX2TM471R50KT
450	47	22X25	0.20	0.46	ELX2WM470O25KT
	56	22X30	0.20	0.52	ELX2WM560O30KT
	68	22X30	0.20	0.58	ELX2WM680O30KT
	68	25X25	0.20	0.58	ELX2WM680P25KT
	82	22X35	0.20	0.65	ELX2WM820O35KT
	82	25X30	0.20	0.65	ELX2WM820P30KT
	100	22X40	0.20	0.74	ELX2WM101O40KT
	100	25X30	0.20	0.72	ELX2WM101P30KT
	100	30X25	0.20	0.73	ELX2WM101Q25KT
	120	22X45	0.20	0.83	ELX2WM121O45KT
	120	25X35	0.20	0.82	ELX2WM121P35KT
	120	30X30	0.20	0.82	ELX2WM121Q30KT
	150	25X40	0.20	0.94	ELX2WM151P40KT
	150	30X35	0.20	0.96	ELX2WM151Q35KT
	180	25X45	0.20	1.06	ELX2WM181P45KT
	180	30X35	0.20	1.05	ELX2WM181Q35KT
	180	35X30	0.20	1.07	ELX2WM181R30KT

LX 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
450	220	30X40	0.20	1.20	ELX2WM221Q40KT
	220	35X35	0.20	1.21	ELX2WM221R35KT
	270	30X50	0.20	1.41	ELX2WM271Q50KT
	270	35X40	0.20	1.40	ELX2WM271R40KT
	330	35X45	0.20	1.60	ELX2WM331R45KT
	390	35X50	0.20	1.79	ELX2WM391R50KT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LB 系列/series

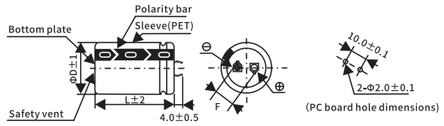
- 保证寿命：+105℃ 10,000小时
  Endurance: 10,000 hours at 105℃
- 高可靠性、超长寿命
  High reliability, extremely long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

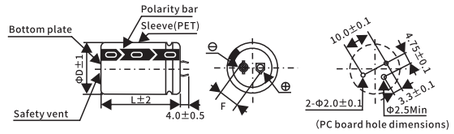
项目 Items	性能 Characteristics			
工作温度范围 Category Temperature Range	-25~+105℃			
额定电压范围 Rated Working Voltage Range	200~450V.DC			
静电容量允许偏差 Capacitance Tolerance	±20%(M)			(at 20°C,120Hz)
漏电流 Leakage Current	I≤3.√CV I：最大漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)			(20℃，5 分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	200~400	420~450	(at 20°C,120Hz)
	损耗角正切(最大) Dissipation Factor(Max.)	0.15	0.20	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	200~250	315~450	(at 120Hz)
	Z(-25℃)/Z(+20℃)	4	8	
耐久性 Endurance	在105℃环境中，连续加载直流电压与额定纹波电流10,000小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 10,000 hours at 105°C.			
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的250% ≤250% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value		
高温贮存 Shelf Life	在105℃环境中，无负荷放置1,000 小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied.			
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value		
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value		
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value		

尺寸图 DIMENSIONS [mm]

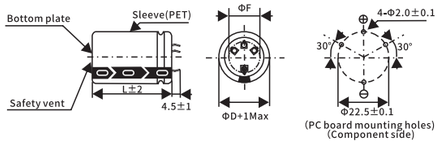
- 端子代码：K (Φ22 至 Φ35)：标准
  Terminal Code : K (Φ22 to Φ35) : Standard



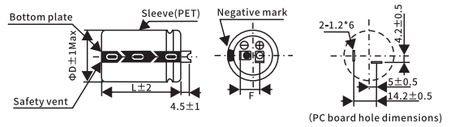
- 端子代码：T (Φ25 至 Φ35)：标准
  Terminal Code : T (Φ25 to Φ35) : Standard



- 端子代码：P (Φ35 至 Φ45)：标准
  Terminal Code : P (Φ35 to Φ45) : Standard



- 端子代码：L (Φ35)：标准
  Terminal Code : L (Φ35) : Standard



产品料号体系 PART NUMBERING SYSTEM

E LB 2G M 101 P30 K T

- T：套管代码："C" 代表PVC, "T" 代表PET/ Sleeve code:"C" for PVC, "T" for PET
- K：端子代码/Terminal code
- P30：尺寸代码/Size code
- 101：容量代码/Capacitance code
- M：静电容量允许偏差代码/Capacitance tolerance code
- 2G：电压代码/Voltage code
- LB：系列代码/Series code
- E：产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
200~250	1.00	1.32	1.45	1.50
315~450	1.00	1.30	1.41	1.43

LB 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
200	220	22X25	0.15	1.01	ELB2DM221O25KT
	270	22X30	0.15	1.09	ELB2DM271O30KT
	270	25X25	0.15	1.12	ELB2DM271P25KT
	330	22X30	0.15	1.21	ELB2DM331O30KT
	330	25X25	0.15	1.21	ELB2DM331P25KT
	390	22X35	0.15	1.32	ELB2DM391O35KT
	390	25X30	0.15	1.29	ELB2DM391P30KT
	390	30X25	0.15	1.31	ELB2DM391Q25KT
	470	22X40	0.15	1.41	ELB2DM471O40KT
	470	25X35	0.15	1.42	ELB2DM471P35KT
	470	30X30	0.15	1.40	ELB2DM471Q30KT
	560	22X45	0.15	1.52	ELB2DM561O45KT
	560	25X35	0.15	1.51	ELB2DM561P35KT
	560	30X30	0.15	1.52	ELB2DM561Q30KT
	680	25X40	0.15	1.72	ELB2DM681P40KT
	680	30X35	0.15	1.71	ELB2DM681Q35KT
	820	25X50	0.15	2.01	ELB2DM821P50KT
	820	30X40	0.15	2.02	ELB2DM821Q40KT
	820	35X30	0.15	2.01	ELB2DM821R30KT
	1,000	30X45	0.15	2.20	ELB2DM102Q45KT
	1,000	35X35	0.15	2.21	ELB2DM102R35KT
	1,200	30X50	0.15	2.32	ELB2DM122Q50KT
	1,200	35X40	0.15	2.31	ELB2DM122R40KT
	1,500	35X50	0.15	2.51	ELB2DM152R50KT
250	180	22X30	0.15	0.91	ELB2EM181O30KT
	180	25X25	0.15	0.90	ELB2EM181P25KT
	220	22X30	0.15	1.01	ELB2EM221O30KT
	220	25X25	0.15	1.00	ELB2EM221P25KT
	270	22X35	0.15	1.11	ELB2EM271O35KT
	270	25X30	0.15	1.10	ELB2EM271P30KT
	270	30X25	0.15	1.12	ELB2EM271Q25KT
	330	22X40	0.15	1.20	ELB2EM331O40KT
	330	25X35	0.15	1.21	ELB2EM331P35KT
	330	30X25	0.15	1.20	ELB2EM331Q25KT
	390	22X45	0.15	1.30	ELB2EM391O45KT
	390	25X35	0.15	1.32	ELB2EM391P35KT
	390	30X30	0.15	1.33	ELB2EM391Q30KT
	470	25X45	0.15	1.40	ELB2EM471P45KT
	470	30X35	0.15	1.42	ELB2EM471Q35KT
	470	35X30	0.15	1.40	ELB2EM471R30KT
	560	25X50	0.15	1.51	ELB2EM561P50KT
	560	30X35	0.15	1.50	ELB2EM561Q35KT
	560	35X30	0.15	1.52	ELB2EM561R30KT
	680	30X45	0.15	1.72	ELB2EM681Q45KT

LB 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
250	680	35X35	0.15	1.71	ELB2EM681R35KT
	820	30X50	0.15	2.01	ELB2EM821Q50KT
	820	35X40	0.15	2.01	ELB2EM821R40KT
	1,000	35X45	0.15	2.22	ELB2EM102R45KT
	1,200	35X50	0.15	2.32	ELB2EM122R50KT
400	68	22X25	0.15	0.55	ELB2GM680O25KT
	82	22X30	0.15	0.64	ELB2GM820O30KT
	82	25X25	0.15	0.64	ELB2GM820P25KT
	100	22X30	0.15	0.70	ELB2GM101O30KT
	100	25X25	0.15	0.69	ELB2GM101P25KT
	120	22X35	0.15	0.75	ELB2GM121O35KT
	120	25X30	0.15	0.75	ELB2GM121P30KT
	150	22X40	0.15	0.82	ELB2GM151O40KT
	150	25X30	0.15	0.82	ELB2GM151P30KT
	150	30X25	0.15	0.82	ELB2GM151Q25KT
	180	22X45	0.15	0.90	ELB2GM181O45KT
	180	25X35	0.15	0.90	ELB2GM181P35KT
	180	30X30	0.15	0.90	ELB2GM181Q30KT
	220	25X40	0.15	1.01	ELB2GM221P40KT
	220	30X35	0.15	1.02	ELB2GM221Q35KT
	220	35X25	0.15	1.00	ELB2GM221R25KT
	270	30X40	0.15	1.15	ELB2GM271Q40KT
	270	35X30	0.15	1.13	ELB2GM271R30KT
	330	30X45	0.15	1.29	ELB2GM331Q45KT
	330	35X35	0.15	1.26	ELB2GM331R35KT
	390	35X40	0.15	1.43	ELB2GM391R40KT
	470	35X45	0.15	1.60	ELB2GM471R45KT
450	47	22X25	0.20	0.40	ELB2WM470O25KT
	56	22X25	0.20	0.47	ELB2WM560O25KT
	68	22X30	0.20	0.53	ELB2WM680O30KT
	68	25X25	0.20	0.53	ELB2WM680P25KT
	82	22X30	0.20	0.56	ELB2WM820O30KT
	82	25X25	0.20	0.56	ELB2WM820P25KT
	100	22X35	0.20	0.64	ELB2WM101O35KT
	100	25X30	0.20	0.64	ELB2WM101P30KT
	100	30X25	0.20	0.64	ELB2WM101Q25KT
	120	25X35	0.20	0.72	ELB2WM121P35KT
	120	30X25	0.20	0.72	ELB2WM121Q25KT
	150	25X40	0.20	0.79	ELB2WM151P40KT
	150	30X30	0.20	0.79	ELB2WM151Q30KT
	180	30X35	0.20	0.87	ELB2WM181Q35KT
	220	30X40	0.20	1.04	ELB2WM221Q40KT
	220	35X30	0.20	1.02	ELB2WM221R30KT
	270	35X35	0.20	1.16	ELB2WM271R35KT

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

LB 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/105°C,120Hz)	料号 Part Number
450	330	35X40	0.20	1.32	ELB2WM331R40KT
	390	35X45	0.20	1.48	ELB2WM391R45KT
	470	35X50	0.20	1.64	ELB2WM471R50KT
	560	35X60	0.20	1.97	ELB2WM561R60KT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

LE 系列/series

New

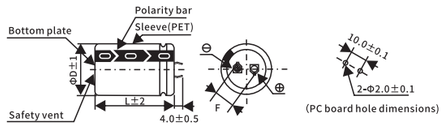
- 保证寿命:+125℃ 3,000小时
  Endurance: 3,000 hours at 125℃
- 超高温，长寿命
  Ultra high temperature, long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

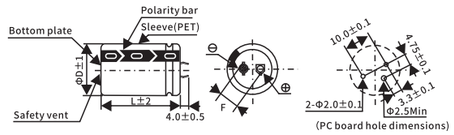
项目 Items	性能 Characteristics		
工作温度范围 Category Temperature Range	-40~+125℃		
额定电压范围 Rated Working Voltage Range	400~450V.DC		
静电容量允许偏差 Capacitance Tolerance	±20%(M)		(at 20℃,120Hz)
漏电流 Leakage Current	I≤3√CV I：最大漏电流 (μA)，C：静电容量 (μF)，V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)		(20℃，5 分钟) (at 20℃ after 5 minutes)
损耗角正切值 Dissipation Factor	额定电压 Rated Voltage (Vdc)	400~450	(at 20℃,120Hz)
	损耗角正切（最大） Dissipation Factor(Max.)	0.20	
低温特性 (最大阻抗比) Low Temperature Characteristics (Max. Impedance Ratio)	额定电压 Rated Voltage (Vdc)	400~450	(at 120Hz)
	Z(-25℃)/Z(+20℃)	6	
	Z(-40℃)/Z(+20℃)	8	
耐久性 Endurance	在125℃环境中，连续加载直流电压与额定纹波电流3,000小时后，待温度恢复到20℃进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus the rated ripple current is applied for 3,000 hours at 125℃.		
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value	
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value	
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value	
高温贮存 Shelf Life	在125℃环境中，无负荷放置1,000 小时后，待温度恢复到20℃进行测量时，应满足以下要求。测量前，应根据 JIS C 5101-4 第 4.1 项的规定施加电压，对电容器进行预处理。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 125℃ without voltage applied.Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4.		
	静电容量变化率 Capacitance Change	≤初始值的±15% ≤±15% of the initial value	
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value	
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value	

尺寸图 DIMENSIONS [mm]

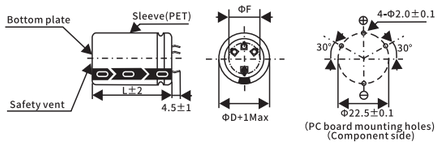
- 端子代码：K (Φ22 至 Φ35)：标准
  Terminal Code : K (Φ22 to Φ35) : Standard



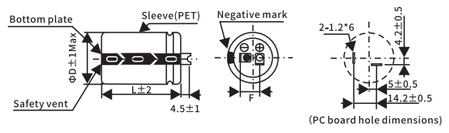
- 端子代码：T (Φ25 至 Φ35)：标准
  Terminal Code : T (Φ25 to Φ35) : Standard



- 端子代码：P (Φ35 至 Φ45)：标准
  Terminal Code : P (Φ35 to Φ45) : Standard



- 端子代码：L (Φ35)：标准
  Terminal Code : L (Φ35) : Standard



产品料号体系 PART NUMBERING SYSTEM

E LE 2G M 681 R50 K T

- T：套管代码："C" 代表PVC, "T" 代表PET/ Sleeve code:"C" for PVC, "T" for PET
- K：端子代码/Terminal code
- R50：尺寸代码/Size code
- 681：容量代码/Capacitance code
- M：静电容量允许偏差代码/Capacitance tolerance code
- 2G：电压代码/Voltage code
- LE：系列代码/Series code
- E：产品分类/Category code

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current (Hz)

W.V	120	1k	10K	100K
400~450	1.00	1.30	1.41	1.43

LE 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	额定纹波电流 Rated Ripple Current (Arms/125°C,120Hz)	料号 Part Number
400	270	30X30	0.20	1.24	ELE2GM271Q30KT
	330	30X35	0.20	1.41	ELE2GM331Q35KT
	330	35X30	0.20	1.48	ELE2GM331R30KT
	390	30X40	0.20	1.57	ELE2GM391Q40KT
	390	30X45	0.20	1.61	ELE2GM391Q45KT
	390	35X35	0.20	1.64	ELE2GM391R35KT
	470	30X50	0.20	1.80	ELE2GM471Q50KT
	470	35X50	0.20	2.00	ELE2GM471R50KT
	560	30X55	0.20	2.16	ELE2GM561Q55KT
	560	30X60	0.20	2.18	ELE2GM561Q60KT
	560	35X45	0.20	2.26	ELE2GM561R45KT
	680	35X50	0.20	2.50	ELE2GM681R50KT
	680	35X55	0.20	2.67	ELE2GM681R55KT
	820	35X60	0.20	3.02	ELE2GM821R60KT
450	220	30X30	0.20	1.12	ELE2WM221Q30KT
	270	30X35	0.20	1.27	ELE2WM271Q35KT
	270	30X40	0.20	1.31	ELE2WM271Q40KT
	270	35X30	0.20	1.34	ELE2WM271R30KT
	330	30X45	0.20	1.48	ELE2WM331Q45KT
	330	35X35	0.20	1.51	ELE2WM331R35KT
	390	30X45	0.20	1.60	ELE2WM391Q45KT
	390	35X40	0.20	1.70	ELE2WM391R40KT
	470	28X60	0.20	2.70	ELE2WM471J60KT
	470	30X55	0.20	2.72	ELE2WM471Q55KT
	470	30X60	0.20	2.74	ELE2WM471Q60KT
	470	35X45	0.20	2.78	ELE2WM471R45KT
	560	35X50	0.20	2.80	ELE2WM561R50KT
	560	35X55	0.20	2.85	ELE2WM561R55KT
	680	35X60	0.20	2.92	ELE2WM681R60KT

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

NR 系列/series

- 保证寿命：+85℃ 2,000小时
  Endurance : 2,000 hours at 85℃
- 符合RoHS
  RoHS Compliant
- 标准品
  Standard

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics	
工作温度范围 Category Temperature Range	-25~+85℃	
额定电压范围 Rated Working Voltage Range	350~550V.DC	
静电容量允许偏差 Capacitance Tolerance	±20%(M)	(at 20°C,120Hz)
漏电流 Leakage Current	I=0.02CV [uA] 或 5mA 中的较小值 I=0.02CV [uA] or 5mA, whichever is smaller. I: 最大漏电流 (μA), C : 静电容量 (μF), V : 额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	(20℃, 5分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	0.20	(at 20°C,120Hz)
低温特性 Low Temperature Characteristics	静电容量变化率 C(-25°C)/C(+20°C)≥0.7 Capacitance Change C(-25°C)/C(+20°C)≥0.7	(at 120Hz)
耐久性 Endurance	当电容器在85°C下施加直流电压加额定纹波电流2,000小时后恢复到20°C时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 2,000 hours at 85°C.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value
高温贮存 Shelf Life	在85°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 85°C without voltage applied.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value
	漏电流 Leakage Current	≤初始规格值的200% ≤200% of the initial specified value

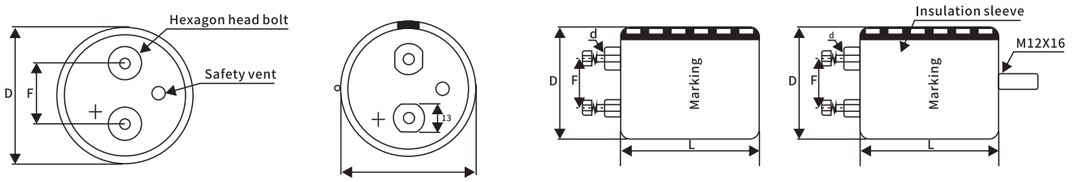
产品料号体系 PART NUMBERING SYSTEM

E NR 2G M 472 UB5 A ** C

- C：套管代码："C" 代表PVC, "T" 代表PET / Sleeve code:"C" for PVC, "T" for PET
- **：内部代码Internal code
- A：端子代码Terminal code
- UB5：尺寸代码Size code
- 472：容量代码Capacitance code
- M：静电容量允许偏差代码Capacitance tolerance code
- 2G：电压代码Voltage code
- NR：系列代码Series code
- E：类别代码Category code

端子代码 Terminal code	内部代码 Internal code	规格 Specification
A	00	环形夹安装标准设计 Ring clip mounting standard design
B	00	螺纹双头螺栓标准设计 Threaded stud standard design
S	00	环形夹安装特殊设计 Ring clip mounting special design
T	00	螺纹双头螺栓特殊设计 Threaded stud special design

尺寸图 DIMENSIONS [mm]



D	$51.6^{+1}_{-0.8}$	$64.3^{+1}_{-0.8}$	$76.9^{+1}_{-0.7}$	91^{+1}_{-2}	100^{+1}_{-2}
$F^{+0.2}_{-0.4}$	22.2	28.5	31.7	31.7	41.4
d	M5	M5	M6 or M5	M6 or M5	M6
L	L+3Max				

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率(Hz) Frequency(Hz)	50	120	300	1K	10K
系数 Coefficient	0.8	1.0	1.1	1.3	1.4

NR 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	ESR typ. 120Hz 20°C mΩ	ESR max. 120Hz 20°C mΩ	额定纹波电流 Rated Ripple Current (mArms/85°C,100kHz)	料号 Part Number
350	1,000	51.6×65	0.20	82	123	3.6	ENR2VM102S65*00C
	2,200	51.6×105	0.20	51	77	7.6	ENR2VM222SA5*00C
	2,700	64.3×96	0.20	46	68	8.9	ENR2VM272T96*00C
	3,300	64.3×105	0.20	35	52	10	ENR2VM332TA5*00C
	3,900	64.3×115	0.20	31	46	11.4	ENR2VM392TB5*00C
	4,700	76.9×105	0.20	28	42	13.5	ENR2VM472UA5*00C
	5,600	76.9×115	0.20	24	35	15.4	ENR2VM562UB5*00C
	6,800	76.9×143	0.20	21	31	17.3	ENR2VM682UE3*00C
	8,200	76.9×168	0.20	18	27	19.8	ENR2VM822UG8*00C
	10,000	91×157	0.20	15	22	23.7	ENR2VM103VF7*00C
	12,000	91×168	0.20	13	19	24.3	ENR2VM123VG8*00C
	15,000	91×196	0.20	11	16	29.2	ENR2VM153VJ6*00C
400	1,000	51.6×65	0.20	88	131	3.7	ENR2GM102S65*00C
	2,200	51.6×115	0.20	58	87	7.5	ENR2GM222SB5*00C
	2,700	64.3×96	0.20	47	71	9	ENR2GM272T96*00C
	3,300	64.3×115	0.20	39	58	10.6	ENR2GM332TB5*00C
	3,900	64.3×130	0.20	33	49	12.5	ENR2GM392TD0*00C
	3,900	64.3×115	0.20	34	50	12	ENR2GM392TB5*00C
	4,700	76.9×115	0.20	30	45	14.1	ENR2GM472UB5*00C
	4,700	76.9×113	0.20	30	45	14	ENR2GM472UB3*00C
	4,700	76.9×105	0.20	32	47	13.5	ENR2GM472UA5*00C
	4,700	64.3×130	0.20	34	49	13	ENR2GM472TD0*00C
	5,600	76.9×130	0.20	26	39	16.8	ENR2GM562UD0*00C
	5,600	76.9×115	0.20	27	40	16.5	ENR2GM562UB5*00C
	6,800	76.9×130	0.20	26	37	17	ENR2GM682UD0*00C
	6,800	76.9×143	0.20	25	36	17.4	ENR2GM682UE3*00C
	6,800	76.9×155	0.20	24	35	17.6	ENR2GM682UF5*00C
	8,200	76.9×155	0.20	20	30	20.5	ENR2GM822UF5*00C
	8,200	91×157	0.20	19	29	21.5	ENR2GM822VF7*00C
	10,000	91×157	0.20	17	26	22.8	ENR2GM103VF7*00C
	10,000	91×155	0.20	17	27	22	ENR2GM103VF5*00C
	10,000	91×130	0.20	18	28	21.3	ENR2GM103VD0*00C
	12,000	91×157	0.20	17	25	24.5	ENR2GM123VF7*00C
	12,000	91×196	0.20	15	22	26.6	ENR2GM123VJ6*00C
	15,000	91×220	0.20	13	18	27.4	ENR2GM153VM0*00C
	15,000	91×196	0.20	14	19	26	ENR2GM153VJ6*00C
450	1,800	51.6×130	0.20	68	102	6.5	ENR2WM182SD0*00C
	2,200	64.3×96	0.20	56	83	7.8	ENR2WM222T96*00C
	2,700	64.3×115	0.20	45	68	8.8	ENR2WM272TB5*00C
	3,300	64.3×130	0.20	37	55	10.7	ENR2WM332TD0*00C
	3,900	76.9×115	0.20	31	46	12	ENR2WM392UB5*00C
	3,900	64.3×130	0.20	33	47	11.5	ENR2WM392TD0*00C
	4,700	76.9×130	0.20	27	41	14.1	ENR2WM472UD0*00C
	4,700	76.9×115	0.20	28	42	14	ENR2WM472UB5*00C

螺丝端子型电容器
Screw Terminal Type Capacitor

NR 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	ESR typ. 120Hz 20°C mΩ	ESR max. 120Hz 20°C mΩ	额定纹波电流 Rated Ripple Current (mArms/85°C,120kHz)	料号 Part Number
450	5,600	76.9×155	0.20	25	38	16	ENR2WM562UF5*00C
	5,600	76.9×130	0.20	26	39	15.5	ENR2WM562UD0*00C
	6,800	76.9×155	0.20	21	31	18.5	ENR2WM682UF5*00C
	6,800	76.9×143	0.20	22	32	18	ENR2WM682UE3*00C
	8,200	91×157	0.20	17	28	19.1	ENR2WM822VF7*00C
	8,200	76.9×155	0.20	18	30	19	ENR2WM822UF5*00C
	10,000	91×196	0.20	13	25	21.2	ENR2WM103VJ6*00C
	10,000	91×157	0.20	14	26	21	ENR2WM103VF7*00C
	12,000	91×220	0.20	11	22	23.7	ENR2WM123VM0*00C
500	2,200	64.3×115	0.25	54	80	7.3	ENR2HM222TB5*00C
	2,700	64.3×130	0.25	43	64	8.5	ENR2HM272TD0*00C
	3,300	76.9×115	0.25	36	53	10	ENR2HM332UB5*00C
	3,900	76.9×130	0.25	30	47	11.4	ENR2HM392UD0*00C
	4,700	76.9×155	0.25	27	40	13.3	ENR2HM472UF5*00C
	5,600	91×157	0.25	25	38	14.8	ENR2HM562VF7*00C
	8,200	91×196	0.25	16	26	18.1	ENR2HM822VJ6*00C
	10,000	91×220	0.25	15	24	22.2	ENR2HM103VM0*00V
550	1,500	64.3×115	0.30	60	95	7	ENR2JM152TB5*00C
	2,200	76.9×105	0.30	52	78	8.1	ENR2JM222UA5*00C
	2,700	76.9×115	0.30	42	62	9	ENR2JM272UB5*00C
	3,300	76.9×130	0.30	35	51	10.5	ENR2JM332UD0*00C
	3,900	76.9×155	0.30	29	45	11	ENR2JM392UF5*00C
	4,700	91×157	0.30	26	38	12.9	ENR2JM472VF7*00C

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

NS 系列/series

- 保证寿命：+105℃ 2,000小时
  Endurance : 2,000 hours at 105℃
- 符合RoHS
  RoHS Compliant
- 标准品
  Standard

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics		
工作温度范围 Category Temperature Range	-25~+105℃		
额定电压范围 Rated Working Voltage Range	350~450V.DC		
静电容量允许偏差 Capacitance Tolerance	±20%(M)		(at 20℃,120Hz)
漏电流 Leakage Current	I=0.02CV [uA] 或 5mA 中的较小值 I=0.02CV [uA] or 5mA, whichever is smaller. I：最大漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)		(20℃, 5分钟) (at 20℃ after 5 minutes)
损耗角正切值 Dissipation Factor	0.20		(at 20℃,120Hz)
低温特性 Low Temperature Characteristics	静电容量变化率 C(-25℃)/C(+20℃)≥0.7 Capacitance Change C(-25℃)/C(+20℃)≥0.7		(at 120Hz)
耐久性 Endurance	当电容器在105℃下施加直流电压加额定纹波电流5,000小时后恢复到20℃时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus the rated ripple current is applied for 5,000 hours at 105℃.		
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value	
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value	
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value	
高温贮存 Shelf Life	在105°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 105°C without voltage applied.		
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value	
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value	
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value	

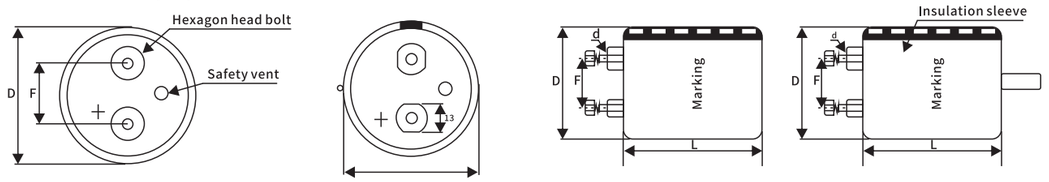
产品料号体系 PART NUMBERING SYSTEM

E NS 2G M 472 UB5 A ** C

- C：套管代码："C" 代表PVC, "T" 代表PET
  Sleeve code:"C" for PVC, "T" for PET
- **：内部代码Internal code
- A：端子代码Terminal code
- UB5：尺寸代码Size code
- 472：容量代码Capacitance code
- M：静电容量允许偏差代码Capacitance tolerance code
- 2G：电压代码Voltage code
- NS：系列代码Series code
- E：类别代码Category code

端子代码 Terminal code	内部代码 Internal code	规格 Specification
A	00	环形夹安装标准设计 Ring clip mounting standard design
B	00	螺纹双头螺栓标准设计 Threaded stud standard design
S	00	环形夹安装特殊设计 Ring clip mounting special design
T	00	螺纹双头螺栓特殊设计 Threaded stud special design

尺寸图 DIMENSIONS [mm]



D	$51.6^{+1}_{-0.8}$	$64.3^{+1}_{-0.8}$	$76.9^{+1}_{-0.7}$	91^{+1}_{-2}	100^{+1}_{-2}
$F^{+0.2}_{-0.4}$	22.2	28.5	31.7	31.7	41.4
d	M5	M5	M6 or M5	M6 or M5	M6
L	L+3Max				

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率 (Hz) Frequency(Hz)	50	120	300	1K	10K
系数 Coefficient	0.8	1.0	1.1	1.3	1.4

螺丝端子型电容器
Screw Terminal Type Capacitor

NS 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	ESR typ. 120Hz 20°C mΩ	ESR max. 120Hz 20°C mΩ	额定纹波电流 Rated Ripple Current (mArms/105°C,120kHz)	料号 Part Number
350	1,000	51.6 × 80	0.20	108	157	2.6	ENS2VM102S80*00C
	1,500	51.6 × 80	0.20	79	116	3.2	ENS2VM152S80*00C
	2,200	51.6 × 96	0.20	57	81	4.2	ENS2VM222S96*00C
	3,300	64.3 × 105	0.20	43	59	5.1	ENS2VM332TA5*00C
	3,900	64.3 × 115	0.20	39	54	6.7	ENS2VM392TB5*00C
	4,700	64.3 × 143	0.20	35	48	7.2	ENS2VM472TE3*00C
	5,600	76.9 × 130	0.20	30	40	8.5	ENS2VM562UD0*00C
	6,800	76.9 × 143	0.20	27	36	10	ENS2VM682UE3*00C
	8,200	76.9 × 168	0.20	23	31	11.7	ENS2VM822UG8*00C
	10,000	76.9 × 196	0.20	19	28	14.3	ENS2VM103UJ6*00C
	12,000	76.9 × 220	0.20	17	25	16.8	ENS2VM123UM0*00C
	15,000	91 × 196	0.20	16	24	18.3	ENS2VM153VJ6*00C
400	1,000	51.6 × 80	0.20	109	158	3	ENS2GM102S80*00C
	1,500	51.6 × 96	0.20	75	107	3.7	ENS2GM152S96*00C
	2,200	64.3 × 105	0.20	35	76	4.6	ENS2GM222TA5*00C
	3,300	64.3 × 130	0.20	31	53	6.4	ENS2GM332TD0*00C
	3,300	64.3 × 115	0.20	32	54	6	ENS2GM332TB5*00C
	3,900	76.9 × 115	0.20	28	46	7.9	ENS2GM392UB5*00C
	3,900	64.3 × 130	0.20	29	47	7.5	ENS2GM392TD0*00C
	4,700	76.9 × 130	0.20	23	40	8.5	ENS2GM472UD0*00C
	4,700	76.9 × 115	0.20	24	41	8	ENS2GM472UB5*00C
	5,600	76.9 × 143	0.20	21	36	9.8	ENS2GM562UE3*00C
	5,600	76.9 × 130	0.20	22	37	9.5	ENS2GM562UD0*00C
	6,800	76.9 × 168	0.20	14	31	10.5	ENS2GM682UG8*00C
	6,800	76.9 × 155	0.20	15	32	10.2	ENS2GM682UF5*00C
	8,200	76.9 × 155	0.20	14	30	13.3	ENS2GM822UF5*00C
	10,000	76.9 × 220	0.20	12	25	17.5	ENS2GM103UM0*00C
	10,000	91 × 157	0.20	12	25	17.5	ENS2GM103VF7*00C
	12,000	91 × 196	0.20	11	23	21.3	ENS2GM123VJ6*00C
450	1,000	51.6 × 105	0.20	95	153	4.3	ENS2WM102SA5*00C
	1,500	51.6 × 115	0.20	63	102	5.8	ENS2WM152SB5*00C
	2,200	64.3 × 115	0.20	43	75	7.3	ENS2WM222TB5*00C
	3,300	76.9 × 100	0.20	27	51	10.1	ENS2WM332UA0*00C
	3,900	76.9 × 115	0.20	23	45	10.9	ENS2WM392UB5*00C
	4,700	76.9 × 130	0.20	20	40	12.7	ENS2WM472UD0*00C
	5,600	76.9 × 143	0.20	17	36	15.9	ENS2WM562UE3*00C
	6,800	76.9 × 155	0.20	14	32	16.4	ENS2WM682UF5*00C
	8,200	91 × 157	0.20	11	24	17	ENS2WM822VF7*00C
	10,000	91 × 220	0.20	9	21	18.8	ENS2WM103VM0*00C

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

NX 系列/series

- 保证寿命：+85℃ 5,000小时
  Endurance : 5,000 hours at 85°C
- 符合RoHS
  RoHS Compliant
- 高纹波，长寿命
  High ripple current, long life

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics	
工作温度范围 Category Temperature Range	-25~+85°C	
额定电压范围 Rated Working Voltage Range	350~500V.DC	
静电容量允许偏差 Capacitance Tolerance	±20%(M)	(at 20°C,120Hz)
漏电流 Leakage Current	I=0.02CV [uA] 或 5mA 中的较小值 I=0.02CV [uA] or 5mA, whichever is smaller. I：最大漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	(20°C, 5分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	0.20	(at 20°C,120Hz)
低温特性 Low Temperature Characteristics	静电容量变化率 C(-25°C)/C(+20°C)≥0.7 Capacitance Change C(-25°C)/C(+20°C)≥0.7	(at 120Hz)
耐久性 Endurance	当电容器在85°C下施加直流电压加额定纹波电流5,000小时后恢复到20°C时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 5,000 hours at 85°C.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value
高温贮存 Shelf Life	在85°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 85°C without voltage applied.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value

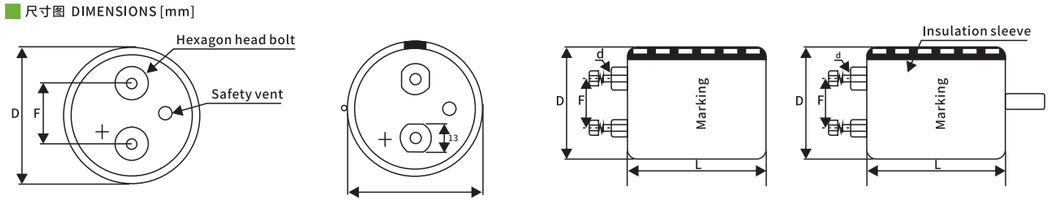
产品料号体系 PART NUMBERING SYSTEM

E NX 2G M 472 UB5 A ** C

- C：套管代码："C" 代表PVC, "T" 代表PET
  Sleeve code:"C" for PVC, "T" for PET
- **：内部代码Internal code
- A：端子代码Terminal code
- UB5：尺寸代码Size code
- 472：容量代码Capacitance code
- M：静电容量允许偏差代码Capacitance tolerance code
- 2G：电压代码Voltage code
- NX：系列代码Series code
- E：类别代码Category code

端子代码 Terminal code	内部代码 Internal code	规格 Specification
A	00	环形夹安装标准设计 Ring clip mounting standard design
B	00	螺纹双头螺栓标准设计 Threaded stud standard design
S	00	环形夹安装特殊设计 Ring clip mounting special design
T	00	螺纹双头螺栓特殊设计 Threaded stud special design

尺寸图 DIMENSIONS [mm]



D	51.6 +1 -0.8	64.3 +1 -0.8	76.9 +1 -0.7	91 +1 -2	100 +1 -2
F +0.2 -0.4	22.2	28.5	31.7	31.7	41.4
d	M5	M5	M6 or M5	M6 or M5	M6
L	L+3Max				

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率 (Hz) Frequency(Hz)	50	120	300	1K	10K
系数 Coefficient	0.8	1.0	1.1	1.3	1.4

螺丝端子型电容器
Screw Terminal Type Capacitor

NX 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	ESR typ. 120Hz 20°C mΩ	ESR max. 120Hz 20°C mΩ	额定纹波电流 Rated Ripple Current (mArms/85°C,120kHz)	料号 Part Number
350	1,500	51.6×80	0.20	86	130	6	ENX2VM152S80*00C
	2,200	51.6×105	0.20	59	89	7.9	ENX2VM222SA5*00C
	2,700	64.3×96	0.20	47	70	9.3	ENX2VM272T96*00C
	3,300	64.3×105	0.20	39	58	10.9	ENX2VM332TA5*00C
	3,900	64.3×115	0.20	33	49	12.3	ENX2VM392TB5*00C
	4,700	64.3×130	0.20	29	45	14.2	ENX2VM472TD0*00C
	5,600	76.9×115	0.20	26	39	16.6	ENX2VM562UB5*00C
	6,800	76.9×130	0.20	21	32	19	ENX2VM682UD0*00C
	8,200	76.9×155	0.20	18	26	22.3	ENX2VM822UF5*00C
	10,000	91×157	0.20	14	19	25.2	ENX2VM103VF7*00C
	12,000	91×168	0.20	12	17	29.3	ENX2VM123VG8*00C
400	1,000	51.6×75	0.20	92	153	4.7	ENX2GM102S75*00C
	1,500	51.6×80	0.20	63	113	6.1	ENX2GM152S80*00C
	2,200	51.6×115	0.20	41	85	8.9	ENX2GM222SB5*00C
	2,700	64.3×96	0.20	31	69	10.3	ENX2GM272T96*00C
	3,300	64.3×115	0.20	28	58	11.3	ENX2GM332TB5*00C
	3,900	64.3×130	0.20	25	49	13	ENX2GM392TD0*00C
	4,700	64.3×143	0.20	22	40	15.4	ENX2GM472TE3*00C
	5,600	64.3×155	0.20	21	35	18.3	ENX2GM562TF5*00C
	6,800	76.9×155	0.20	19	30	20.4	ENX2GM682UF5*00C
	8,200	76.9×168	0.20	15	26	22.8	ENX2GM822UG8*00C
	10,000	91×157	0.20	13	21	26.9	ENX2GM103VF7*00C
	12,000	91×196	0.20	10	18	30.5	ENX2GM123VJ6*00C
450	1,000	51.6×80	0.20	115	169	5	ENX2WM102S80*00C
	1,500	51.6×105	0.20	75	112	6.5	ENX2WM152SA5*00C
	2,200	64.3×105	0.20	58	90	8.9	ENX2WM222TA5*00C
	2,700	64.3×115	0.20	39	74	10.3	ENX2WM272TB5*00C
	3,300	64.3×130	0.20	28	58	12	ENX2WM332TD0*00C
	3,900	76.9×115	0.20	23	48	13.9	ENX2WM392UB5*00C
	4,700	76.9×130	0.20	20	39	16	ENX2WM472UD0*00C
	5,600	76.9×155	0.20	16	36	18.5	ENX2WM562UF5*00C
	6,800	76.9×168	0.20	14	30	20.8	ENX2WM682UG8*00C
	8,200	91×157	0.20	13	25	24.5	ENX2WM822VF7*00C
	10,000	91×196	0.20	11	22	28	ENX2WM103VJ6*00C
500(2H)	1,000	51.6×105	0.25	110	165	4.9	ENX2HM102SA5*00C
	1,500	64.3×105	0.25	74	110	7.8	ENX2HM152TA5*00C
	2,200	64.3×130	0.25	56	88	10	ENX2HM222TD0*00C
	2,700	64.3×143	0.25	48	72	11.6	ENX2HM272TE3*00C
	3,300	76.9×130	0.25	37	56	13.1	ENX2HM332UD0*00C
	3,900	76.9×155	0.25	32	46	14.5	ENX2HM392UF5*00C
	4,700	76.9×168	0.25	25	38	16.6	ENX2HM472UG8*00C

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

NL 系列/series

- 保证寿命：+85°C 12,000小时
  Endurance : 12,000 hours at 85°C
- 符合RoHS
  RoHS Compliant
- 高纹波，长寿命
  High ripple current, long life

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics	
工作温度范围 Category Temperature Range	-25~+85°C	
额定电压范围 Rated Working Voltage Range	350~450V.DC	
静电容量允许偏差 Capacitance Tolerance	±20%(M)	(at 20°C,120Hz)
漏电流 Leakage Current	I=0.02CV [uA] 或 5mA 中的较小值 I=0.02CV [uA] or 5mA, whichever is smaller. I：最大漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	(20°C, 5分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	0.20	(at 20°C,120Hz)
低温特性 Low Temperature Characteristics	静电容量变化率 C(-25°C)/C(+20°C)≥0.7 Capacitance Change C(-25°C)/C(+20°C)≥0.7	(at 120Hz)
耐久性 Endurance	当电容器在85°C下施加直流电压加额定纹波电流12,000小时后恢复到20°C时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 12,000 hours at 85°C.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value
高温贮存 Shelf Life	在85°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 85°C without voltage applied.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value

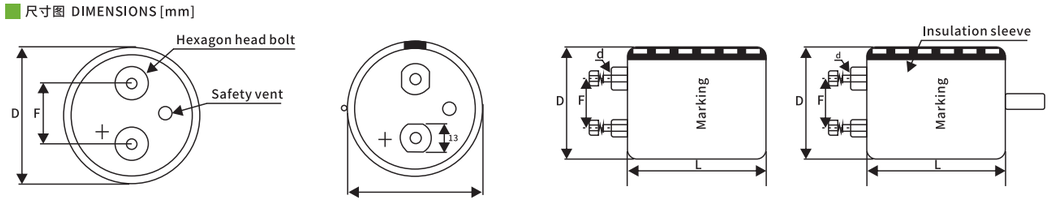
产品料号体系 PART NUMBERING SYSTEM

E NL 2G M 472 UB5 A ** C

- C：套管代码："C" 代表PVC, "T" 代表PET
  Sleeve code:"C" for PVC, "T" for PET
- **：内部代码Internal code
- A：端子代码Terminal code
- UB5：尺寸代码Size code
- 472：容量代码Capacitance code
- M：静电容量允许偏差代码Capacitance tolerance code
- 2G：电压代码Voltage code
- NL：系列代码Series code
- E：类别代码Category code

端子代码 Terminal code	内部代码 Internal code	规格 Specification
A	00	环形夹安装标准设计 Ring clip mounting standard design
B	00	螺纹双头螺栓标准设计 Threaded stud standard design
S	00	环形夹安装特殊设计 Ring clip mounting special design
T	00	螺纹双头螺栓特殊设计 Threaded stud special design

尺寸图 DIMENSIONS [mm]



D	51.6 +1 -0.8	64.3 +1 -0.8	76.9 +1 -0.7	91 +1 -2	100 +1 -2
F +0.2 -0.4	22.2	28.5	31.7	31.7	41.4
d	M5	M5	M6 or M5	M6 or M5	M6
L	L+3Max				

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率(Hz) Frequency(Hz)	50	120	300	1K	10K
系数 Coefficient	0.8	1.0	1.1	1.3	1.4

螺丝端子型电容器
Screw Terminal Type Capacitor

NL 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	ESR typ. 120Hz 20°C mΩ	ESR max. 120Hz 20°C mΩ	额定纹波电流 Rated Ripple Current (mArms/85°C,120kHz)	料号 Part Number
350	1,500	51.6 × 80	0.20	57	98	6	ENL2VM152S80*00C
	2,200	51.6 × 105	0.20	45	78	7.8	ENL2VM222SA5*00C
	3,300	64.3× 115	0.20	36	53	10.5	ENL2VM332TB5*00C
	3,900	64.3 × 130	0.20	32	47	12.6	ENL2VM392TD0*00C
	4,700	76.9 × 105	0.20	30	43	14	ENL2VM472UA5*00C
	5,600	76.9 × 115	0.20	27	37	15.5	ENL2VM562UB5*00C
	6,800	76.9 × 130	0.20	23	34	18.1	ENL2VM682UD0*00C
	8,200	76.9 × 155	0.20	20	28	21.5	ENL2VM822UF5*00C
	10,000	91 × 157	0.20	16	24	24.6	ENL2VM103VF7*00C
	12,000	91 × 196	0.20	14	22	29	ENL2VM123VJ6*00C
	15,000	91 × 220	0.20	11	18	34.1	ENL2VM153VM0*00C
400	1,500	51.6 × 80	0.20	58	89	6.1	ENL2GM152S80*00C
	1,800	51.6 × 108	0.20	56	87	7	ENL2GM182SA8*00C
	2,200	51.6 × 115	0.20	56	81	8.2	ENL2GM222SB5*00C
	2,600	64.3 × 108	0.20	54	79	8.5	ENL2GM262TA8*00C
	3,300	64.3 × 130	0.20	37	55	11.6	ENL2GM332TD0*00C
	3,800	76.9 ×105	0.20	36	54	13.6	ENL2GM332UA5*00C
	3,900	64.3 × 155	0.20	29	49	15.5	ENL2GM392TF5*00C
	4,700	76.9 × 115	0.20	26	43	19.4	ENL2GM472UB5*00C
	5,600	76.9 × 130	0.20	25	40	21.3	ENL2GM562UD0*00C
	6,800	76.9 × 155	0.20	20	34	23.4	ENL2GM682UF5*00C
	8,200	91 × 157	0.20	19	29	24.2	ENL2GM822VF7*00C
	10,000	91 × 168	0.20	13	23	30.3	ENL2GM103VG8*00C
	12,000	91 × 196	0.20	11	19	35.5	ENL2GM123VJ6*00C
450	1,500	51.6 × 115	0.20	56	97	7.1	ENL2WM152SB5*00C
	2,200	64.3 × 115	0.20	43	65	10.5	ENL2WM222TB5*00C
	3,300	64.3 × 143	0.20	33	49	14.8	ENL2WM332TE3*00C
	3,900	64.3 × 155	0.20	29	41	16.5	ENL2WM392TF5*00C
	4,700	76.9 × 143	0.20	22	39	19.8	ENL2WM472UE3*00C
	5,600	76.9 × 168	0.20	20	35	21.9	ENL2WM562UG8*00C
	6,800	76.9 × 196	0.20	18	30	26.4	ENL2WM682UJ6*00C
	8,200	91 × 168	0.20	16	24	29.6	ENL2WM822VG8*00C
	10,000	91 × 196	0.20	15	21	31.8	ENL2WM103VJ6*00C

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

NE 系列/series

- 保证寿命：+85°C 20,000小时
  Endurance : 20,000 hours at 85°C
- 符合RoHS
  RoHS Compliant
- 高纹波，长寿命
  High ripple current, long life

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics	
工作温度范围 Category Temperature Range	-25~+85°C	
额定电压范围 Rated Working Voltage Range	350~450V.DC	
静电容量允许偏差 Capacitance Tolerance	±20%(M)	(at 20°C,120Hz)
漏电流 Leakage Current	I=0.02CV [uA] 或 5mA 中的较小值 I=0.02CV [uA] or 5mA, whichever is smaller. I：最大漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	(20°C, 5分钟) (at 20°C after 5 minutes)
损耗角正切值 Dissipation Factor	0.20	(at 20°C,120Hz)
低温特性 Low Temperature Characteristics	静电容量变化率 C(-25°C)/C(+20°C)≥0.7 Capacitance Change C(-25°C)/C(+20°C)≥0.7	(at 120Hz)
耐久性 Endurance	当电容器在85°C下施加直流电压加额定纹波电流20,000小时后恢复到20°C时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after DC voltage plus the rated ripple current is applied for 20,000 hours at 85°C.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value
高温贮存 Shelf Life	在85°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 85°C without voltage applied.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value

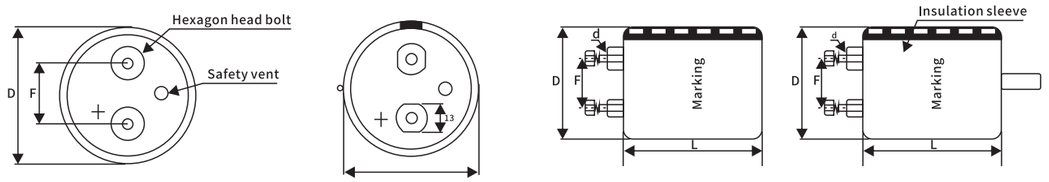
产品料号体系 PART NUMBERING SYSTEM

E NE 2G M 472 UB5 A ** C

- C：套管代码："C" 代表PVC, "T" 代表PET
  Sleeve code:"C" for PVC, "T" for PET
- **：内部代码Internal code
- A：端子代码Terminal code
- UB5：尺寸代码Size code
- 472：容量代码Capacitance code
- M：静电容量允许偏差代码Capacitance tolerance code
- 2G：电压代码Voltage code
- NE：系列代码Series code
- E：类别代码Category code

端子代码 Terminal code	内部代码 Internal code	规格 Specification
A	00	环形夹安装标准设计 Ring clip mounting standard design
B	00	螺纹双头螺栓标准设计 Threaded stud standard design
S	00	环形夹安装特殊设计 Ring clip mounting special design
T	00	螺纹双头螺栓特殊设计 Threaded stud special design

尺寸图 DIMENSIONS [mm]



D	51.6 +1 -0.8	64.3 +1 -0.8	76.9 +1 -0.7	91 +1 -2	100 +1 -2
F +0.2 -0.4	22.2	28.5	31.7	31.7	41.4
d	M5	M5	M6 or M5	M6 or M5	M6
L	L+3Max				

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率 (Hz) Frequency(Hz)	50	120	300	1K	10K
系数 Coefficient	0.8	1.0	1.1	1.3	1.4

螺丝端子型电容器
Screw Terminal Type Capacitor

NE 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	ESR typ. 120Hz 20°C mΩ	ESR max. 120Hz 20°C mΩ	额定纹波电流 Rated Ripple Current (mArms/85°C,120kHz)	料号 Part Number
350	1,500	51.6 × 96	0.20	67	98	5.4	ENE2VM152S96*00C
	2,200	51.6 × 130	0.20	53	78	7.3	ENE2VM222SD0*00C
	3,300	64.3× 115	0.20	36	53	11.3	ENE2VM332TB5*00C
	3,900	64.3 × 130	0.20	32	47	13	ENE2VM392TD0*00C
	4,700	64.3 × 155	0.20	29	43	15.1	ENE2VM472TF5*00C
	5,600	76.9 × 130	0.20	26	37	17	ENE2VM562UD0*00C
	6,800	76.9 × 155	0.20	23	34	20.4	ENE2VM682UF5*00C
	8,200	76.9 × 168	0.20	19	28	23.2	ENE2VM822UG8*00C
	10,000	76.9 × 220	0.20	16	24	26.9	ENE2VM103VM0*00C
	12,000	91 × 196	0.20	14	22	30.3	ENE2VM123VJ6*00C
	15,000	91 × 220	0.20	11	18	32.1	ENE2VM153VM0*00C
400	1,500	51.6 × 105	0.20	71	101	5.9	ENE2GM152SA5*00C
	2,200	51.6 × 130	0.20	56	81	7.2	ENE2GM222SD0*00C
	3,300	64.3 × 130	0.20	37	55	11.9	ENE2GM332TD0*00C
	3,900	76.9 × 115	0.20	34	49	14.1	ENE2GM392UB5*00C
	3,900	64.3×130	0.20	36	50	14	ENE2GM392TD0*00C
	4,700	76.9 × 130	0.20	29	43	15.7	ENE2GM472UD0*00C
	4,700	76.9 × 115	0.20	30	44	15.5	ENE2GM472UB5*00C
	5,600	76.9 × 155	0.20	27	40	18.3	ENE2GM562UF5*00C
	5,600	76.9 × 130	0.20	28	41	18	ENE2GM562UD0*00C
	6,800	76.9 × 155	0.20	22	34	21.1	ENE2GM682UF5*00C
	8,200	91 × 157	0.20	19	29	24.3	ENE2GM822VF7*00C
	10,000	91 × 196	0.20	16	23	27.2	ENE2GM103VJ6*00C
	12,000	91 × 220	0.20	14	19	30.2	ENE2GM123VM0*00C
450	1,500	51.6 × 130	0.20	74	108	5.9	ENE2WM152SD0*00C
	2,200	64.3 × 115	0.20	49	78	9.2	ENE2WM222TB5*00C
	3,300	64.3 × 155	0.20	38	49	12.8	ENE2WM332TF5*00C
	3,900	64.3 × 168	0.20	32	41	14.4	ENE2WM392TG8*00C
	4,700	76.9 × 155	0.20	27	39	16.8	ENE2WM472UF5*00C
	5,600	76.9 × 155	0.20	24	35	20.3	ENE2WM562UF5*00C
	6,800	91 × 157	0.20	21	30	23.1	ENE2WM682VF7*00C
	8,200	91 × 196	0.20	18	26	26.6	ENE2WM822VJ6*00C
	10,000	91 × 220	0.20	15	21	27.8	ENE2WM103VM0*00C

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

NT 系列/series

- 保证寿命：+105℃ 3,000小时
  Endurance : 3,000 hours at 105℃
- 符合RoHS
  RoHS Compliant
- 长寿命
  Long life

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics	
工作温度范围 Category Temperature Range	-25~+105℃	
额定电压范围 Rated Working Voltage Range	350~450V.DC	
静电容量允许偏差 Capacitance Tolerance	±20%(M)	(at 20℃,120Hz)
漏电流 Leakage Current	I=0.02CV [uA] 或 5mA 中的较小值 I=0.02CV [uA] or 5mA, whichever is smaller. I：最大漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	(20℃, 5分钟) (at 20℃ after 5 minutes)
损耗角正切值 Dissipation Factor	0.20	(at 20℃,120Hz)
低温特性 Low Temperature Characteristics	静电容量变化率 C(-25℃)/C(+20℃)≥0.7 Capacitance Change C(-25℃)/C(+20℃)≥0.7	(at 120Hz)
耐久性 Endurance	当电容器在105℃下施加直流电压加额定纹波电流3,000小时后恢复到20℃时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus the rated ripple current is applied for 3,000 hours at 105℃.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value
高温贮存 Shelf Life	在105°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 105°C without voltage applied.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value

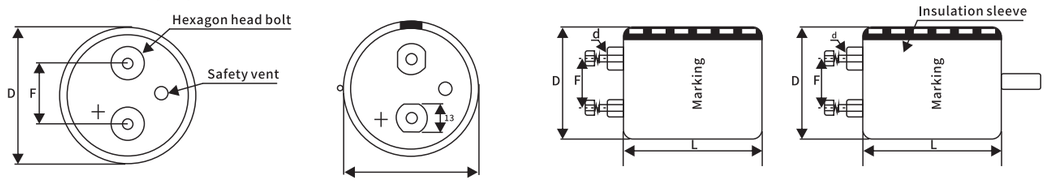
产品料号体系 PART NUMBERING SYSTEM

E NT 2G M 472 UB5 A ** C

- C：套管代码："C" 代表PVC, "T" 代表PET
  Sleeve code:"C" for PVC, "T" for PET
- **：内部代码Internal code
- A：端子代码Terminal code
- UB5：尺寸代码Size code
- 472：容量代码Capacitance code
- M：静电容量允许偏差代码Capacitance tolerance code
- 2G：电压代码Voltage code
- NT：系列代码Series code
- E：类别代码Category code

端子代码 Terminal code	内部代码 Internal code	规格 Specification
A	00	环形夹安装标准设计 Ring clip mounting standard design
B	00	螺纹双头螺栓标准设计 Threaded stud standard design
S	00	环形夹安装特殊设计 Ring clip mounting special design
T	00	螺纹双头螺栓特殊设计 Threaded stud special design

尺寸图 DIMENSIONS [mm]



D	51.6 +1 -0.8	64.3 +1 -0.8	76.9 +1 -0.7	91 +1 -2	100 +1 -2
F +0.2 -0.4	22.2	28.5	31.7	31.7	41.4
d	M5	M5	M6 or M5	M6 or M5	M6
L	L+3Max				

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率 (Hz) Frequency(Hz)	50	120	300	1K	10K
系数 Coefficient	0.8	1.0	1.1	1.3	1.4

螺丝端子型电容器
Screw Terminal Type Capacitor

NT 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	ESR typ. 120Hz 20°C mΩ	ESR max. 120Hz 20°C mΩ	额定纹波电流 Rated Ripple Current (mArms/105℃,120kHz)	料号 Part Number
350	1,000	51.6 × 80	0.20	108	157	2.4	ENT2VM102S80*00C
	1,500	51.6 × 80	0.20	79	116	3	ENT2VM152S80*00C
	2,200	51.6 × 96	0.20	57	81	4.1	ENT2VM222S96*00C
	3,300	64.3 × 105	0.20	43	59	4.8	ENT2VM332TA5*00C
	3,900	64.3 × 115	0.20	39	54	6.5	ENT2VM392TB5*00C
	4,700	64.3 × 130	0.20	35	48	7	ENT2VM472TD0*00C
	5,600	76.9 × 130	0.20	30	40	8.5	ENT2VM562UD0*00C
	6,800	76.9 × 143	0.20	27	36	10	ENT2VM682UE3*00C
	8,200	76.9 × 168	0.20	23	31	11.4	ENT2VM822UG8*00C
	10,000	91 × 170	0.20	19	28	14.1	ENT2VM103VH0*00C
	12,000	91 × 220	0.20	17	25	16.2	ENT2VM123VM0*00C
400	1,000	51.6 × 80	0.20	109	158	3	ENT2GM102S80*00C
	1,500	51.6 × 96	0.20	75	107	3.7	ENT2GM152S96*00C
	2,200	64.3 × 105	0.20	35	76	4.6	ENT2GM222TA5*00C
	3,300	64.3 × 130	0.20	31	53	6.4	ENT2GM332TD0*00C
	3,900	76.9 × 115	0.20	28	46	7.9	ENT2GM392UB5*00C
	4,700	76.9 × 130	0.20	23	40	8	ENT2GM472UD0*00C
	5,600	76.9 × 143	0.20	21	36	9.8	ENT2GM562UE3*00C
	6,800	76.9 × 155	0.20	14	31	10.5	ENT2GM682UF5*00C
	8,200	91 × 155	0.20	12	30	13.3	ENT2GM822VF5*00C
	10,000	91 × 170	0.20	11	23	18	ENT2GM103VH0*00C
	12,000	91 × 196	0.20	10	21	22.6	ENT2GM123VJ6*00C
450	1,000	51.6 × 105	0.20	95	153	4.3	ENT2WM102SA5*00C
	1,500	51.6 × 115	0.20	63	102	5.8	ENT2WM152SB5*00C
	2,200	64.3 × 115	0.20	40	70	7.6	ENT2WM222TB5*00C
	3,300	76.9 × 115	0.20	25	48	10.5	ENT2WM332UB5*00C
	3,900	76.9 × 130	0.20	22	42	11.3	ENT2WM392UD0*00C
	4,700	76.9 × 155	0.20	20	40	12.7	ENT2WM472UF5*00C
	5,600	91 × 130	0.20	17	36	16	ENT2WM562VD0*00C
	6,800	91 × 155	0.20	14	32	16.9	ENT2WM682VF5*00C
	8,200	91 × 196	0.20	10	22	17.5	ENT2WM822VJ6*00C
	10,000	91 × 220	0.20	8	20	18.1	ENT2WM103VM0*00C

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

NF 系列/series

- 保证寿命：+105℃ 5,000小时
  Endurance : 5,000 hours at 105℃
- 长寿命
  Long life
- 符合RoHS
  RoHS Compliant

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics	
工作温度范围 Category Temperature Range	-25~+105℃	
额定电压范围 Rated Working Voltage Range	350~450V.DC	
静电容量允许偏差 Capacitance Tolerance	±20%(M)	(at 20℃,120Hz)
漏电流 Leakage Current	I=0.02CV [uA] 或 5mA 中的较小值 I=0.02CV [uA] or 5mA, whichever is smaller. I：最大漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	(20℃, 5分钟) (at 20℃ after 5 minutes)
损耗角正切值 Dissipation Factor	0.20	(at 20℃,120Hz)
低温特性 Low Temperature Characteristics	静电容量变化率 C(-25℃)/C(+20℃)≥0.7 Capacitance Change C(-25℃)/C(+20℃)≥0.7	(at 120Hz)
耐久性 Endurance	当电容器在105℃下施加直流电压加额定纹波电流5,000小时后恢复到20℃时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus the rated ripple current is applied for 5,000 hours at 105℃.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value
高温贮存 Shelf Life	在105°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 105°C without voltage applied.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value

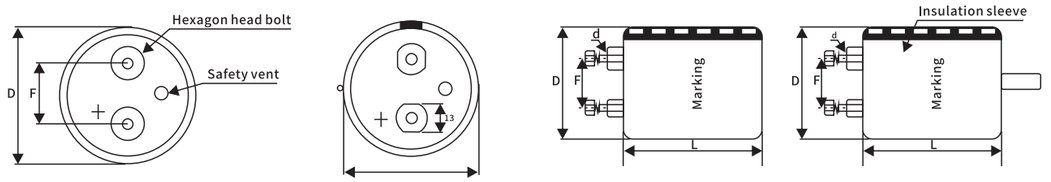
产品料号体系 PART NUMBERING SYSTEM

E NF 2G M 472 UB5 A ** C

- C：套管代码："C" 代表PVC, "T" 代表PET
  Sleeve code:"C" for PVC, "T" for PET
- **：内部代码Internal code
- A：端子代码Terminal code
- UB5：尺寸代码Size code
- 472：容量代码Capacitance code
- M：静电容量允许偏差代码Capacitance tolerance code
- 2G：电压代码Voltage code
- NF：系列代码Series code
- E：类别代码Category code

端子代码 Terminal code	内部代码 Internal code	规格 Specification
A	00	环形夹安装标准设计 Ring clip mounting standard design
B	00	螺纹双头螺栓标准设计 Threaded stud standard design
S	00	环形夹安装特殊设计 Ring clip mounting special design
T	00	螺纹双头螺栓特殊设计 Threaded stud special design

尺寸图 DIMENSIONS [mm]



D	51.6 $^{+1}_{-0.8}$	64.3 $^{+1}_{-0.8}$	76.9 $^{+1}_{-0.7}$	91 $^{+1}_{-2}$	100 $^{+1}_{-2}$
F $^{+0.2}_{-0.4}$	22.2	28.5	31.7	31.7	41.4
d	M5	M5	M6 or M5	M6 or M5	M6
L	L+3Max				

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率 (Hz) Frequency(Hz)	50	120	300	1K	10K
系数 Coefficient	0.8	1.0	1.1	1.3	1.4

螺丝端子型电容器
Screw Terminal Type Capacitor

NF 系列/series

标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	ESR typ. 120Hz 20°C mΩ	ESR max. 120Hz 20°C mΩ	额定纹波电流 Rated Ripple Current (mArms/105℃,120kHz)	料号 Part Number
350	1,000	51.6×80	0.20	99	148	4.2	ENF2VM102S80*00C
	1,500	51.6×96	0.20	71	107	5.3	ENF2VM152S96*00C
	2,200	51.6×105	0.20	49	72	7.2	ENF2VM222SA5*00C
	3,300	64.3×115	0.20	34	50	10	ENF2VM332TB5*00C
	3,900	64.3×130	0.20	30	45	11.7	ENF2VM392TD0*00C
	4,700	64.3×143	0.20	26	39	12.6	ENF2VM472TE3*00C
	5,600	76.9×143	0.20	21	32	14.9	ENF2VM562UE3*00C
	6,800	76.9×168	0.20	19	28	17	ENF2VM682UG8*00C
	8,200	76.9×196	0.20	15	25	19.8	ENF2VM822UJ6*00C
	10,000	76.9×220	0.20	13	20	23.2	ENF2VM103UM0*00C
	12,000	91×196	0.20	11	16	26.9	ENF2VM123VJ6*00C
	15,000	91×220	0.20	9	13	30.9	ENF2VM153VM0*00C
400	1,000	51.6×80	0.20	101	151	4.4	ENF2GM102S80*00C
	1,500	51.6×96	0.20	67	98	5.9	ENF2GM152S96*00C
	2,200	64.3×105	0.20	48	68	7.4	ENF2GM222TA5*00C
	3,300	64.3×130	0.20	30	45	10.5	ENF2GM332TD0*00C
	3,900	76.9×115	0.20	27	39	11.3	ENF2GM392UB5*00C
	4,700	76.9×130	0.20	22	32	14	ENF2GM472UD0*00C
	5,600	76.9×143	0.20	20	28	15.1	ENF2GM562UE3*00C
	6,800	76.9×168	0.20	17	23	18	ENF2GM682UG8*00C
	8,200	76.9×196	0.20	15	21	21.3	ENF2GM822UJ6*00C
	10,000	76.9×220	0.20	13	19	22.1	ENF2GM103UM0*00C
	12,000	91×220	0.20	9	13	27.6	ENF2GM123VM0*00C
450	1,000	51.6×105	0.20	97	145	4.3	ENF2WM102SA5*00C
	1,500	51.6×130	0.20	65	97	6.1	ENF2WM152SD0*00C
	2,200	64.3×115	0.20	45	67	7.8	ENF2WM222TB5*00C
	3,300	76.9×100	0.20	29	43	10.8	ENF2WM332UA0*00C
	3,900	76.9×115	0.20	25	37	12.9	ENF2WM392UB5*00C
	4,700	76.9×130	0.20	22	32	14.3	ENF2WM472UD0*00C
	5,600	76.9×155	0.20	19	28	14.7	ENF2WM562UF5*00C
	6,800	76.9×220	0.20	16	23	18.1	ENF2WM682UM0*00C
	8,200	91×196	0.20	12	17	19.7	ENF2WM822VJ6*00C
	10,000	91×220	0.20	10	15	23.5	ENF2WM103VM0*00C

※以上规格若有变更恕不另行通知
Specifications subject to change without notice

NK 系列/series

- 保证寿命：+105℃ 5,000小时
  Endurance : 5,000 hours at 105℃
- 符合RoHS
  RoHS Compliant
- 高纹波,长寿命
  High ripple current, long life

规格表 SPECIFICATIONS

项目 Items	性能 Characteristics	
工作温度范围 Category Temperature Range	-25~+105℃	
额定电压范围 Rated Working Voltage Range	350~450V.DC	
静电容量允许偏差 Capacitance Tolerance	±20%(M)	(at 20℃,120Hz)
漏电流 Leakage Current	I=0.02CV [uA] 或 5mA 中的较小值 I=0.02CV [uA] or 5mA, whichever is smaller. I：最大漏电流 (μA), C：静电容量 (μF), V：额定电压 (V) Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V)	(20℃, 5分钟) (at 20℃ after 5 minutes)
损耗角正切值 Dissipation Factor	0.20	(at 20℃,120Hz)
低温特性 Low Temperature Characteristics	静电容量变化率 C(-25℃)/C(+20℃)≥0.7 Capacitance Change C(-25℃)/C(+20℃)≥0.7	(at 120Hz)
耐久性 Endurance	当电容器在105℃下施加直流电压加额定纹波电流5,000小时后恢复到20℃时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after DC voltage plus the rated ripple current is applied for 5,000 hours at 105℃.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的200% ≤200% of the initial specified value
	漏电流 Leakage Current	≤初始规格值 ≤The initial specified value
高温贮存 Shelf Life	在105°C环境中，无负荷放置1,000 小时后，待温度恢复到20°C进行测量时，应满足以下要求。 The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours at 105°C without voltage applied.	
	静电容量变化率 Capacitance Change	≤初始值的±20% ≤±20% of the initial value
	损耗角正切值 Dissipation Factor	≤初始规格值的150% ≤150% of the initial specified value
	漏电流 Leakage Current	≤初始规格值的200% ≤ 200% of the initial specified value

产品料号体系 PART NUMBERING SYSTEM

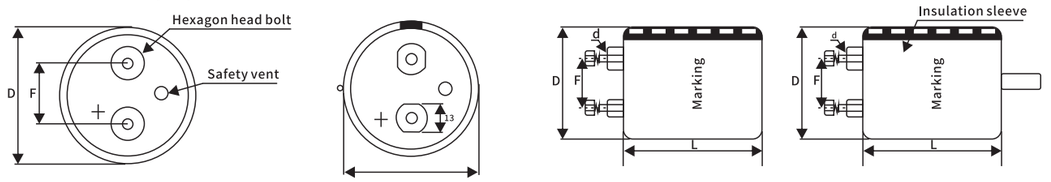
E NK 2G M 472 UB5 A ** C

- C：套管代码："C" 代表PVC, "T" 代表PET
  Sleeve code:"C" for PVC, "T" for PET
- **：内部代码Internal code
- A：端子代码Terminal code
- UB5：尺寸代码Size code
- 472：容量代码Capacitance code
- M：静电容量允许偏差代码Capacitance tolerance code
- 2G：电压代码Voltage code
- NK：系列代码Series code
- E：类别代码Category code

端子代码 Terminal code	内部代码 Internal code	规格 Specification
A	00	环形夹安装标准设计 Ring clip mounting standard design
B	00	螺纹双头螺栓标准设计 Threaded stud standard design
S	00	环形夹安装特殊设计 Ring clip mounting special design
T	00	螺纹双头螺栓特殊设计 Threaded stud special design

螺丝端子型电容器
Screw Terminal Type Capacitor

尺寸图 DIMENSIONS [mm]



D	51.6 +1 -0.8	64.3 +1 -0.8	76.9 +1 -0.7	91 +1 -2	100 +1 -2
F +0.2 -0.4	22.2	28.5	31.7	31.7	41.4
d	M5	M5	M6 or M5	M6 or M5	M6
L	L+3Max				

纹波电流频率修正系数 RATED RIPPLE CURRENT MULTIPLIERS

Frequency correction factor for ripple current

频率 (Hz) Frequency(Hz)	50	120	300	1K	10K
系数 Coefficient	0.8	1.0	1.1	1.3	1.4

NK 系列/series

■ 标准品一览表 STANDARD RATINGS

电压 WV (Vdc)	容量 Cap (μF)	尺寸 Size ΦD×L(mm)	损耗角正切 tanδ	ESR typ. 120Hz 20°C mΩ	ESR max. 120Hz 20°C mΩ	额定纹波电流 Rated Ripple Current (mArms/105°C,120kHz)	料号 Part Number
350	1,000	51.6×80	0.20	88	140	5.3	ENK2VM102S80*00C
	1,500	51.6×80	0.20	65	99	7.9	ENK2VM152S80*00C
	2,200	51.6×105	0.20	40	68	10.2	ENK2VM222SA5*00C
	3,300	64.3×115	0.20	26	45	14.5	ENK2VM332TB5*00C
	3,900	64.3×130	0.20	23	41	16.4	ENK2VM392TD0*00C
	4,700	64.3×155	0.20	20	36	19.2	ENK2VM472TF5*00C
	5,600	76.9×143	0.20	18	29	21.9	ENK2VM562UE3*00C
	6,800	76.9×168	0.20	15	25	26.3	ENK2VM682UG8*00C
	8,200	76.9×196	0.20	13	23	30.2	ENK2VM822UJ6*00C
	10,000	76.9×220	0.20	11	18	33.7	ENK2VM103UM0*00C
	12,000	100×196	0.20	10	14	38	ENK2VM123AJ6*00C
	15,000	100×250	0.20	8	12	47.9	ENK2VM153AP0*00C
400	1,000	51.6×80	0.20	90	141	5.2	ENK2GM102S80*00C
	1,500	51.6×96	0.20	61	92	7.1	ENK2GM152S96*00C
	2,200	64.3×105	0.20	45	61	10.4	ENK2GM222TA5*00C
	3,300	64.3×130	0.20	29	42	15.2	ENK2GM332TD0*00C
	3,900	76.9×130	0.20	25	35	18	ENK2GM392UD0*00C
	4,700	76.9×143	0.20	20	29	20.6	ENK2GM472UE3*00C
	5,600	76.9×168	0.20	19	26	23.9	ENK2GM562UG8*00C
	6,800	76.9×196	0.20	16	21	27.5	ENK2GM682UJ6*00C
	8,200	91×196	0.20	13	19	30.8	ENK2GM822VJ6*00C
	10,000	100×196	0.20	11	17	34.9	ENK2GM103AJ6*00C
	12,000	100×220	0.20	7	11	40	ENK2GM123AM0*00C
450	1,000	51.6×105	0.20	87	138	5.3	ENK2WM102SA5*00C
	1,500	51.6×115	0.20	60	92	7.1	ENK2WM152SB5*00C
	2,200	64.3×115	0.20	41	62	11.9	ENK2WM222TB5*00C
	3,300	76.9×130	0.20	25	39	16.7	ENK2WM332UD0*00C
	3,900	76.9×143	0.20	23	34	18.9	ENK2WM392UE3*00C
	4,700	76.9×168	0.20	20	29	21.9	ENK2WM472UG8*00C
	5,600	76.9×196	0.20	17	26	24.4	ENK2WM562UJ6*00C
	6,800	76.9×220	0.20	13	20	28	ENK2WM682UM0*00C
	8,200	91×196	0.20	10	15	32.3	ENK2WM822VJ6*00C
	10,000	100×220	0.20	8	13	36.9	ENK2WM103AM0*00C

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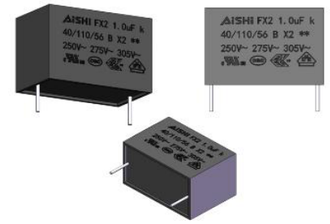
FX2 Series - Class X2 305Vac / 350Vac

Overview

The FX2 series is constructed of metallized polypropylene film encapsulated with self-extinguishing resin in a box of material meeting the requirement of UL94V-0.

概述

FX2采用金属化聚丙烯膜结构，使用自熄树脂封装于符合UL94V-0要求的塑料壳内。



Applications

Interference suppression, across-the-line capacitor, EMI filter and spark-killer in class X2 applications. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.

应用

用于干扰抑制，跨接电容，电磁干扰滤波器和火花抑制器等应用。适用于电容器失效后不会导致触电危险的场合。

Features

- High stability of capacitance
- High temperature (110°C)
- Self-healing property
- Over voltage stress withstanding
- Flame-retardant plastic case and resin

特点

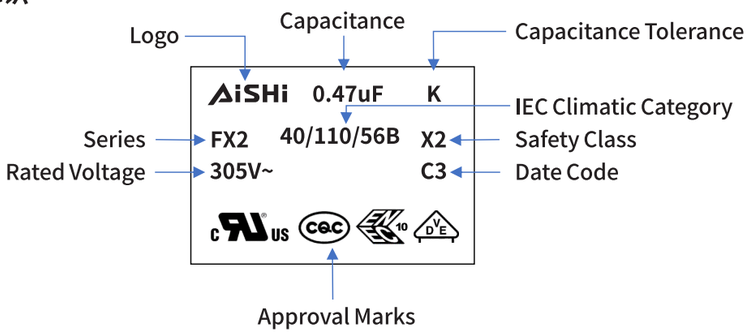
- 高稳定性
- 耐高温 (110°C)
- 良好的自愈能力
- 过电压保护
- 阻燃塑料外壳及树脂

Approvals 认证

Marking	Standard	File Number
c UL us	UL 60384-14 CAN/CSA-E60384-14	E500538 (305Vac~760Vac)
10 DVE	IEC 60384-14:2013 IEC 60384-14:2013/AMD1:2016	40051583 (305Vac) 40052137 (350Vac~760Vac)
CQC	IEC 60384-14 GB/T6346.14-2015	CQC20001245437 (305Vac) CQC20001281016 (350Vac~480Vac) CQC20001281018 (530Vac~760Vac)

FX2 Series - Class X2 305Vac / 350Vac

Marking标识



Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	X2	30	K	474	E43	2EL	5
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	Class X2, Metallized PP Film	30=305Vac 35=350Vac	K = ±10% M = ±20%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Table

Terminal Code
引出端代码

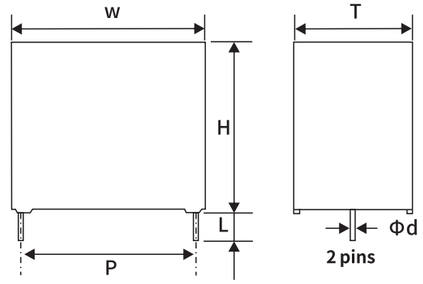
Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	5.1mm	A
2 leads for straight cut	2	12.5mm	D	7.5mm	C
2 leads for forming cut	E	15.0mm	E	10.2mm	B
4 leads for straight cut	4	22.5mm	F	12.7mm	G
Taping	T	27.5mm	G	20.3mm	D
Taping Straight	V	37.5mm	K	N/A	L
		52.5mm	M		
		N/A	N		

Lead Length Code
引出端长度代码

Lead Length	
20mm min	L
35mm min	B
3.2mm	1
3.5mm	2
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
Taping	T
N/A	N

FX2 Series - Class X2 305Vac / 350Vac

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
C13	13	0.5	11	0.5	5	0.5	10	0.5	0.6	0.05
C16	13	0.5	12	0.5	6	0.5	10	0.5	0.6	0.05
C26	13	0.5	14	0.5	8	0.5	10	0.5	0.6	0.05
C27	13	0.5	16	0.5	8	0.5	10	0.5	0.6	0.05
C30	13	0.5	16	0.5	9	0.5	10	0.5	0.6	0.05
E14	18	0.5	11	0.5	5	0.5	15	0.5	0.6	0.05
E17	18	0.5	12	0.5	6	0.5	15	0.5	0.8	0.05
E18	18	0.5	13.5	0.5	6	0.5	15	0.5	0.8	0.05
E29	18	0.5	13.5	0.5	7.5	0.5	15	0.5	0.8	0.05
E34	18	0.5	14.5	0.5	8.5	0.5	15	0.5	0.8	0.05
E43	18	0.5	16	0.5	10	0.5	15	0.5	0.8	0.05
E47	18	0.5	19	0.5	11	0.5	15	0.5	0.8	0.05
F17	26	0.5	16.5	0.5	7	0.5	22.5	0.5	0.8	0.05
F20	26	0.5	17	0.5	8.5	0.5	22.5	0.5	0.8	0.05
F24	26	0.5	19	0.5	10	0.5	22.5	0.5	0.8	0.05
F26	26	0.5	20	0.5	11	0.5	22.5	0.5	0.8	0.05
F27	26	0.5	22	0.5	12	0.5	22.5	0.5	0.8	0.05
F29	26	0.5	23	0.5	13	0.5	22.5	0.5	0.8	0.05
F34	26	0.5	29.5	0.5	14.5	0.5	22.5	0.5	0.8	0.05
F36	26	0.5	25	0.5	15	0.5	22.5	0.5	0.8	0.05
G15	32	0.8	18	0.8	9	0.8	27.5	0.5	0.8	0.05
G18	32	0.8	20	0.8	11	0.8	27.5	0.5	0.8	0.05
G22	32	0.8	24.5	0.8	13	0.8	27.5	0.5	0.8	0.05
G25	32	0.8	24	0.8	14	0.8	27.5	0.5	0.8	0.05
G26	32	0.8	28	0.8	14	0.8	27.5	0.5	0.8	0.05
G33	32	0.8	28	0.8	18	0.8	27.5	0.5	0.8	0.05
G34	32	0.8	33	0.8	18	0.8	27.5	0.5	0.8	0.05
G40	32	0.8	37	0.8	22	0.8	27.5	0.5	0.8	0.05
K21	42	0.8	32	0.8	19	0.8	37.5	0.5	1.0	0.05

FX2 Series - Class X2 305Vac / 350Vac

Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
K27	42	0.8	37	0.8	22	0.8	37.5	0.5	1.0	0.05
K32	42	0.8	44	0.8	24	0.8	37.5	0.5	1.0	0.05
K42	42	0.8	45	0.8	30	0.8	37.5	0.5	1.0	0.05
M16	57.5	1.0	45	1.0	30	1.0	52.5	0.5	1.2	0.05

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FX2 Series - Class X2 305Vac / 350Vac

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		µF	mm	mm	mm	mm	A	A	V/us	mm	
305	630	0.01	13	11	5	10	5	15	500	0.6	FX230K103C132CL5
305	630	0.022	13	11	5	10	11	33	500	0.6	FX230K223C132CL5
305	630	0.033	13	11	5	10	16.5	49.5	500	0.6	FX230K333C132CL5
305	630	0.047	13	11	5	10	23.5	70.5	500	0.6	FX230K473C132CL5
305	630	0.068	13	11	5	10	34	102	500	0.6	FX230K683C132CL5
305	630	0.082	13	12	6	10	41	123	500	0.6	FX230K823C162CL5
305	630	0.1	13	12	6	10	50	150	500	0.6	FX230K104C162CL5
305	630	0.15	13	14	8	10	75	225	500	0.6	FX230K154C262CL5
305	630	0.22	13	14	8	10	110	330	500	0.6	FX230K224C262CL5
305	630	0.27	13	16	8	10	135	405	500	0.6	FX230K274C272CL5
305	630	0.33	13	16	9	10	165	495	500	0.6	FX230K334C302CL5
305	630	0.047	18	11	5	15	18.8	56.4	400	0.6	FX230K473E142EL5
305	630	0.068	18	11	5	15	27.2	81.6	400	0.6	FX230K683E142EL5
305	630	0.082	18	11	5	15	32.8	98.4	400	0.6	FX230K823E142EL5
305	630	0.1	18	11	5	15	40	120	400	0.6	FX230K104E142EL5
305	630	0.15	18	12	6	15	60	180	400	0.6	FX230K154E172EL5
305	630	0.22	18	13.5	7.5	15	88	264	400	0.8	FX230K224E292EL5
305	630	0.27	18	14.5	8.5	15	108	324	400	0.8	FX230K274E342EL5
305	630	0.33	18	14.5	8.5	15	132	396	400	0.8	FX230K334E342EL5
305	630	0.47	18	16	10	15	188	564	400	0.8	FX230K474E432EL5
305	630	0.56	18	19	11	15	224	672	400	0.8	FX230K564E472EL5
305	630	0.68	18	19	11	15	272	816	400	0.8	FX230K684E472EL5
305	630	0.33	26	16.5	7	22.5	66	198	200	0.8	FX230K334F172FL5
305	630	0.47	26	16.5	7	22.5	94	282	200	0.8	FX230K474F172FL5
305	630	0.56	26	19	10	22.5	112	336	200	0.8	FX230K564F242FL5
305	630	0.68	26	19	10	22.5	136	408	200	0.8	FX230K684F242FL5
305	630	1	26	19	10	22.5	200	600	200	0.8	FX230K105F242FL5
305	630	1.2	26	22	12	22.5	240	720	200	0.8	FX230K125F272FL5
305	630	1.5	26	23	13	22.5	300	900	200	0.8	FX230K155F292FL5
305	630	1.8	26	29.5	14.5	22.5	360	1080	200	0.8	FX230K185F342FL5
305	630	2	26	29.5	14.5	22.5	400	1200	200	0.8	FX230K205F342FL5
305	630	2.2	26	29.5	14.5	22.5	440	1320	200	0.8	FX230K225F342FL5
305	630	0.68	32	18	9	27.5	102	306	150	0.8	FX230K684G152GL5
305	630	0.82	32	18	9	27.5	123	369	150	0.8	FX230K824G152GL5
305	630	1	32	20	11	27.5	150	450	150	0.8	FX230K105G182GL5
305	630	1.2	32	20	11	27.5	180	540	150	0.8	FX230K125G182GL5
305	630	1.5	32	24.5	13	27.5	225	675	150	0.8	FX230K155G222GL5
305	630	1.8	32	24.5	13	27.5	270	810	150	0.8	FX230K185G222GL5
305	630	2.2	32	24	14	27.5	330	990	150	0.8	FX230K225G252GL5
305	630	2.7	32	28	18	27.5	405	1215	150	0.8	FX230K275G332GL5
305	630	3.3	32	28	18	27.5	495	1485	150	0.8	FX230K335G332GL5
305	630	3.3	32	33	18	27.5	495	1485	150	0.8	FX230K335G342GL5

FX2 Series - Class X2 305Vac / 350Vac

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
305	630	3.9	32	33	18	27.5	585	1755	150	0.8	FX230K395G342GL5
305	630	4.7	32	33	18	27.5	705	2115	150	0.8	FX230M475G342GL5
305	630	4.7	32	37	22	27.5	705	2115	150	0.8	FX230K475G402GL5
305	630	5.6	32	37	22	27.5	840	2520	150	0.8	FX230M565G402GL5
305	630	4.7	42	32	19	37.5	470	1410	100	1.0	FX230K475K212KL5
305	630	6.8	42	37	22	37.5	680	2040	100	1.0	FX230K685K272KL5
305	630	6.8	42	40	20	37.5	680	2040	100	1.0	FX230K685K242KL5
305	630	10	42	44	24	37.5	1000	3000	100	1.0	FX230K106K322KL5
305	630	12	42	45	30	37.5	1200	3600	100	1.0	FX230K126K422KL5
305	630	15	42	45	30	37.5	1500	4500	100	1.0	FX230K156K422KL5
305	630	18	57.5	45	30	52.5	1440	4500	80	1.2	FX230K186M162ML5
305	630	20	57.5	45	30	52.5	1600	4800	80	1.2	FX230K206M162ML5
350	700	0.1	18	13.5	6	15	50	150	500	0.6	FX235K104E182EL5
350	700	0.15	18	13.5	7.5	15	75	225	500	0.8	FX235K154E292EL5
350	700	0.22	18	14.5	8.5	15	110	330	500	0.8	FX235K224E342EL5
350	700	0.33	18	16	10	15	165	495	500	0.8	FX235K334E432EL5
350	700	0.47	18	19	11	15	235	705	500	0.8	FX235K474E472EL5
350	700	0.47	26	17	8.5	22.5	188	564	400	0.8	FX235K474F202FL5
350	700	0.56	26	19	10	22.5	224	672	400	0.8	FX235K564F242FL5
350	700	0.68	26	20	11	22.5	272	816	400	0.8	FX235K684F262FL5
350	700	0.82	26	22	12	22.5	328	984	400	0.8	FX235K824F272FL5
350	700	1	26	23	13	22.5	400	1200	400	0.8	FX235K105F292FL5
350	700	1.2	26	25	15	22.5	480	1440	400	0.8	FX235K125F362FL5
350	700	1.5	26	29.5	14.5	22.5	600	1800	400	0.8	FX235K155F342FL5
350	700	1.8	32	28	14	22.5	360	1080	200	0.8	FX235K185G262GL5
350	700	2.0	32	28	14	27.5	400	1200	200	0.8	FX235M205G262GL5
350	700	2.2	32	28	18	27.5	440	1320	200	0.8	FX235K225G332GL5
350	700	2.7	32	28	18	27.5	540	1620	200	0.8	FX235M275G332GL5
350	700	3.0	32	33	18	27.5	600	1800	200	0.8	FX235K305G342GL5
350	700	3.3	32	33	18	27.5	660	1980	200	0.8	FX235M335G342GL5
350	700	3.9	32	37	22	27.5	780	2340	200	0.8	FX235K395G402GL5
350	700	4.7	32	37	22	27.5	940	2820	200	0.8	FX235M475G402GL5
350	700	4.7	42	32	19	37.5	470	1410	100	1.0	FX235K475K212KL5
350	700	5.6	42	37	22	37.5	560	1680	100	1.0	FX235K565K272KL5

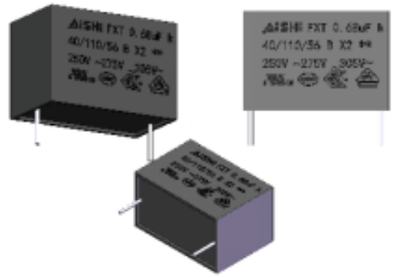
FXT Series - Class X2 305Vac / 350Vac (85°C 85% 1.0U_{RAC} 1000H)

Overview

The FXT series is constructed of metallized polypropylene film encapsulated with self-extinguishing resin in a box of material meeting the requirement of UL94V-0. These FXT series robustness design is suitable for high humidity and high temperature environmental and compliant to THB Grade IIIB.

概述

FXT采用金属化聚丙烯膜结构，使用自熄树脂封装于符合UL94V-0要求的塑料壳内。FXT稳固性的设计使它适合应用于高温高湿的环境中并符合THB IIIB 等级的要求。



Applications

Interference suppression, across-the-line capacitor, EMI filter and spark-killer in class X2 applications. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.

应用

用于干扰抑制，跨接电容，电磁干扰滤波器和火花抑制器等应用。适用于电容器失效后不会导致触电危险的场合。

Features

- High stability of capacitance
- High temperature (110°C)
- Self-healing property
- Over voltage stress withstanding
- Flame-retardant plastic case and resin
- Suitable for harsh environment conditions
- THB Grade IIIB (85°C, 85% RH, 1000h at U_{RAC})

特点

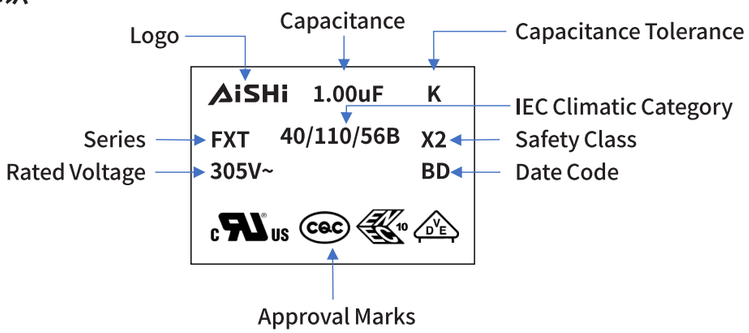
- 高稳定性
- 耐高温 (110°C)
- 良好的自愈能力
- 过电压保护
- 阻燃塑料外壳及树脂
- 适用于严苛环境
- THB IIIB等级
  (85°C, 85%湿度，1倍额定电压，1000小时)

Approvals 认证

Marking	Standard	File Number
cULus	UL 60384-14 CAN/CSA-E60384-14	E500538 (305Vac~760Vac)
ENEC 10 DVE	IEC 60384-14:2013 IEC 60384-14:2013/AMD1:2016	40051583 (305Vac) 40052137 (350Vac~760Vac)
CQC	IEC 60384-14 GB/T6346.14-2015	CQC20001245437 (305Vac) CQC20001281016 (350Vac~480Vac) CQC20001281018 (530Vac~760Vac)

FXT Series - Class X2 305Vac / 350Vac (85°C 85% 1.0U_{RAC} 1000H)

Marking标识



Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	XT	30	K	105	G18	2GL	5
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	X2, THB Type, Metallized PP Film	30=305Vac 35=350Vac	J = ±5% K = ±10% M = ±20%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	5.1mm	A
2 leads for straight cut	2	15.0mm	E	7.5mm	C
2 leads for forming cut	E	22.5mm	F	10.2mm	B
4 leads for straight cut	4	27.5mm	G	12.7mm	G
Taping	T	37.5mm	K	20.3mm	D
Taping Straight	V	52.5mm	M	N/A	L
		N/A	N		

Lead Length Code
引出端长度代码

Lead Length	
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
Taping	T
N/A	N

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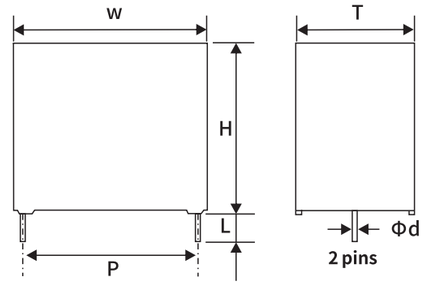
FXT Series - Class X2 305Vac / 350Vac (85°C 85% 1.0U_{RAC} 1000H)

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
C13	13	0.5	11	0.5	5	0.5	10	0.5	0.6	0.05
C16	13	0.5	12	0.5	6	0.5	10	0.5	0.6	0.05
C26	13	0.5	14	0.5	8	0.5	10	0.5	0.6	0.05
C27	13	0.5	16	0.5	8	0.5	10	0.5	0.6	0.05
C30	13	0.5	16	0.5	9	0.5	10	0.5	0.6	0.05
E14	18	0.5	11	0.5	5	0.5	15	0.5	0.6	0.05
E17	18	0.5	12	0.5	6	0.5	15	0.5	0.8	0.05
E18	18	0.5	13.5	0.5	6	0.5	15	0.5	0.8	0.05
E29	18	0.5	13.5	0.5	7.5	0.5	15	0.5	0.8	0.05
E34	18	0.5	14.5	0.5	8.5	0.5	15	0.5	0.8	0.05
E43	18	0.5	16	0.5	10	0.5	15	0.5	0.8	0.05
E47	18	0.5	19	0.5	11	0.5	15	0.5	0.8	0.05
F17	26	0.5	16.5	0.5	7	0.5	22.5	0.5	0.8	0.05
F20	26	0.5	17	0.5	8.5	0.5	22.5	0.5	0.8	0.05
F24	26	0.5	19	0.5	10	0.5	22.5	0.5	0.8	0.05
F26	26	0.5	20	0.5	11	0.5	22.5	0.5	0.8	0.05
F27	26	0.5	22	0.5	12	0.5	22.5	0.5	0.8	0.05
F29	26	0.5	23	0.5	13	0.5	22.5	0.5	0.8	0.05
F34	26	0.5	29.5	0.5	14.5	0.5	22.5	0.5	0.8	0.05
F36	26	0.5	25	0.5	15	0.5	22.5	0.5	0.8	0.05
G15	32	0.8	18	0.8	9	0.8	27.5	0.5	0.8	0.05
G18	32	0.8	20	0.8	11	0.8	27.5	0.5	0.8	0.05
G22	32	0.8	24.5	0.8	13	0.8	27.5	0.5	0.8	0.05
G25	32	0.8	24	0.8	14	0.8	27.5	0.5	0.8	0.05
G26	32	0.8	28	0.8	14	0.8	27.5	0.5	0.8	0.05
G33	32	0.8	28	0.8	18	0.8	27.5	0.5	0.8	0.05
G34	32	0.8	33	0.8	18	0.8	27.5	0.5	0.8	0.05
G40	32	0.8	37	0.8	22	0.8	27.5	0.5	0.8	0.05
K21	42	0.8	32	0.8	19	0.8	37.5	0.5	1.0	0.05

FXT Series - Class X2 305Vac / 350Vac (85°C 85% 1.0U_{RAC} 1000H)

Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
K27	42	0.8	37	0.8	22	0.8	37.5	0.5	1.0	0.05
K32	42	0.8	44	0.8	24	0.8	37.5	0.5	1.0	0.05
K42	42	0.8	45	0.8	30	0.8	37.5	0.5	1.0	0.05
M16	57.5	1.0	45	1.0	30	1.0	52.5	0.5	1.2	0.05

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FXT Series - Class X2 305Vac / 350Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
305	630	0.1	18	11	5	15	40	120	400	0.6	FXT30K104E142EL5
305	630	0.15	18	12	6	15	60	180	400	0.6	FXT30K154E172EL5
305	630	0.22	18	13.5	7.5	15	88	264	400	0.8	FXT30K224E292EL5
305	630	0.27	18	14.5	8.5	15	108	324	400	0.8	FXT30K274E342EL5
305	630	0.33	18	14.5	8.5	15	132	396	400	0.8	FXT30K334E342EL5
305	630	0.47	18	16	10	15	188	564	400	0.8	FXT30K474E432EL5
305	630	0.56	18	19	11	15	224	672	400	0.8	FXT30K564E472EL5
305	630	0.68	18	19	11	15	272	816	400	0.8	FXT30K684E472EL5
305	630	0.33	26	16.5	7	22.5	66	198	200	0.8	FXT30K334F172FL5
305	630	0.47	26	16.5	7	22.5	94	282	200	0.8	FXT30K474F172FL5
305	630	0.56	26	19	10	22.5	112	336	200	0.8	FXT30K564F242FL5
305	630	0.68	26	19	10	22.5	136	408	200	0.8	FXT30K684F242FL5
305	630	1	26	19	10	22.5	200	600	200	0.8	FXT30K105F242FL5
305	630	1.2	26	22	12	22.5	240	720	200	0.8	FXT30K125F272FL5
305	630	1.5	26	23	13	22.5	300	900	200	0.8	FXT30K155F292FL5
305	630	1.8	26	29.5	14.5	22.5	360	1080	200	0.8	FXT30K185F342FL5
305	630	2	26	29.5	14.5	22.5	400	1200	200	0.8	FXT30K205F342FL5
305	630	2.2	26	29.5	14.5	22.5	440	1320	200	0.8	FXT30K225F342FL5
305	630	0.68	32	18	9	27.5	102	306	150	0.8	FXT30K684G152GL5
305	630	0.82	32	18	9	27.5	123	369	150	0.8	FXT30K824G152GL5
305	630	1	32	20	11	27.5	150	450	150	0.8	FXT30K105G182GL5
305	630	1.2	32	20	11	27.5	180	540	150	0.8	FXT30K125G182GL5
305	630	1.5	32	24.5	13	27.5	225	675	150	0.8	FXT30K155G222GL5
305	630	1.8	32	24.5	13	27.5	270	810	150	0.8	FXT30K185G222GL5
305	630	2.2	32	24	14	27.5	330	990	150	0.8	FXT30K225G252GL5
305	630	2.7	32	28	18	27.5	405	1215	150	0.8	FXT30K275G332GL5
305	630	3.3	32	28	18	27.5	495	1485	150	0.8	FXT30K335G332GL5
305	630	3.3	32	33	18	27.5	495	1485	150	0.8	FXT30K335G342GL5
305	630	3.9	32	33	18	27.5	585	1755	150	0.8	FXT30K395G342GL5
305	630	4.7	32	33	18	27.5	705	2115	150	0.8	FXT30M475G342GL5
305	630	4.7	32	37	22	27.5	705	2115	150	0.8	FXT30K475G402GL5
305	630	5.6	32	37	22	27.5	840	2520	150	0.8	FXT30M565G402GL5
305	630	4.7	42	32	19	37.5	470	1410	100	1.0	FXT30K475K212KL5
305	630	6.8	42	37	22	37.5	680	2040	100	1.0	FXT30K685K272KL5
305	630	6.8	42	40	20	37.5	680	2040	100	1.0	FXT30K685K242KL5
305	630	10	42	44	24	37.5	1000	3000	100	1.0	FXT30K106K322KL5
305	630	12	42	45	30	37.5	1200	3600	100	1.0	FXT30K126K422KL5
305	630	15	42	45	30	37.5	1500	4500	100	1.0	FXT30K156K422KL5
305	630	18	57.5	45	30	52.5	1440	4500	80	1.2	FXT30K186M162ML5
305	630	20	57.5	45	30	52.5	1600	4800	80	1.2	FXT30K206M162ML5
350	700	0.1	18	13.5	6	15	50	150	500	0.6	FXT35K104E182EL5
350	700	0.15	18	13.5	7.5	15	75	225	500	0.8	FXT35K154E292EL5

FXT Series - Class X2 305Vac / 350Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
350	700	0.22	18	14.5	8.5	15	110	330	500	0.8	FXT35K224E342EL5
350	700	0.33	18	16	10	15	165	495	500	0.8	FXT35K334E432EL5
350	700	0.47	18	19	11	15	235	705	500	0.8	FXT35K474E472EL5
350	700	0.47	26	17	8.5	22.5	188	564	400	0.8	FXT35K474F202FL5
350	700	0.56	26	19	10	22.5	224	672	400	0.8	FXT35K564F242FL5
350	700	0.68	26	20	11	22.5	272	816	400	0.8	FXT35K684F262FL5
350	700	0.82	26	22	12	22.5	328	984	400	0.8	FXT35K824F272FL5
350	700	1	26	23	13	22.5	400	1200	400	0.8	FXT35K105F292FL5
350	700	1.2	26	25	15	22.5	480	1440	400	0.8	FXT35K125F362FL5
350	700	1.5	26	29.5	14.5	22.5	600	1800	400	0.8	FXT35K155F342FL5
350	700	1.8	32	28	14	22.5	360	1080	200	0.8	FXT35K185G262GL5
350	700	2.0	32	28	14	27.5	400	1200	200	0.8	FXT35M205G262GL5
350	700	2.2	32	28	18	27.5	440	1320	200	0.8	FXT35K225G332GL5
350	700	2.7	32	28	18	27.5	540	1620	200	0.8	FXT35M275G332GL5
350	700	3.0	32	33	18	27.5	600	1800	200	0.8	FXT35K305G342GL5
350	700	3.3	32	33	18	27.5	660	1980	200	0.8	FXT35M335G342GL5
350	700	3.9	32	37	22	27.5	780	2340	200	0.8	FXT35K395G402GL5
350	700	4.7	32	37	22	27.5	940	2820	200	0.8	FXT35M475G402GL5
350	700	4.7	42	32	19	37.5	470	1410	100	1.0	FXT35K475K212KL5
350	700	5.6	42	37	22	37.5	560	1680	100	1.0	FXT35K565K272KL5

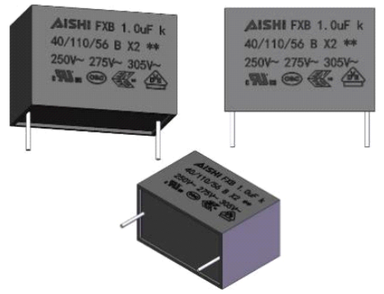
FXB Series - Class X2 305VAC for Capacitive Divider (THB)

Overview

The FXB series is constructed of metallized polypropylene film encapsulated with self-extinguishing resin in a box of material meeting the requirement of UL94V-0. These FXB series robustness design is suitable for harsh environmental conditions and compliant to THB Grade IIIB.

概述

FXB由金属化聚丙烯膜制成，用自熄树脂封装在符合UL94V-0要求的塑料壳内。FXB系列稳固性的设计适合恶劣环境条件，符合THB IIIB等级标准。



Applications

Interference suppression and specifically designed for applications in serial with the main, capacitive power suppliers and energy meter.

应用

用于抑制干扰和专门设计应用于串联结构、电容性电源及电表。

Features

- High stability of capacitance
- High temperature (110°C)
- Self-healing property
- Over voltage stress withstanding
- Flame-retardant plastic case and resin
- Suitable for harsh environmental conditions
- THB Grade IIIB (85°C, 85% RH, 1000h at U_{RAC})

特点

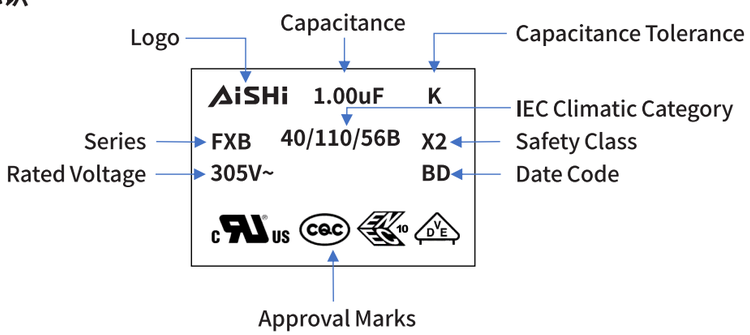
- 高稳定性
- 耐高温 (110°C)
- 良好的自愈能力
- 过电压保护
- 阻燃塑料外壳及树脂
- 适用于严苛环境
- THB IIIB等级
  (85°C, 85%湿度，1倍额定电压，1000小时)

Approvals 认证

Marking	Standard	File Number
cULus	UL 60384-14 CAN/CSA-E60384-14	E500538
10 VDE	IEC 60384-14:2013 IEC 60384-14:2013/AMD1:2016	40051583
CQC	IEC 60384-14 GB/T6346.14-2015	CQC20001245437

FXB Series - Class X2 305VAC for Capacitive Divider (THB)

Marking标识



Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	XB	30	K	105	F29	2FL	5
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	X2, Capacitive Divider Type, Metallized PP Film	305	J = ±5% K = ±10% M = ±20%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Dimension Table	Refer to Terminal Code Table	Refer to Lead Length Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	5.1mm	A
2 leads for straight cut	2	12.5mm	D	7.5mm	C
2 leads for forming cut	E	15.0mm	E	10.2mm	B
4 leads for straight cut	4	22.5mm	F	12.7mm	G
Taping	T	27.5mm	G	20.3mm	D
Taping Straight	V	37.5mm	K	N/A	L
		52.5mm	M		
		N/A	N		

Lead Length Code
引出端长度代码

Lead Length	
20mm min	L
35mm min	B
3.2mm	1
3.5mm	2
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
Taping	T
N/A	N

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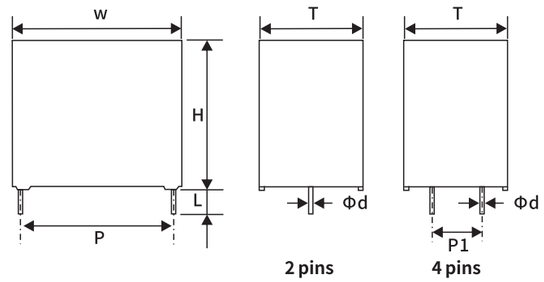
AiSHi THINK AHEAD.
FXB Series - Class X2 305VAC for Capacitive Divider (THB)

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
E29	18.0	0.5	13.5	0.5	7.5	0.5	15.0	0.5	0.8	0.05
E34	18.0	0.5	14.5	0.5	8.5	0.5	15.0	0.5	0.8	0.05
E43	18.0	0.5	16.0	0.5	10.0	0.5	15.0	0.5	0.8	0.05
E47	18.0	0.5	19.0	0.5	11.0	0.5	15.0	0.5	0.8	0.05
F26	26.0	0.5	20.0	0.5	11.0	0.5	22.5	0.5	0.8	0.05
F27	26.0	0.5	22.0	0.5	12.0	0.5	22.5	0.5	0.8	0.05
F29	26.0	0.5	23.0	0.5	13.0	0.5	22.5	0.5	0.8	0.05
G21	32.0	0.8	22.0	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G26	32.0	0.8	28.0	0.8	14.0	0.8	27.5	0.5	0.8	0.05
G27	32.0	0.8	24.5	0.8	15.0	0.8	27.5	0.5	0.8	0.05
G33	32.0	0.8	28.0	0.8	18.0	0.8	27.5	0.5	0.8	0.05
G34	32.0	0.8	33.0	0.8	18.0	0.8	27.5	0.5	0.8	0.05
G40	32.0	0.8	37.0	0.8	22.0	0.8	27.5	0.5	0.8	0.05

FXB Series - Class X2 305VAC for Capacitive Divider (THB)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
305	630	0.1	18	12	6	15	40	120	400	0.6	FXB30K104E172EL5
305	630	0.15	18	13	7	15	60	180	400	0.8	FXB30K154E212EL5
305	630	0.22	18	14.5	8.5	15	88	264	400	0.8	FXB30K224E342EL5
305	630	0.33	18	18	9	15	132	396	400	0.8	FXB30K334E392EL5
305	630	0.47	18	19	11	15	188	564	400	0.8	FXB30K474E472EL5
305	630	0.22	26	15.5	6	22.5	44	132	200	0.6	FXB30K224F142FL5
305	630	0.33	26	16.5	7	22.5	66	198	200	0.8	FXB30K334F172FL5
305	630	0.47	26	17	8.5	22.5	94	282	200	0.8	FXB30K474F202FL5
305	630	0.56	26	16.5	10.5	22.5	112	336	200	0.8	FXB30K564F442FL5
305	630	0.68	26	19	10	22.5	136	408	200	0.8	FXB30K684F242FL5
305	630	0.82	26	20	11	22.5	164	492	200	0.8	FXB30K824F262FL5
305	630	1	26	22	12	22.5	200	600	200	0.8	FXB30K105F272FL5
305	630	1.5	26	27	14	22.5	300	900	200	0.8	FXB30K155F332FL5
305	630	2.2	26	29.5	14.5	22.5	440	1320	200	0.8	FXB30M225F342FL5
305	630	0.68	32	18	9	27.5	102	306	150	0.8	FXB30K684G152GL5
305	630	1	32	20	11	27.5	150	450	150	0.8	FXB30K105G182GL5
305	630	1.2	32	22	13	27.5	180	540	150	0.8	FXB30K125G212GL5
305	630	1.5	32	24	14	27.5	225	675	150	0.8	FXB30K155G252GL5
305	630	1.8	32	28	14	27.5	270	810	150	0.8	FXB30K185G262GL5
305	630	2	32	30	16	27.5	300	900	150	0.8	FXB30K205G322GL5
305	630	2.2	32	30	16	27.5	330	660	150	0.8	FXB30K225G322GL5
305	630	2.2	32	28	18	27.5	330	990	150	0.8	FXB30K225G332GL5
305	630	3.3	32	33	18	27.5	495	1485	150	0.8	FXB30K335G342GL5
305	630	4.7	32	37	22	27.5	705	2115	150	0.8	FXB30K475G402GL5
305	630	2.2	42	24	13	37.5	220	660	100	1.0	FXB30K225K112KL5
305	630	3.3	42	28	17	37.5	330	990	100	1.0	FXB30K335K172KL5
305	630	4.7	42	32	19	37.5	470	1410	100	1.0	FXB30K475K212KL5
305	630	6.8	42	40	20	37.5	680	2040	100	1.0	FXB30K685K242KL5
305	630	8.2	42	37	28	37.5	820	2460	100	1.0	FXB30K825K372KL5
305	630	10	42	43	28	37.5	1000	3000	100	1.0	FXB30K106K392KL5
305	630	15	42	48	33	37.5	1500	4500	100	1.0	FXB30K156K452KL5

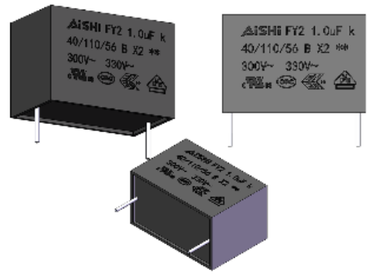
FY2 Series - Class Y2 300Vac/350 Vac

Overview

The FY2 series is constructed of metallized polypropylene film encapsulated with self-extinguishing resin in a box of material meeting the requirement of UL94V-0.

概述

FY2采用金属化聚丙烯膜结构，使用自熄树脂封装于符合UL94V-0要求的塑料壳内。



Applications

Use in EMI filter in line-to-ground and line-by-pass applications requiring Y2 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.

应用

用于要求Y2安全等级的接地，旁路的电磁干扰滤波等应用。适用于电容器失效后不会导致触电危险的场合。

Features

- High stability of capacitance
- High temperature (110°C)
- Self-healing property
- Over voltage stress withstanding
- Flame-retardant plastic case and resin

特点

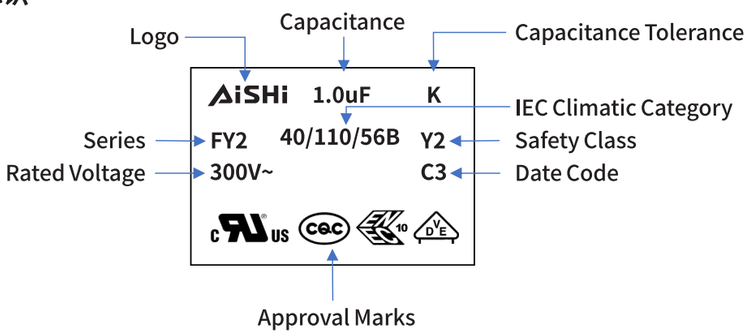
- 高稳定性
- 耐高温 (110°C)
- 良好的自愈能力
- 过电压保护
- 阻燃塑料外壳及树脂

Approvals 认证

Marking	Standard	File Number
c UL us	UL 60384-14 CAN/CSA-E60384-14	E500538
10 VDE	IEC 60384-14:2013 IEC 60384-14:2013/AMD1:2016	40052687
CQC	IEC 60384-14:2013+AMD1:2016 CQC11-471112-2015	CQC20001280148

FY2 Series - Class Y2 300Vac/350 Vac

Marking标识



Manufacturing Date Code生产周期码

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Year	Code	Month	Code
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2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	Y2	30	K	105	K24	2KL	5
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	Class Y2, Metallized PP Film	30=300Vac 35=350Vac	J = ±5% K = ±10% M = ±20%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	5.1mm	A
2 leads for straight cut	2	15.0mm	E	7.5mm	C
2 leads for forming cut	E	22.5mm	F	10.2mm	B
4 leads for straight cut	4	27.5mm	G	12.7mm	G
Taping	T	7.5mm	B	20.3mm	D
Taping Straight	V	5.0mm	A	N/A	L

Lead Length Code
引出端长度代码

Lead Length	
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
Taping	T
N/A	N

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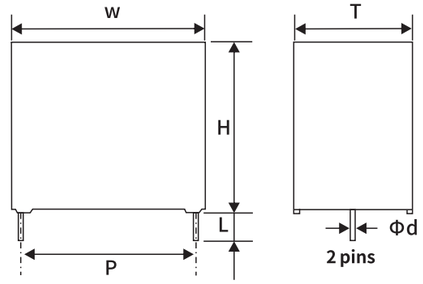
FY2 Series - Class Y2 300Vac/350 Vac

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
C13	13	0.5	11	0.5	5	0.5	10	0.5	0.6	0.05
C16	13	0.5	12	0.5	6	0.5	10	0.5	0.6	0.05
E14	18	0.5	11	0.5	5	0.5	15	0.5	0.6	0.05
E17	18	0.5	12	0.5	6	0.5	15	0.5	0.6	0.05
E29	18	0.5	13.5	0.5	7.5	0.5	15	0.5	0.8	0.05
E34	18	0.5	14.5	0.5	8.5	0.5	15	0.5	0.8	0.05
E47	18	0.5	19	0.5	11	0.5	15	0.5	0.8	0.05
F14	26	0.8	15.5	0.8	6	0.8	22.5	0.5	0.6	0.05
F17	26	0.5	16.5	0.5	7	0.5	22.5	0.5	0.8	0.05
F20	26	0.8	17	0.8	8.5	0.8	22.5	0.5	0.8	0.05
F24	26	0.5	19	0.5	10	0.5	22.5	0.5	0.8	0.05
F27	26	0.5	22	0.5	12	0.5	22.5	0.5	0.8	0.05
F36	26	0.8	25	0.8	15	0.8	22.5	0.5	0.8	0.05
G15	32	0.8	18	0.8	9	0.8	27.5	0.5	0.8	0.05
G18	32	0.8	20	0.8	11	0.8	27.5	0.5	0.8	0.05
G21	32	0.8	22	0.8	13	0.8	27.5	0.5	0.8	0.05
G26	32	0.8	28	0.8	14	0.8	27.5	0.5	0.8	0.05
G33	32	0.8	28	0.8	18	0.8	27.5	0.5	0.8	0.05
G34	32	0.8	33	0.8	18	0.8	27.5	0.5	0.8	0.05
G40	32	0.8	37	0.8	22	0.8	27.5	0.5	0.8	0.05
K11	42	0.8	24	0.8	13	0.8	37.5	0.5	1.0	0.05
K17	42	0.8	28	0.8	17	0.8	37.5	0.5	1.0	0.05
K21	42	0.8	32	0.8	19	0.8	37.5	0.5	1.0	0.05
K24	42	0.8	40	0.8	20	0.8	37.5	0.5	1.0	0.05

FY2 Series - Class Y2 300Vac/350 Vac

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
300	1500	0.001	13	9	4	10	0.8	2.4	800	0.6	FY230K102C112CL5
300	1500	0.0015	13	9	4	10	1.2	3.6	800	0.6	FY230K152C112CL5
300	1500	0.0022	13	9	4	10	1.76	5.28	800	0.6	FY230K222C112CL5
300	1500	0.0033	13	11	5	10	2.64	7.92	800	0.6	FY230K332C132CL5
300	1500	0.0047	13	11	5	10	3.76	11.28	800	0.6	FY230K472C132CL5
300	1500	0.0047	13	12	6	10	3.76	11.28	800	0.6	FY230K472C162CL5
300	1500	0.0068	13	12	6	10	5.44	16.32	800	0.6	FY230K682C162CL5
300	1500	0.01	13	12	6	10	8	24	800	0.6	FY230K103C162CL5
300	1500	0.015	13	12	6	10	12	36	800	0.6	FY230K153C162CL5
300	1500	0.0047	18	11	5	15	2.82	8.46	600	0.6	FY230K472E142EL5
300	1500	0.0056	18	11	5	15	3.36	10.08	600	0.6	FY230K562E142EL5
300	1500	0.0068	18	11	5	15	4.08	12.24	600	0.6	FY230K682E142EL5
300	1500	0.0082	18	11	5	15	4.92	14.76	600	0.6	FY230K822E142EL5
300	1500	0.01	18	11	5	15	6	18	600	0.6	FY230K103E142EL5
300	1500	0.015	18	11	5	15	9	27	600	0.6	FY230K153E142EL5
300	1500	0.018	18	12	6	15	10.8	32.4	600	0.6	FY230K183E172EL5
300	1500	0.022	18	12	6	15	13.2	39.6	600	0.6	FY230K223E172EL5
300	1500	0.033	18	13.5	7.5	15	19.8	59.4	600	0.8	FY230K333E292EL5
300	1500	0.039	18	13.5	7.5	15	23.4	702	600	0.8	FY230K393E292EL5
300	1500	0.047	18	14.5	8.5	15	28.2	84.6	600	0.8	FY230K473E342EL5
300	1500	0.068	18	19	11	15	40.8	122.4	600	0.8	FY230K683E472EL5
300	1500	0.082	18	19	11	15	49.2	147.6	600	0.8	FY230K823E472EL5
300	1500	0.047	26	15.5	6	22.5	23.5	70.5	500	0.6	FY230K473F142FL5
300	1500	0.056	26	15.5	6	22.5	28	84	500	0.6	FY230K563F142FL5
300	1500	0.068	26	16.5	7	22.5	34	102	500	0.8	FY230K683F172FL5
300	1500	0.082	26	16.5	7	22.5	41	123	500	0.8	FY230K823F172FL5
300	1500	0.1	26	17	8.5	22.5	50	150	500	0.8	FY230K104F202FL5
300	1500	0.15	26	19	10	22.5	75	225	500	0.8	FY230K154F242FL5
300	1500	0.22	26	22	12	22.5	110	330	500	0.8	FY230K224F272FL5
300	1500	0.33	26	25	15	22.5	165	495	500	0.8	FY230K334F362FL5
300	1500	0.1	32	18	9	27.5	40	120	400	0.8	FY230K104G152GL5
300	1500	0.15	32	18	9	27.5	60	180	400	0.8	FY230K154G152GL5
300	1500	0.18	32	20	11	27.5	72	216	400	0.8	FY230K184G182GL5
300	1500	0.22	32	20	11	27.5	88	264	400	0.8	FY230K224G182GL5
300	1500	0.27	32	22	13	27.5	108	324	400	0.8	FY230K274G212GL5
300	1500	0.33	32	28	14	27.5	132	396	400	0.8	FY230K334G262GL5
300	1500	0.33	32	22	13	27.5	132	396	400	0.8	FY230M334G212GL5
300	1500	0.47	32	28	18	27.5	188	564	400	0.8	FY230K474G332GL5
300	1500	0.56	32	33	18	27.5	224	672	400	0.8	FY230K564G342GL5
300	1500	0.68	32	33	18	27.5	272	816	400	0.8	FY230K684G342GL5
300	1500	0.82	32	37	22	27.5	328	984	400	0.8	FY230K824G402GL5
300	1500	1	32	37	22	27.5	400	1200	400	0.8	FY230K105G402GL5

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FY2 Series - Class Y2 300Vac/350 Vac

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
300	1500	0.47	42	24	13	37.5	141	423	300	1.0	FY230K474K112KL5
300	1500	0.68	42	28	17	37.5	204	612	300	1.0	FY230K684K172KL5
300	1500	0.82	42	32	19	37.5	246	738	300	1.0	FY230K824K212KL5
300	1500	1	42	40	20	37.5	300	900	300	1.0	FY230K105K242KL5
350	1500	0.0047	18	11	5	15	2.82	8.46	600	0.6	FY235K472E142EL5
350	1500	0.0056	18	11	5	15	3.36	10.08	600	0.6	FY235K562E142EL5
350	1500	0.0068	18	11	5	15	4.08	12.24	600	0.6	FY235K682E142EL5
350	1500	0.0082	18	11	5	15	4.92	14.76	600	0.6	FY235K822E142EL5
350	1500	0.01	18	11	5	15	6	18	600	0.6	FY235K103E142EL5
350	1500	0.012	18	12	6	15	7.2	21.6	600	0.6	FY235K123E172EL5
350	1500	0.015	18	12	6	15	9	27	600	0.6	FY235K153E172EL5
350	1500	0.018	18	13	7	15	10.8	32.4	600	0.8	FY235K183E212EL5
350	1500	0.022	18	13	7	15	13.2	39.6	600	0.8	FY235K223E212EL5
350	1500	0.027	18	14	8	15	16.2	48.6	600	0.8	FY235K273E312EL5
350	1500	0.033	18	14	8	15	19.8	59.4	600	0.8	FY235K333E312EL5
350	1500	0.039	18	14.5	8.5	15	23.4	70.2	600	0.8	FY235M393E342EL5
350	1500	0.039	18	16	10	15	23.4	702	600	0.8	FY235K393E432EL5
350	1500	0.047	18	16	10	15	28.2	84.6	600	0.8	FY235K473E432EL5
350	1500	0.056	18	18	10	15	33.6	100.8	600	0.8	FY235K563E452EL5
350	1500	0.056	18	19	11	15	33.6	100.8	600	0.8	FY235K563E472EL5
350	1500	0.068	18	19	11	15	40.8	122.4	600	0.8	FY235K683E472EL5
350	1500	0.033	26	15.5	6	22.5	16.5	49.5	500	0.6	FY235K333F142FL5
350	1500	0.039	26	15.5	6	22.5	19.5	58.5	500	0.6	FY235K393F142FL5
350	1500	0.047	26	16.5	7	22.5	23.5	70.5	500	0.8	FY235K473F172FL5
350	1500	0.056	26	16.5	7	22.5	28	84	500	0.8	FY235K563F172FL5
350	1500	0.068	26	17	8.5	22.5	34	102	500	0.8	FY235K683F202FL5
350	1500	0.082	26	17	8.5	22.5	41	123	500	0.8	FY235K823F202FL5
350	1500	0.082	26	19	10	22.5	41	123	500	0.8	FY235K823F242FL5
350	1500	0.1	26	19	10	22.5	50	150	500	0.8	FY235K104F242FL5
350	1500	0.12	26	19	10	22.5	60	180	500	0.8	FY235K124F242FL5
350	1500	0.12	26	20	11	22.5	60	180	500	0.8	FY235K124F262FL5
350	1500	0.15	26	20	11	22.5	75	225	500	0.8	FY235K154F262FL5
350	1500	0.15	26	22	12	22.5	75	225	500	0.8	FY235K154F272FL5
350	1500	0.18	26	24.5	13	22.5	90	270	500	0.8	FY235K184F302FL5
350	1500	0.22	26	25	15	22.5	110	330	500	0.8	FY235K224F362FL5
350	1500	0.27	26	29.5	14.5	22.5	135	405	500	0.8	FY235K274F342FL5
350	1500	0.33	26	30	20	22.5	165	495	500	0.8	FY235K334F402FL5
350	1500	0.39	26	30	20	22.5	195	585	500	0.8	FY235K394F402FL5
350	1500	0.1	32	18	9	27.5	40	120	400	0.8	FY235K104G152GL5
350	1500	0.12	32	18	9	27.5	48	144	400	0.8	FY235K124G152GL5
350	1500	0.15	32	18	9	27.5	60	180	400	0.8	FY235K154G152GL5
350	1500	0.15	32	20	11	27.5	60	180	400	0.8	FY235K154G182GL5

FY2 Series - Class Y2 300Vac/350 Vac

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
350	1500	0.18	32	20	11	27.5	72	216	400	0.8	FY235K184G182GL5
350	1500	0.22	32	22	13	27.5	88	264	400	0.8	FY235K224G212GL5
350	1500	0.27	32	24	14	27.5	108	324	400	0.8	FY235K274G252GL5
350	1500	0.33	32	30	16	27.5	132	396	400	0.8	FY235K334G322GL5
350	1500	0.33	32	28	18	27.5	132	396	400	0.8	FY235K334G332GL5
350	1500	0.39	32	30	16	27.5	156	468	400	0.8	FY235K394G322GL5
350	1500	0.39	32	28	18	27.5	156	468	400	0.8	FY235K394G332GL5
350	1500	0.47	32	30	16	27.5	188	564	400	0.8	FY235M474G322GL5
350	1500	0.47	32	33	18	27.5	188	564	400	0.8	FY235K474G342GL5
350	1500	0.56	32	33	18	27.5	224	672	400	0.8	FY235K564G342GL5
350	1500	0.68	32	37	22	27.5	272	816	400	0.8	FY235K684G402GL5
350	1500	0.82	32	37	22	27.5	328	984	400	0.8	FY235M824G402GL5
350	1500	1	32	37	26	27.5	400	1200	400	0.8	FY235M105G442GL5
350	1500	0.33	42	24	13	37.5	99	297	300	1.0	FY235K334K112KL5
350	1500	0.39	42	24	13	37.5	117	351	300	1.0	FY235K394K112KL5
350	1500	0.47	42	30	16	37.5	141	423	300	1.0	FY235K474K142KL5
350	1500	0.47	42	30	16	37.5	141	423	300	1.0	FY235K474K142KL5
350	1500	0.56	42	30	16	37.5	168	504	300	1.0	FY235K564K142KL5
350	1500	0.68	42	32	19	37.5	204	612	300	1.0	FY235K684K212KL5
350	1500	0.82	42	32	19	37.5	246	738	300	1.0	FY235K824K212KL5
350	1500	0.82	42	40	20	37.5	246	738	300	1.0	FY235K824K242KL5
350	1500	1	42	40	20	37.5	300	900	300	1.0	FY235K105K242KL5
350	1500	1.2	42	43	28	37.5	360	1080	300	1.0	FY235K125K392KL5

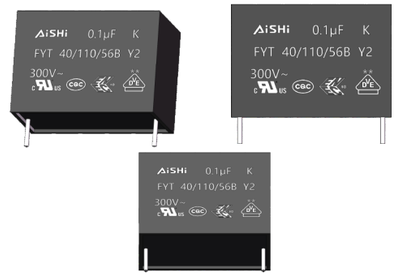
FYT Series - Class Y2 300Vac/350Vac (85°C 85% 1.0U_{RAC} 1000H)

Overview

The FYT series is constructed of metallized polypropylene film encapsulated with self-extinguishing resin in a box of material meeting the requirement of UL94V-0.

概述

FYT采用金属化聚丙烯膜结构，使用自熄树脂封装于符合UL94V-0要求的塑料壳内。



Applications

Use in EMI filter in line-to-ground and line-by-pass applications requiring Y2 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.

应用

用于要求Y2安全等级的接地，旁路的电磁干扰滤波等应用。适用于电容器失效后不会导致触电危险的场合。

Features

- High stability of capacitance
- High temperature (110°C)
- Self-healing property
- Over voltage stress withstanding
- Flame-retardant plastic case and resin
- Suitable for harsh environment conditions
- THB Grade IIIB (85°C, 85% RH, 1000h at U_{RAC})

特点

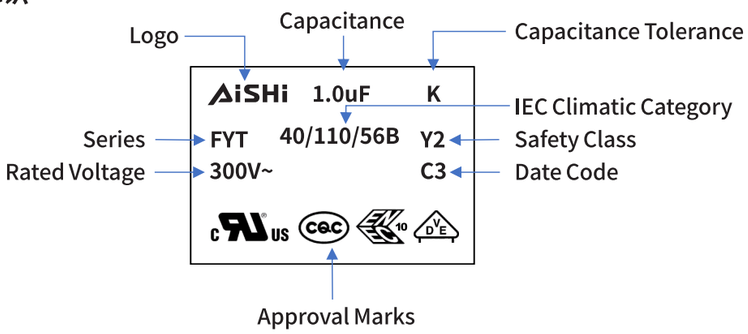
- 高稳定性
- 耐高温 (110°C)
- 良好的自愈能力
- 过电压保护
- 阻燃塑料外壳及树脂
- 适用于严苛环境
- THB IIIB等级
  (85°C, 85%湿度，1倍额定电压，1000小时)

Approvals 认证

Marking	Standard	File Number
cULus	UL 60384-14 CAN/CSA-E60384-14	E500538
EN 10 DVE	IEC 60384-14:2013 IEC 60384-14:2013/AMD1:2016	40052687
CQC	IEC 60384-14:2013+AMD1:2016 CQC11-471112-2015	CQC20001280148

FYT Series - Class Y2 300Vac/350Vac (85°C 85% 1.0U_{RAC} 1000H)

Marking标识



Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	YT	30	K	105	K24	2KL	5
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	Class Y2, THB Type, Metallized PP Film	30=300Vac 35=350Vac	J = ±5% K = ±10% M = ±20%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	5.1mm	A
2 leads for straight cut	2	15.0mm	E	7.5mm	C
2 leads for forming cut	E	22.5mm	F	10.2mm	B
4 leads for straight cut	4	27.5mm	G	12.7mm	G
Taping	T	37.5mm	K	20.3mm	D
Taping Straight	V	N/A	N	N/A	L

Lead Length Code
引出端长度代码

Lead Length	
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
Taping	T
N/A	N

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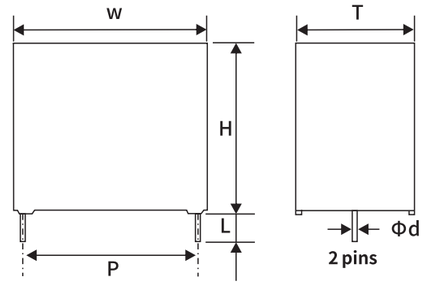
FYT Series - Class Y2 300Vac/350Vac (85°C 85% 1.0U_{RAC} 1000H)

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
C13	13	0.5	11	0.5	5	0.5	10	0.5	0.6	0.05
C16	13	0.5	12	0.5	6	0.5	10	0.5	0.6	0.05
E14	18	0.5	11	0.5	5	0.5	15	0.5	0.6	0.05
E17	18	0.5	12	0.5	6	0.5	15	0.5	0.6	0.05
E29	18	0.5	13.5	0.5	7.5	0.5	15	0.5	0.8	0.05
E34	18	0.5	14.5	0.5	8.5	0.5	15	0.5	0.8	0.05
E47	18	0.5	19	0.5	11	0.5	15	0.5	0.8	0.05
F14	26	0.8	15.5	0.8	6	0.8	22.5	0.5	0.6	0.05
F17	26	0.5	16.5	0.5	7	0.5	22.5	0.5	0.8	0.05
F20	26	0.8	17	0.8	8.5	0.8	22.5	0.5	0.8	0.05
F24	26	0.5	19	0.5	10	0.5	22.5	0.5	0.8	0.05
F27	26	0.5	22	0.5	12	0.5	22.5	0.5	0.8	0.05
F36	26	0.8	25	0.8	15	0.8	22.5	0.5	0.8	0.05
G15	32	0.8	18	0.8	9	0.8	27.5	0.5	0.8	0.05
G18	32	0.8	20	0.8	11	0.8	27.5	0.5	0.8	0.05
G21	32	0.8	22	0.8	13	0.8	27.5	0.5	0.8	0.05
G26	32	0.8	28	0.8	14	0.8	27.5	0.5	0.8	0.05
G33	32	0.8	28	0.8	18	0.8	27.5	0.5	0.8	0.05
G34	32	0.8	33	0.8	18	0.8	27.5	0.5	0.8	0.05
G40	32	0.8	37	0.8	22	0.8	27.5	0.5	0.8	0.05
K11	42	0.8	24	0.8	13	0.8	37.5	0.5	1.0	0.05
K17	42	0.8	28	0.8	17	0.8	37.5	0.5	1.0	0.05
K21	42	0.8	32	0.8	19	0.8	37.5	0.5	1.0	0.05
K24	42	0.8	40	0.8	20	0.8	37.5	0.5	1.0	0.05

FYT Series - Class Y2 300Vac/350Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
300	1500	0.001	13	9	4	10	0.8	2.4	800	0.6	FYT30K102C112CL5
300	1500	0.0015	13	9	4	10	1.2	3.6	800	0.6	FYT30K152C112CL5
300	1500	0.0022	13	9	4	10	1.76	5.28	800	0.6	FYT30K222C112CL5
300	1500	0.0033	13	11	5	10	2.64	7.92	800	0.6	FYT30K332C132CL5
300	1500	0.0047	13	11	5	10	3.76	11.28	800	0.6	FYT30K472C132CL5
300	1500	0.0047	13	12	6	10	3.76	11.28	800	0.6	FYT30K472C162CL5
300	1500	0.0068	13	12	6	10	5.44	16.32	800	0.6	FYT30K682C162CL5
300	1500	0.01	13	12	6	10	8	24	800	0.6	FYT30K103C162CL5
300	1500	0.015	13	12	6	10	12	36	800	0.6	FYT30K153C162CL5
300	1500	0.0047	18	11	5	15	2.82	8.46	600	0.6	FYT30K472E142EL5
300	1500	0.0056	18	11	5	15	3.36	10.08	600	0.6	FYT30K562E142EL5
300	1500	0.0068	18	11	5	15	4.08	12.24	600	0.6	FYT30K682E142EL5
300	1500	0.0082	18	11	5	15	4.92	14.76	600	0.6	FYT30K822E142EL5
300	1500	0.01	18	11	5	15	6	18	600	0.6	FYT30K103E142EL5
300	1500	0.015	18	11	5	15	9	27	600	0.6	FYT30K153E142EL5
300	1500	0.018	18	12	6	15	10.8	32.4	600	0.6	FYT30K183E172EL5
300	1500	0.022	18	12	6	15	13.2	39.6	600	0.6	FYT30K223E172EL5
300	1500	0.033	18	13.5	7.5	15	19.8	59.4	600	0.8	FYT30K333E292EL5
300	1500	0.039	18	13.5	7.5	15	23.4	702	600	0.8	FYT30K393E292EL5
300	1500	0.047	18	14.5	8.5	15	28.2	84.6	600	0.8	FYT30K473E342EL5
300	1500	0.068	18	19	11	15	40.8	122.4	600	0.8	FYT30K683E472EL5
300	1500	0.082	18	19	11	15	49.2	147.6	600	0.8	FYT30K823E472EL5
300	1500	0.047	26	15.5	6	22.5	23.5	70.5	500	0.6	FYT30K473F142FL5
300	1500	0.056	26	15.5	6	22.5	28	84	500	0.6	FYT30K563F142FL5
300	1500	0.068	26	16.5	7	22.5	34	102	500	0.8	FYT30K683F172FL5
300	1500	0.082	26	16.5	7	22.5	41	123	500	0.8	FYT30K823F172FL5
300	1500	0.1	26	17	8.5	22.5	50	150	500	0.8	FYT30K104F202FL5
300	1500	0.15	26	19	10	22.5	75	225	500	0.8	FYT30K154F242FL5
300	1500	0.22	26	22	12	22.5	110	330	500	0.8	FYT30K224F272FL5
300	1500	0.33	26	25	15	22.5	165	495	500	0.8	FYT30K334F362FL5
300	1500	0.1	32	18	9	27.5	40	120	400	0.8	FYT30K104G152GL5
300	1500	0.15	32	18	9	27.5	60	180	400	0.8	FYT30K154G152GL5
300	1500	0.18	32	20	11	27.5	72	216	400	0.8	FYT30K184G182GL5
300	1500	0.22	32	20	11	27.5	88	264	400	0.8	FYT30K224G182GL5
300	1500	0.27	32	22	13	27.5	108	324	400	0.8	FYT30K274G212GL5
300	1500	0.33	32	28	14	27.5	132	396	400	0.8	FYT30K334G262GL5
300	1500	0.33	32	22	13	27.5	132	396	400	0.8	FYT30M334G212GL5
300	1500	0.47	32	28	18	27.5	188	564	400	0.8	FYT30K474G332GL5
300	1500	0.56	32	33	18	27.5	224	672	400	0.8	FYT30K564G342GL5
300	1500	0.68	32	33	18	27.5	272	816	400	0.8	FYT30K684G342GL5
300	1500	0.82	32	37	22	27.5	328	984	400	0.8	FYT30K824G402GL5
300	1500	1	32	37	22	27.5	400	1200	400	0.8	FYT30K105G402GL5

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FYT Series - Class Y2 300Vac/350Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
300	1500	0.47	42	24	13	37.5	141	423	300	1.0	FYT30K474K112KL5
300	1500	0.68	42	28	17	37.5	204	612	300	1.0	FYT30K684K172KL5
300	1500	0.82	42	32	19	37.5	246	738	300	1.0	FYT30K824K212KL5
300	1500	1	42	40	20	37.5	300	900	300	1.0	FYT30K105K242KL5
350	1500	0.0047	18	11	5	15	2.82	8.46	600	0.6	FYT35K472E142EL5
350	1500	0.0056	18	11	5	15	3.36	10.08	600	0.6	FYT35K562E142EL5
350	1500	0.0068	18	11	5	15	4.08	12.24	600	0.6	FYT35K682E142EL5
350	1500	0.0082	18	11	5	15	4.92	14.76	600	0.6	FYT35K822E142EL5
350	1500	0.01	18	11	5	15	6	18	600	0.6	FYT35K103E142EL5
350	1500	0.012	18	12	6	15	7.2	21.6	600	0.6	FYT35K123E172EL5
350	1500	0.015	18	12	6	15	9	27	600	0.6	FYT35K153E172EL5
350	1500	0.018	18	13	7	15	10.8	32.4	600	0.8	FYT35K183E212EL5
350	1500	0.022	18	13	7	15	13.2	39.6	600	0.8	FYT35K223E212EL5
350	1500	0.027	18	14	8	15	16.2	48.6	600	0.8	FYT35K273E312EL5
350	1500	0.033	18	14	8	15	19.8	59.4	600	0.8	FYT35K333E312EL5
350	1500	0.039	18	14.5	8.5	15	23.4	70.2	600	0.8	FYT35M393E342EL5
350	1500	0.039	18	16	10	15	23.4	702	600	0.8	FYT35K393E432EL5
350	1500	0.047	18	16	10	15	28.2	84.6	600	0.8	FYT35K473E432EL5
350	1500	0.056	18	18	10	15	33.6	100.8	600	0.8	FYT35K563E452EL5
350	1500	0.056	18	19	11	15	33.6	100.8	600	0.8	FYT35K563E472EL5
350	1500	0.068	18	19	11	15	40.8	122.4	600	0.8	FYT35K683E472EL5
350	1500	0.033	26	15.5	6	22.5	16.5	49.5	500	0.6	FYT35K333F142FL5
350	1500	0.039	26	15.5	6	22.5	19.5	58.5	500	0.6	FYT35K393F142FL5
350	1500	0.047	26	16.5	7	22.5	23.5	70.5	500	0.8	FYT35K473F172FL5
350	1500	0.056	26	16.5	7	22.5	28	84	500	0.8	FYT35K563F172FL5
350	1500	0.068	26	17	8.5	22.5	34	102	500	0.8	FYT35K683F202FL5
350	1500	0.082	26	17	8.5	22.5	41	123	500	0.8	FYT35K823F202FL5
350	1500	0.082	26	19	10	22.5	41	123	500	0.8	FYT35K823F242FL5
350	1500	0.1	26	19	10	22.5	50	150	500	0.8	FYT35K104F242FL5
350	1500	0.12	26	19	10	22.5	60	180	500	0.8	FYT35K124F242FL5
350	1500	0.12	26	20	11	22.5	60	180	500	0.8	FYT35K124F262FL5
350	1500	0.15	26	20	11	22.5	75	225	500	0.8	FYT35K154F262FL5
350	1500	0.15	26	22	12	22.5	75	225	500	0.8	FYT35K154F272FL5
350	1500	0.18	26	24.5	13	22.5	90	270	500	0.8	FYT35K184F302FL5
350	1500	0.22	26	25	15	22.5	110	330	500	0.8	FYT35K224F362FL5
350	1500	0.27	26	29.5	14.5	22.5	135	405	500	0.8	FYT35K274F342FL5
350	1500	0.33	26	30	20	22.5	165	495	500	0.8	FYT35K334F402FL5
350	1500	0.39	26	30	20	22.5	195	585	500	0.8	FYT35K394F402FL5
350	1500	0.1	32	18	9	27.5	40	120	400	0.8	FYT35K104G152GL5
350	1500	0.12	32	18	9	27.5	48	144	400	0.8	FYT35K124G152GL5
350	1500	0.15	32	18	9	27.5	60	180	400	0.8	FYT35K154G152GL5
350	1500	0.15	32	20	11	27.5	60	180	400	0.8	FYT35K154G182GL5

FYT Series - Class Y2 300Vac/350Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
350	1500	0.18	32	20	11	27.5	72	216	400	0.8	FYT35K184G182GL5
350	1500	0.22	32	22	13	27.5	88	264	400	0.8	FYT35K224G212GL5
350	1500	0.27	32	24	14	27.5	108	324	400	0.8	FYT35K274G252GL5
350	1500	0.33	32	30	16	27.5	132	396	400	0.8	FYT35K334G322GL5
350	1500	0.33	32	28	18	27.5	132	396	400	0.8	FYT35K334G332GL5
350	1500	0.39	32	30	16	27.5	156	468	400	0.8	FYT35K394G322GL5
350	1500	0.39	32	28	18	27.5	156	468	400	0.8	FYT35K394G332GL5
350	1500	0.47	32	30	16	27.5	188	564	400	0.8	FYT35M474G322GL5
350	1500	0.47	32	33	18	27.5	188	564	400	0.8	FYT35K474G342GL5
350	1500	0.56	32	33	18	27.5	224	672	400	0.8	FYT35K564G342GL5
350	1500	0.68	32	37	22	27.5	272	816	400	0.8	FYT35K684G402GL5
350	1500	0.82	32	37	22	27.5	328	984	400	0.8	FYT35M824G402GL5
350	1500	1	32	37	26	27.5	400	1200	400	0.8	FYT35M105G442GL5
350	1500	0.33	42	24	13	37.5	99	297	300	1.0	FYT35K334K112KL5
350	1500	0.39	42	24	13	37.5	117	351	300	1.0	FYT35K394K112KL5
350	1500	0.47	42	30	16	37.5	141	423	300	1.0	FYT35K474K142KL5
350	1500	0.56	42	30	16	37.5	168	504	300	1.0	FYT35K564K142KL5
350	1500	0.68	42	32	19	37.5	204	612	300	1.0	FYT35K684K212KL5
350	1500	0.82	42	32	19	37.5	246	738	300	1.0	FYT35K824K212KL5
350	1500	0.82	42	40	20	37.5	246	738	300	1.0	FYT35K824K242KL5
350	1500	1	42	40	20	37.5	300	900	300	1.0	FYT35K105K242KL5
350	1500	1.2	42	43	28	37.5	360	1080	300	1.0	FYT35K125K392KL5

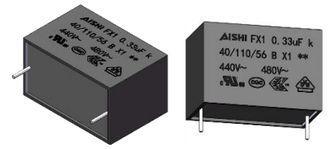
FX1 Series- Class X1 350Vac ~ 760Vac

Overview

The FX1 series is constructed of metallized polypropylene film encapsulated with self-extinguishing resin in a box of material meeting the requirement of UL94V-0.

概述

FX1采用金属化聚丙烯膜结构，使用自熄树脂封装于符合UL94V-0要求的塑料壳内。



Applications

For use as an electromagnetic interference (EMI) suppression filter in across-the-line applications that require X1 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.

应用

作为电磁干扰(EMI)抑制滤波器，在需要X1安全等级的跨接应用中使用。适用于电容器失效时不会造成触电危险的情况。

Features

- High stability of capacitance
- High temperature (110°C)
- Self-healing property
- Over voltage stress withstanding
- Flame-retardant plastic case and resin

特点

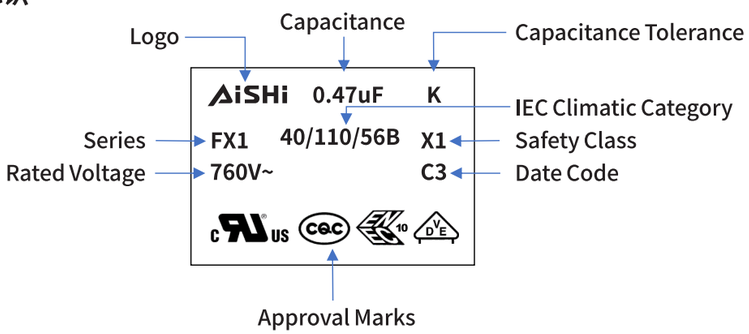
- 高稳定性
- 耐高温 (110°C)
- 良好的自愈能力
- 过电压保护
- 阻燃塑料外壳及树脂

Approvals 认证

Marking	Standard	File Number
c UL us	UL 60384-14 CAN/CSA-E60384-14	E500538
10 DVE	IEC 60384-14:2013 IEC 60384-14:2013/AMD1:2016	40052137
CQC	IEC 60384-14:2013+AMD1:2016 CQC11-471112-2015	CQC20001281016 (350~480Vac) CQC20001281018 (530~760Vac)

FX1 Series- Class X1 350Vac ~ 760Vac

Marking标识



Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	X1	76	K	474	K13	2EL	5
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	Class X1, EMI Capacitor, Metallized PP Film	35=350 44=440 48=480 53=530 60=600 76=760	J= ±5% K= ±10% M= ±20%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	5.1mm	A
2 leads for straight cut	2	12.5mm	D	7.5mm	C
2 leads for forming cut	E	15.0mm	E	10.2mm	B
4 leads for straight cut	4	22.5mm	F	12.7mm	G
Taping	T	27.5mm	G	20.3mm	D
Taping Straight	V	37.5mm	K	N/A	L
		52.5mm	M		
		N/A	N		

Lead Length Code
引出端长度代码

Lead Length	
20mm min	L
35mm min	B
3.2mm	1
3.5mm	2
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
Taping	T
N/A	N

工业及变频家电系列
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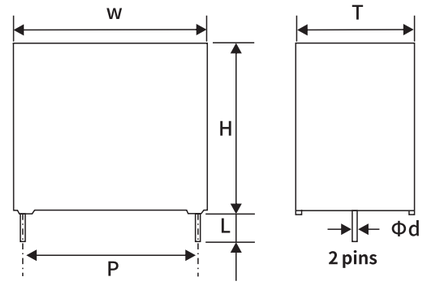
FX1 Series- Class X1 350Vac ~ 760Vac

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
E14	18.0	0.5	11.0	0.5	5.0	0.5	15.0	0.5	0.6	0.05
E17	18.0	0.5	12.0	0.5	6.0	0.5	15.0	0.5	0.6	0.05
E29	18.0	0.5	13.5	0.5	7.5	0.5	15.0	0.5	0.8	0.05
E34	18.0	0.5	14.5	0.5	8.5	0.5	15.0	0.5	0.8	0.05
E39	18.0	0.5	18.0	0.5	9.0	0.5	15.0	0.5	0.8	0.05
E43	18.0	0.5	16.0	0.5	10.0	0.5	15.0	0.5	0.8	0.05
E47	18.0	0.5	19.0	0.5	11.0	0.5	15.0	0.5	0.8	0.05
E52	18.0	0.5	22.0	0.5	12.5	0.5	15.0	0.5	0.8	0.05
F14	26.0	0.5	15.5	0.5	6.0	0.5	22.5	0.5	0.8	0.05
F17	26.0	0.5	16.5	0.5	7.0	0.5	22.5	0.5	0.8	0.05
F20	26.0	0.5	17.0	0.5	8.5	0.5	22.5	0.5	0.8	0.05
F24	26.0	0.5	19.0	0.5	10.0	0.5	22.5	0.5	0.8	0.05
F26	26.0	0.5	20.0	0.5	11.0	0.5	22.5	0.5	0.8	0.05
F27	26.0	0.5	22.0	0.5	12.0	0.5	22.5	0.5	0.8	0.05
F29	26.0	0.5	23.0	0.5	13.0	0.5	22.5	0.5	0.8	0.05
F30	26.0	0.5	24.5	0.5	13.0	0.5	22.5	0.5	0.8	0.05
F34	26.0	0.5	29.5	0.5	14.5	0.5	22.5	0.5	0.8	0.05
F36	26.0	0.5	25.0	0.5	15.0	0.5	22.5	0.5	0.8	0.05
G15	32.0	0.8	18.0	0.8	9.0	0.8	27.5	0.5	0.8	0.05
G18	32.0	0.8	20.0	0.8	11.0	0.8	27.5	0.5	0.8	0.05
G21	32.0	0.8	22.0	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G22	32.0	0.8	24.5	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G26	32.0	0.8	28.0	0.8	14.0	0.8	27.5	0.5	0.8	0.05
G27	32.0	0.8	24.5	0.8	15.0	0.8	27.5	0.5	0.8	0.05
G32	32.0	0.8	30.0	0.8	16.0	0.8	27.5	0.5	0.8	0.05
G33	32.0	0.8	28.0	0.8	18.0	0.8	27.5	0.5	0.8	0.05
G34	32.0	0.8	33.0	0.8	18.0	0.8	27.5	0.5	0.8	0.05
G40	32.0	0.8	37.0	0.8	22.0	0.8	27.5	0.5	0.8	0.05
K11	42.0	1.0	24.0	1.0	13.0	1.0	37.5	0.5	1.0	0.05

FX1 Series- Class X1 350Vac ~ 760Vac

Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
K13	42.0	1.0	26.0	1.0	15.0	1.0	37.5	0.5	1.0	0.05
K18	42.0	1.0	29.0	1.0	17.0	1.0	37.5	0.5	1.0	0.05
K21	42.0	1.0	32.0	1.0	19.0	1.0	37.5	0.5	1.0	0.05
K24	42.0	1.0	40.0	1.0	20.0	1.0	37.5	0.5	1.2	0.05
K27	42.0	1.0	37.0	1.0	22.0	1.0	37.5	0.5	1.2	0.05
K32	42.0	1.0	44.0	1.0	24.0	1.0	37.5	0.5	1.2	0.05
K39	42.0	1.0	43.0	1.0	28.0	1.0	37.5	0.5	1.2	0.05
K42	42.0	1.0	45.0	1.0	30.0	1.0	37.5	0.5	1.2	0.05
K47	42.0	1.0	50.0	1.0	35.0	1.0	37.5	0.5	1.2	0.05
K82	42.0	1.0	32.0	1.0	17.0	1.0	37.5	0.5	1.0	0.05

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FX1 Series- Class X1 350Vac ~ 760Vac

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		µF	mm	mm	mm	mm	A	A	V/us	mm	
350	700	0.01	18	11	5	15	5	15	500	0.6	FX135K103E142EL5
350	700	0.022	18	11	5	15	11	33	500	0.6	FX135K223E142EL5
350	700	0.033	18	11	5	15	16.5	49.5	500	0.6	FX135K333E142EL5
350	700	0.047	18	11	5	15	23.5	70.5	500	0.6	FX135K473E142EL5
350	700	0.068	18	12	6	15	34	102	500	0.6	FX135K683E172EL5
350	700	0.1	18	13.5	7.5	15	50	150	500	0.8	FX135K104E292EL5
350	700	0.15	18	14.5	8.5	15	75	225	500	0.8	FX135K154E342EL5
350	700	022	18	16	10	15	110	330	500	0.8	FX135K224E432EL5
350	700	0.33	18	19	11	15	165	495	500	0.8	FX135K334E472EL5
350	700	0.047	26	15.5	6	22.5	18.8	56.4	400	0.6	FX135K473F142FL5
350	700	0.068	26	15.5	6	22.5	27.2	81.6	400	0.6	FX135K683F142FL5
350	700	0.1	26	15.5	6	22.5	40	120	400	0.6	FX135K104F142FL5
350	700	0.15	26	15.5	6	22.5	60	180	400	0.6	FX135K154F142FL5
350	700	022	26	16.5	7	22.5	88	264	400	0.8	FX135K224F172FL5
350	700	0.33	26	17	8.5	22.5	132	396	400	0.8	FX135K334F202FL5
350	700	047	26	19	10	22.5	188	564	400	0.8	FX135K474F242FL5
350	700	0.68	26	22	12	22.5	272	816	400	0.8	FX135K684F272FL5
350	700	1	26	25	15	22.5	400	1200	400	0.8	FX135K105F362FL5
350	700	0.15	32	18	9	27.5	30	90	200	0.8	FX135K154G152GL5
350	700	022	32	18	9	27.5	44	132	200	0.8	FX135K224G152GL5
350	700	0.33	32	18	9	27.5	66	198	200	0.8	FX135K334G152GL5
350	700	047	32	18	9	27.5	94	282	200	0.8	FX135K474G152GL5
350	700	0.68	32	20	11	27.5	136	408	200	0.8	FX135K684G182GL5
350	700	1	32	22	13	27.5	200	600	200	0.8	FX135K105G212GL5
350	700	1.2	32	28	14	27.5	240	720	200	0.8	FX135K125G262GL5
350	700	1.5	32	30	16	27.5	300	900	200	0.8	FX135K155G322GL5
350	700	2.2	32	33	18	27.5	440	1320	200	0.8	FX135K225G342GL5
350	700	3.3	32	37	22	27.5	660	1980	200	0.8	FX135K335G402GL5
350	700	1	42	24	13	37.5	100	300	100	1.0	FX135K105K112KL5
350	700	1.2	42	24	13	37.5	120	360	100	1.0	FX135K125K112KL5
350	700	1.5	42	26	15	37.5	150	450	100	1.0	FX135K155K132KL5
350	700	1.8	42	26	15	37.5	180	540	100	1.0	FX135K185K132KL5
350	700	2.2	42	30	17	37.5	220	660	100	1.0	FX135K225K182KL5
350	700	2.7	42	32	19	37.5	270	810	100	1.0	FX135K275K212KL5
350	700	3.3	42	32	19	37.5	330	990	100	1.0	FX135K335K212KL5
350	700	4.7	42	37	22	37.5	470	1410	100	1.0	FX135K475K272KL5
350	700	5.6	42	44	24	37.5	560	1680	100	1.0	FX135K565K322KL5
480	1000	0.01	18	11	5	15	6	18	600	0.6	FX148K103E142EL5
480	1000	0.015	18	11	5	15	9	27	600	0.6	FX148K153E142EL5
480	1000	0.018	18	11	5	15	10.8	32.4	600	0.6	FX148K183E142EL5
480	1000	0.022	18	11	5	15	13.2	39.6	600	0.6	FX148K223E142EL5
480	1000	0.033	18	11	5	15	19.8	59.4	600	0.6	FX148K333E142EL5

FX1 Series- Class X1 350Vac ~ 760Vac

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
480	1000	0.047	18	12	6	15	28.2	84.6	600	0.6	FX148K473E172EL5
480	1000	0.068	18	13.5	7.5	15	40.8	122.4	600	0.8	FX148K683E292EL5
480	1000	0.1	18	14.5	8.5	15	60	180	600	0.8	FX148K104E342EL5
480	1000	0.15	18	19	11	15	90	270	600	0.8	FX148K154E472EL5
480	1000	022	18	22	12.5	15	132	396	600	0.8	FX148K224E522EL5
480	1000	0.047	26	15.5	6	22.5	14.1	42.3	300	0.6	FX148K473F142FL5
480	1000	0.056	26	15.5	6	22.5	16.8	50.4	300	0.6	FX148K563F142FL5
480	1000	0.068	26	15.5	6	22.5	20.4	61.2	300	0.6	FX148K683F142FL5
480	1000	0.082	26	15.5	6	22.5	24.6	73.8	300	0.6	FX148K823F142FL5
480	1000	0.1	26	15.5	6	22.5	30	90	300	0.6	FX148K104F142FL5
480	1000	0.15	26	16.5	7	22.5	45	135	300	0.8	FX148K154F172FL5
480	1000	022	26	17	8.5	22.5	66	198	300	0.8	FX148K224F202FL5
480	1000	0.33	26	20	11	22.5	99	297	300	0.8	FX148K334F262FL5
480	1000	047	26	24.5	13	22.5	141	423	300	0.8	FX148K474F302FL5
480	1000	0.56	26	25	15	22.5	168	504	300	0.8	FX148K564F362FL5
480	1000	0.68	26	29.5	14.5	22.5	204	612	300	0.8	FX148K684F342FL5
480	1000	0.15	32	18	9	27.5	30	90	200	0.8	FX148K154G152GL5
480	1000	022	32	18	9	27.5	44	132	200	0.8	FX148K224G152GL5
480	1000	0.33	32	18	9	27.5	66	198	200	0.8	FX148K334G152GL5
480	1000	047	32	20	11	27.5	94	282	200	0.8	FX148K474G182GL5
480	1000	0.56	32	22	13	27.5	112	336	200	0.8	FX148K564G212GL5
480	1000	0.68	32	24.5	13	27.5	136	408	200	0.8	FX148K684G222GL5
480	1000	0.82	32	28	14	27.5	164	492	200	0.8	FX148K824G262GL5
480	1000	1	32	28	18	27.5	200	600	200	0.8	FX148K105G332GL5
480	1000	1.2	32	33	18	27.5	240	720	200	0.8	FX148K125G342GL5
480	1000	1.5	32	33	18	27.5	300	900	200	0.8	FX148K155G342GL5
480	1000	1.8	32	37	22	27.5	360	1080	200	0.8	FX148K185G402GL5
480	1000	0.47	42	24	13	37.5	70.5	211.5	150	1.0	FX148K474K112KL5
480	1000	0.56	42	24	13	37.5	84	252	150	1.0	FX148K564K112KL5
480	1000	0.68	42	24	13	37.5	102	306	150	1.0	FX148K684K112KL5
480	1000	0.82	42	24	13	37.5	123	369	150	1.0	FX148K824K112KL5
480	1000	1	42	24	13	37.5	150	450	150	1.0	FX148K105K112KL5
480	1000	1.2	42	26	15	37.5	180	540	150	1.0	FX148K125K132KL5
480	1000	1.5	42	30	17	37.5	225	675	150	1.0	FX148K155K182KL5
480	1000	1.8	42	32	17	37.5	270	810	150	1.0	FX148K185K822KL5
480	1000	2.2	42	32	19	37.5	330	990	150	1.0	FX148K225K212KL5
480	1000	2.7	42	37	22	37.5	405	1215	150	1.0	FX148K275K272KL5
480	1000	3.3	42	44	24	37.5	495	1485	150	1.0	FX148K335K322KL5
480	1000	3.9	42	43	28	37.5	585	1755	150	1.0	FX148K395K392KL5
480	1000	4.7	42	45	30	37.5	705	2115	150	1.0	FX148K475K422KL5
480	1000	5.6	42	50	35	37.5	840	2520	150	1.0	FX148K565K472KL5
530	1100	0.0068	18	11	5	15	4.08	12.24	600	0.6	FX153K682E142EL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FX1 Series- Class X1 350Vac ~ 760Vac

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
530	1100	0.0082	18	11	5	15	4.92	14.76	600	0.6	FX153K822E142EL5
530	1100	0.01	18	11	5	15	6	18	600	0.6	FX153K103E142EL5
530	1100	0.022	18	12	6	15	13.2	39.6	600	0.6	FX153K223E172EL5
530	1100	0.033	18	13.5	7.5	15	19.8	59.4	600	0.8	FX153K333E292EL5
530	1100	0.047	18	14.5	8.5	15	28.2	84.6	600	0.8	FX153K473E342EL5
530	1100	0.056	18	14.5	8.5	15	33.6	100.8	600	0.8	FX153K563E342EL5
530	1100	0.068	18	18	9	15	40.8	122.4	600	0.8	FX153K683E392EL5
530	1100	0.1	18	19	11	15	60	180	600	0.8	FX153K104E472EL5
530	1100	0.033	26	15.5	6	22.5	9.9	29.7	300	0.6	FX153K333F142FL5
530	1100	0.047	26	15.5	6	22.5	14.1	42.3	300	0.6	FX153K473F142FL5
530	1100	0.056	26	15.5	6	22.5	16.8	50.4	300	0.6	FX153K563F142FL5
530	1100	0.068	26	15.5	6	22.5	20.4	61.2	300	0.6	FX153K683F142FL5
530	1100	0.082	26	15.5	6	22.5	24.6	73.8	300	0.6	FX153M823F142FL5
530	1100	0.1	26	16.5	7	22.5	30	90	300	0.8	FX153K104F172FL5
530	1100	0.15	26	17	8.5	22.5	45	135	300	0.8	FX153K154F202FL5
530	1100	022	26	19	10	22.5	66	198	300	0.8	FX153K224F242FL5
530	1100	0.33	26	22	12	22.5	99	297	300	0.8	FX153K334F272FL5
530	1100	047	26	29.5	14.5	22.5	141	423	300	0.8	FX153K474F342FL5
530	1100	0.15	32	20	11	27.5	30	90	200	0.8	FX153K154G182GL5
530	1100	022	32	20	11	27.5	44	132	200	0.8	FX153K224G182GL5
530	1100	0.33	32	20	11	27.5	66	198	200	0.8	FX153K334G182GL5
530	1100	0.47	32	22	13	27.5	94	282	200	0.8	FX153K474G212GL5
530	1100	0.47	32	24.5	13	27.5	94	282	200	0.8	FX153K474G222GL5
530	1100	0.56	32	24.5	13	27.5	112	336	200	0.8	FX153K564G222GL5
530	1100	0.68	32	24.5	15	27.5	136	408	200	0.8	FX153K684G272GL5
530	1100	0.68	32	28	18	27.5	136	408	200	0.8	FX153K684G332GL5
530	1100	0.82	32	28	18	27.5	164	492	200	0.8	FX153K824G332GL5
530	1100	1	32	33	18	27.5	200	600	200	0.8	FX153K105G342GL5
530	1100	1.5	32	37	22	27.5	300	900	200	0.8	FX153K155G402GL5
530	1100	1.8	32	37	22	27.5	360	1080	200	0.8	FX153M185G402GL5
530	1100	0.56	42	24	13	37.5	84	252	150	1.0	FX153K564K112KL5
530	1100	0.68	42	24	13	37.5	102	306	150	1.0	FX153K684K112KL5
530	1100	0.82	42	26	15	37.5	123	369	150	1.0	FX153K824K132KL5
530	1100	1	42	26	15	37.5	150	450	150	1.0	FX153K105K132KL5
530	1100	1	42	30	17	37.5	150	450	150	1.0	FX153K105K182KL5
530	1100	1.5	42	32	17	37.5	225	675	150	1.0	FX153M155K822KL5
530	1100	2	42	40	20	37.5	300	900	150	1.0	FX153K205K242KL5
760	1500	0.0047	18	11	5	15	3.055	9.165	650	0.6	FX176K472E142EL5
760	1500	0.0056	18	11	5	15	3.64	10.92	650	0.6	FX176K562E142EL5
760	1500	0.0068	18	11	5	15	4.42	13.26	650	0.6	FX176K682E142EL5
760	1500	0.0082	18	11	5	15	5.33	15.99	650	0.6	FX176K822E142EL5
760	1500	0.01	18	11	5	15	6.5	19.5	650	0.6	FX176K103E142EL5

FX1 Series- Class X1 350Vac ~ 760Vac

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
760	1500	0.012	18	12	6	15	7.8	23.4	650	0.6	FX176K123E172EL5
760	1500	0.015	18	12	6	15	9.75	2925	650	0.6	FX176K153E172EL5
760	1500	0.022	18	13.5	7.5	15	14.3	42.9	650	0.8	FX176K223E292EL5
760	1500	0.033	18	14.5	8.5	15	21.45	64.35	650	0.8	FX176K333E342EL5
760	1500	0.047	18	19	11	15	30.55	91.65	650	0.8	FX176K473E472EL5
760	1500	0.01	26	15.5	6	22.5	3.5	10.5	350	0.6	FX176K103F142FL5
760	1500	0.012	26	15.5	6	22.5	42	12.6	350	0.6	FX176K123F142FL5
760	1500	0.015	26	15.5	6	22.5	5.25	15.75	350	0.6	FX176K153F142FL5
760	1500	0.018	26	15.5	6	22.5	6.3	18.9	350	0.6	FX176K183F142FL5
760	1500	0.022	26	15.5	6	22.5	7.7	23.1	350	0.6	FX176K223F142FL5
760	1500	0.027	26	15.5	6	22.5	9.45	28.35	350	0.6	FX176K273F142FL5
760	1500	0.033	26	15.5	6	22.5	11.55	34.65	350	0.6	FX176K333F142FL5
760	1500	0.047	26	15.5	6	22.5	16.45	49.35	350	0.6	FX176K473F142FL5
760	1500	0.056	26	16.5	7	22.5	19.6	58.8	350	0.8	FX176K563F172FL5
760	1500	0.068	26	16.5	7	22.5	23.8	71.4	350	0.8	FX176K683F172FL5
760	1500	0.082	26	17	8.5	22.5	28.7	86.1	350	0.8	FX176K823F202FL5
760	1500	0.1	26	19	10	22.5	35	105	350	0.8	FX176K104F242FL5
760	1500	0.12	26	19	10	22.5	42	126	350	0.8	FX176K124F242FL5
760	1500	0.15	26	19	10	22.5	52.5	157.5	350	0.8	FX176K154F242FL5
760	1500	022	26	23	13	22.5	77	231	350	0.8	FX176K224F292FL5
760	1500	0.33	26	29.5	14.5	22.5	115.5	346.5	350	0.8	FX176K334F342FL5
760	1500	0.056	32	18	9	27.5	19.6	58.8	350	0.8	FX176K563G152GL5
760	1500	0.068	32	18	9	27.5	17	51	250	0.8	FX176K683G152GL5
760	1500	0.082	32	18	9	27.5	20.5	61.5	250	0.8	FX176K823G152GL5
760	1500	0.1	32	18	9	27.5	25	75	250	0.8	FX176K104G152GL5
760	1500	0.15	32	20	11	27.5	37.5	112.5	250	0.8	FX176K154G182GL5
760	1500	022	32	22	13	27.5	55	165	250	0.8	FX176K224G212GL5
760	1500	0.33	32	24.5	15	27.5	82.5	247.5	250	0.8	FX176K334G272GL5
760	1500	0.39	32	28	18	27.5	97.5	292.5	250	0.8	FX176K394G332GL5
760	1500	047	32	33	18	27.5	117.5	352.5	250	0.8	FX176K474G342GL5
760	1500	0.56	32	33	18	27.5	140	420	250	0.8	FX176K564G342GL5
760	1500	0.68	32	37	22	27.5	170	510	250	0.8	FX176K684G402GL5
760	1500	0.33	42	24	13	37.5	66	198	200	1.0	FX176K334K112KL5
760	1500	0.39	42	24	13	37.5	78	234	200	1.0	FX176K394K112KL5
760	1500	0.47	42	26	15	37.5	94	282	200	1.0	FX176K474K132KL5
760	1500	0.56	42	30	17	37.5	112	336	200	1.0	FX176K564K182KL5
760	1500	0.68	42	30	17	37.5	136	408	200	1.0	FX176K684K182KL5
760	1500	0.82	42	32	19	37.5	164	492	200	1.0	FX176K824K212KL5
760	1500	1	42	32	19	37.5	200	600	200	1.0	FX176K105K212KL5
760	1500	1.2	42	37	22	37.5	240	720	200	1.0	FX176K125K272KL5
760	1500	1.5	42	44	24	37.5	300	900	200	1.0	FX176K155K322KL5
760	1500	1.8	42	43	28	37.5	360	1080	200	1.0	FX176K185K392KL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FX1 Series- Class X1 350Vac ~ 760Vac
Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
760	1500	2	42	45	30	37.5	400	1200	200	1.0	FX176K205K422KL5

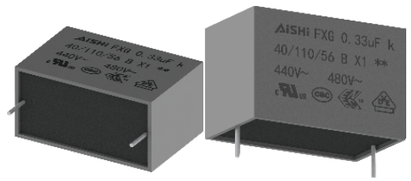
FXG Series - Class X1 350Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Overview

The FXG series is constructed of metallized polypropylene film encapsulated with self-extinguishing resin in a box of material meeting the requirement of UL94V-0. These FXG series robustness design is suitable for high humidity and high temperature environmental and compliant to THB Grade IIIB.

概述

FXG由金属化聚丙烯膜构成，用自熄树脂封装在符合UL94V-0要求的塑料壳内。FXG系列稳固性的设计适合高温高湿环境，符合THB IIIB等级标准。



Applications

For use as an electromagnetic interference (EMI) suppression filter in across-the-line applications that require X1 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.

应用

作为电磁干扰(EMI)抑制滤波器，在需要X1安全等级的跨接应用中使用。适用于电容器失效时不会造成触电危险的情况。

Features

- High stability of capacitance
- High temperature (110°C)
- Self-healing property
- Over voltage stress withstanding
- Flame-retardant plastic case and resin
- Suitable for harsh environment conditions
- THB Grade IIIB (85°C, 85% RH, 1000h at U_{RAC})

特点

- 高稳定性
- 耐高温 (110°C)
- 良好的自愈能力
- 过电压保护
- 阻燃塑料外壳及树脂
- 适用于严苛环境条件
- THB IIIB 等级
  (85°C，85%湿度，1倍额定电压，1000小时)

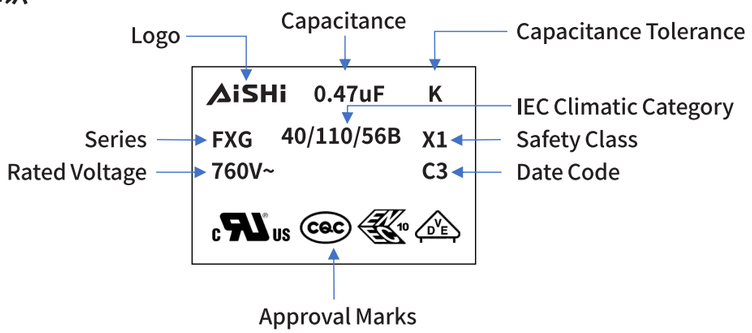
Approvals 认证

Marking	Standard	File Number
cULus	UL 60384-14 CAN/CSA-E60384-14	E500538
VDE	IEC 60384-14:2013 IEC 60384-14:2013/AMD1:2016	40052137
CQC	IEC 60384-14:2013+AMD1:2016 CQC11-471112-2015	CQC20001281016 (350~480Vac) CQC20001281018 (530~760Vac)

AiSHi THINK AHEAD.
工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors

FXG Series - Class X1 350Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Marking标识



Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	XG	76	K	474	K13	2EL	5
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	Class X1, THB Type, Metallized PP Film	35=350 44=440 48=480 53=530 60=600 76=760	J= ±5% K= ±10% M= ±20%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Table

Terminal Code
引出端代码

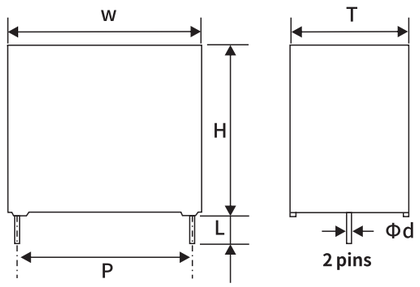
Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	5.1mm	A
2 leads for straight cut	2	12.5mm	D	7.5mm	C
2 leads for forming cut	E	15.0mm	E	10.2mm	B
4 leads for straight cut	4	22.5mm	F	12.7mm	G
Taping	T	27.5mm	G	20.3mm	D
Taping Straight	V	37.5mm	K	N/A	L
		52.5mm	M		
		N/A	N		

Lead Length Code
引出端长度代码

Lead Length	
20mm min	L
35mm min	B
3.2mm	1
3.5mm	2
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
Taping	T
N/A	N

FXG Series - Class X1 350Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
E14	18.0	0.5	11.0	0.5	5.0	0.5	15.0	0.5	0.6	0.05
E17	18.0	0.5	12.0	0.5	6.0	0.5	15.0	0.5	0.6	0.05
E29	18.0	0.5	13.5	0.5	7.5	0.5	15.0	0.5	0.8	0.05
E34	18.0	0.5	14.5	0.5	8.5	0.5	15.0	0.5	0.8	0.05
E39	18.0	0.5	18.0	0.5	9.0	0.5	15.0	0.5	0.8	0.05
E43	18.0	0.5	16.0	0.5	10.0	0.5	15.0	0.5	0.8	0.05
E47	18.0	0.5	19.0	0.5	11.0	0.5	15.0	0.5	0.8	0.05
E52	18.0	0.5	22.0	0.5	12.5	0.5	15.0	0.5	0.8	0.05
F14	26.0	0.5	15.5	0.5	6.0	0.5	22.5	0.5	0.8	0.05
F17	26.0	0.5	16.5	0.5	7.0	0.5	22.5	0.5	0.8	0.05
F20	26.0	0.5	17.0	0.5	8.5	0.5	22.5	0.5	0.8	0.05
F24	26.0	0.5	19.0	0.5	10.0	0.5	22.5	0.5	0.8	0.05
F26	26.0	0.5	20.0	0.5	11.0	0.5	22.5	0.5	0.8	0.05
F27	26.0	0.5	22.0	0.5	12.0	0.5	22.5	0.5	0.8	0.05
F29	26.0	0.5	23.0	0.5	13.0	0.5	22.5	0.5	0.8	0.05
F30	26.0	0.5	24.5	0.5	13.0	0.5	22.5	0.5	0.8	0.05
F34	26.0	0.5	29.5	0.5	14.5	0.5	22.5	0.5	0.8	0.05
F36	26.0	0.5	25.0	0.5	15.0	0.5	22.5	0.5	0.8	0.05
G15	32.0	0.8	18.0	0.8	9.0	0.8	27.5	0.5	0.8	0.05
G18	32.0	0.8	20.0	0.8	11.0	0.8	27.5	0.5	0.8	0.05
G21	32.0	0.8	22.0	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G22	32.0	0.8	24.5	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G26	32.0	0.8	28.0	0.8	14.0	0.8	27.5	0.5	0.8	0.05
G27	32.0	0.8	24.5	0.8	15.0	0.8	27.5	0.5	0.8	0.05
G32	32.0	0.8	30.0	0.8	16.0	0.8	27.5	0.5	0.8	0.05
G33	32.0	0.8	28.0	0.8	18.0	0.8	27.5	0.5	0.8	0.05
G34	32.0	0.8	33.0	0.8	18.0	0.8	27.5	0.5	0.8	0.05
G40	32.0	0.8	37.0	0.8	22.0	0.8	27.5	0.5	0.8	0.05
K11	42.0	1.0	24.0	1.0	13.0	1.0	37.5	0.5	1.0	0.05

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FXG Series - Class X1 350Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
K13	42.0	1.0	26.0	1.0	15.0	1.0	37.5	0.5	1.0	0.05
K18	42.0	1.0	29.0	1.0	17.0	1.0	37.5	0.5	1.0	0.05
K21	42.0	1.0	32.0	1.0	19.0	1.0	37.5	0.5	1.0	0.05
K24	42.0	1.0	40.0	1.0	20.0	1.0	37.5	0.5	1.2	0.05
K27	42.0	1.0	37.0	1.0	22.0	1.0	37.5	0.5	1.2	0.05
K32	42.0	1.0	44.0	1.0	24.0	1.0	37.5	0.5	1.2	0.05
K39	42.0	1.0	43.0	1.0	28.0	1.0	37.5	0.5	1.2	0.05
K42	42.0	1.0	45.0	1.0	30.0	1.0	37.5	0.5	1.2	0.05
K47	42.0	1.0	50.0	1.0	35.0	1.0	37.5	0.5	1.2	0.05
K82	42.0	1.0	32.0	1.0	17.0	1.0	37.5	0.5	1.0	0.05

FXG Series - Class X1 350Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
350	700	0.01	18	11	5	15	5	15	500	0.6	FXG35K103E142EL5
350	700	0.022	18	11	5	15	11	33	500	0.6	FXG35K223E142EL5
350	700	0.033	18	11	5	15	16.5	49.5	500	0.6	FXG35K333E142EL5
350	700	0.047	18	11	5	15	23.5	70.5	500	0.6	FXG35K473E142EL5
350	700	0.068	18	12	6	15	34	102	500	0.6	FXG35K683E172EL5
350	700	0.1	18	13.5	7.5	15	50	150	500	0.8	FXG35K104E292EL5
350	700	0.15	18	14.5	8.5	15	75	225	500	0.8	FXG35K154E342EL5
350	700	022	18	16	10	15	110	330	500	0.8	FXG35K224E432EL5
350	700	0.33	18	19	11	15	165	495	500	0.8	FXG35K334E472EL5
350	700	0.047	26	15.5	6	22.5	18.8	56.4	400	0.6	FXG35K473F142FL5
350	700	0.068	26	15.5	6	22.5	27.2	81.6	400	0.6	FXG35K683F142FL5
350	700	0.1	26	15.5	6	22.5	40	120	400	0.6	FXG35K104F142FL5
350	700	0.15	26	15.5	6	22.5	60	180	400	0.6	FXG35K154F142FL5
350	700	022	26	16.5	7	22.5	88	264	400	0.8	FXG35K224F172FL5
350	700	0.33	26	17	8.5	22.5	132	396	400	0.8	FXG35K334F202FL5
350	700	047	26	19	10	22.5	188	564	400	0.8	FXG35K474F242FL5
350	700	0.68	26	22	12	22.5	272	816	400	0.8	FXG35K684F272FL5
350	700	1	26	25	15	22.5	400	1200	400	0.8	FXG35K105F362FL5
350	700	0.15	32	18	9	27.5	30	90	200	0.8	FXG35K154G152GL5
350	700	022	32	18	9	27.5	44	132	200	0.8	FXG35K224G152GL5
350	700	0.33	32	18	9	27.5	66	198	200	0.8	FXG35K334G152GL5
350	700	047	32	18	9	27.5	94	282	200	0.8	FXG35K474G152GL5
350	700	0.68	32	20	11	27.5	136	408	200	0.8	FXG35K684G182GL5
350	700	1	32	22	13	27.5	200	600	200	0.8	FXG35K105G212GL5
350	700	1.2	32	28	14	27.5	240	720	200	0.8	FXG35K125G262GL5
350	700	1.5	32	30	16	27.5	300	900	200	0.8	FXG35K155G322GL5
350	700	2.2	32	33	18	27.5	440	1320	200	0.8	FXG35K225G342GL5
350	700	3.3	32	37	22	27.5	660	1980	200	0.8	FXG35K335G402GL5
350	700	1	42	24	13	37.5	100	300	100	1.0	FXG35K105K112KL5
350	700	1.2	42	24	13	37.5	120	360	100	1.0	FXG35K125K112KL5
350	700	1.5	42	26	15	37.5	150	450	100	1.0	FXG35K155K132KL5
350	700	1.8	42	26	15	37.5	180	540	100	1.0	FXG35K185K132KL5
350	700	2.2	42	30	17	37.5	220	660	100	1.0	FXG35K225K182KL5
350	700	2.7	42	32	19	37.5	270	810	100	1.0	FXG35K275K212KL5
350	700	3.3	42	32	19	37.5	330	990	100	1.0	FXG35K335K212KL5
350	700	4.7	42	37	22	37.5	470	1410	100	1.0	FXG35K475K272KL5
350	700	5.6	42	44	24	37.5	560	1680	100	1.0	FXG35K565K322KL5
480	1000	0.01	18	11	5	15	6	18	600	0.6	FXG48K103E142EL5
480	1000	0.015	18	11	5	15	9	27	600	0.6	FXG48K153E142EL5
480	1000	0.018	18	11	5	15	10.8	32.4	600	0.6	FXG48K183E142EL5
480	1000	0.022	18	11	5	15	13.2	39.6	600	0.6	FXG48K223E142EL5
480	1000	0.033	18	11	5	15	19.8	59.4	600	0.6	FXG48K333E142EL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FXG Series - Class X1 350Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
480	1000	0.047	18	12	6	15	28.2	84.6	600	0.6	FXG48K473E172EL5
480	1000	0.068	18	13.5	7.5	15	40.8	122.4	600	0.8	FXG48K683E292EL5
480	1000	0.1	18	14.5	8.5	15	60	180	600	0.8	FXG48K104E342EL5
480	1000	0.15	18	19	11	15	90	270	600	0.8	FXG48K154E472EL5
480	1000	022	18	22	12.5	15	132	396	600	0.8	FXG48K224E522EL5
480	1000	0.047	26	15.5	6	22.5	14.1	42.3	300	0.6	FXG48K473F142FL5
480	1000	0.056	26	15.5	6	22.5	16.8	50.4	300	0.6	FXG48K563F142FL5
480	1000	0.068	26	15.5	6	22.5	20.4	61.2	300	0.6	FXG48K683F142FL5
480	1000	0.082	26	15.5	6	22.5	24.6	73.8	300	0.6	FXG48K823F142FL5
480	1000	0.1	26	15.5	6	22.5	30	90	300	0.6	FXG48K104F142FL5
480	1000	0.15	26	16.5	7	22.5	45	135	300	0.8	FXG48K154F172FL5
480	1000	022	26	17	8.5	22.5	66	198	300	0.8	FXG48K224F202FL5
480	1000	0.33	26	20	11	22.5	99	297	300	0.8	FXG48K334F262FL5
480	1000	047	26	24.5	13	22.5	141	423	300	0.8	FXG48K474F302FL5
480	1000	0.56	26	25	15	22.5	168	504	300	0.8	FXG48K564F362FL5
480	1000	0.68	26	29.5	14.5	22.5	204	612	300	0.8	FXG48K684F342FL5
480	1000	0.15	32	18	9	27.5	30	90	200	0.8	FXG48K154G152GL5
480	1000	022	32	18	9	27.5	44	132	200	0.8	FXG48K224G152GL5
480	1000	0.33	32	18	9	27.5	66	198	200	0.8	FXG48K334G152GL5
480	1000	047	32	20	11	27.5	94	282	200	0.8	FXG48K474G182GL5
480	1000	0.56	32	22	13	27.5	112	336	200	0.8	FXG48K564G212GL5
480	1000	0.68	32	24.5	13	27.5	136	408	200	0.8	FXG48K684G222GL5
480	1000	0.82	32	28	14	27.5	164	492	200	0.8	FXG48K824G262GL5
480	1000	1	32	28	18	27.5	200	600	200	0.8	FXG48K105G332GL5
480	1000	1.2	32	33	18	27.5	240	720	200	0.8	FXG48K125G342GL5
480	1000	1.5	32	33	18	27.5	300	900	200	0.8	FXG48K155G342GL5
480	1000	1.8	32	37	22	27.5	360	1080	200	0.8	FXG48K185G402GL5
480	1000	0.47	42	24	13	37.5	70.5	211.5	150	1.0	FXG48K474K112KL5
480	1000	0.56	42	24	13	37.5	84	252	150	1.0	FXG48K564K112KL5
480	1000	0.68	42	24	13	37.5	102	306	150	1.0	FXG48K684K112KL5
480	1000	0.82	42	24	13	37.5	123	369	150	1.0	FXG48K824K112KL5
480	1000	1	42	24	13	37.5	150	450	150	1.0	FXG48K105K112KL5
480	1000	1.2	42	26	15	37.5	180	540	150	1.0	FXG48K125K132KL5
480	1000	1.5	42	30	17	37.5	225	675	150	1.0	FXG48K155K182KL5
480	1000	1.8	42	32	17	37.5	270	810	150	1.0	FXG48K185K822KL5
480	1000	2.2	42	32	19	37.5	330	990	150	1.0	FXG48K225K212KL5
480	1000	2.7	42	37	22	37.5	405	1215	150	1.0	FXG48K275K272KL5
480	1000	3.3	42	44	24	37.5	495	1485	150	1.0	FXG48K335K322KL5
480	1000	3.9	42	43	28	37.5	585	1755	150	1.0	FXG48K395K392KL5
480	1000	4.7	42	45	30	37.5	705	2115	150	1.0	FXG48K475K422KL5
480	1000	5.6	42	50	35	37.5	840	2520	150	1.0	FXG48K565K472KL5
530	1100	0.0068	18	11	5	15	4.08	12.24	600	0.6	FXG53K682E142EL5

FXG Series - Class X1 350Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
530	1100	0.0082	18	11	5	15	4.92	14.76	600	0.6	FXG53K822E142EL5
530	1100	0.01	18	11	5	15	6	18	600	0.6	FXG53K103E142EL5
530	1100	0.022	18	12	6	15	13.2	39.6	600	0.6	FXG53K223E172EL5
530	1100	0.033	18	13.5	7.5	15	19.8	59.4	600	0.8	FXG53K333E292EL5
530	1100	0.047	18	14.5	8.5	15	28.2	84.6	600	0.8	FXG53K473E342EL5
530	1100	0.056	18	14.5	8.5	15	33.6	100.8	600	0.8	FXG53K563E342EL5
530	1100	0.068	18	18	9	15	40.8	122.4	600	0.8	FXG53K683E392EL5
530	1100	0.1	18	19	11	15	60	180	600	0.8	FXG53K104E472EL5
530	1100	0.033	26	15.5	6	22.5	9.9	29.7	300	0.6	FXG53K333F142FL5
530	1100	0.047	26	15.5	6	22.5	14.1	42.3	300	0.6	FXG53K473F142FL5
530	1100	0.056	26	15.5	6	22.5	16.8	50.4	300	0.6	FXG53K563F142FL5
530	1100	0.068	26	15.5	6	22.5	20.4	61.2	300	0.6	FXG53K683F142FL5
530	1100	0.082	26	15.5	6	22.5	24.6	73.8	300	0.6	FXG53M823F142FL5
530	1100	0.1	26	16.5	7	22.5	30	90	300	0.8	FXG53K104F172FL5
530	1100	0.15	26	17	8.5	22.5	45	135	300	0.8	FXG53K154F202FL5
530	1100	022	26	19	10	22.5	66	198	300	0.8	FXG53K224F242FL5
530	1100	0.33	26	22	12	22.5	99	297	300	0.8	FXG53K334F272FL5
530	1100	047	26	29.5	14.5	22.5	141	423	300	0.8	FXG53K474F342FL5
530	1100	0.15	32	20	11	27.5	30	90	200	0.8	FXG53K154G182GL5
530	1100	022	32	20	11	27.5	44	132	200	0.8	FXG53K224G182GL5
530	1100	0.33	32	20	11	27.5	66	198	200	0.8	FXG53K334G182GL5
530	1100	0.47	32	22	13	27.5	94	282	200	0.8	FXG53K474G212GL5
530	1100	0.47	32	24.5	13	27.5	94	282	200	0.8	FXG53K474G222GL5
530	1100	0.56	32	24.5	13	27.5	112	336	200	0.8	FXG53K564G222GL5
530	1100	0.68	32	24.5	15	27.5	136	408	200	0.8	FXG53K684G272GL5
530	1100	0.68	32	28	18	27.5	136	408	200	0.8	FXG53K684G332GL5
530	1100	0.82	32	28	18	27.5	164	492	200	0.8	FXG53K824G332GL5
530	1100	1	32	33	18	27.5	200	600	200	0.8	FXG53K105G342GL5
530	1100	1.5	32	37	22	27.5	300	900	200	0.8	FXG53K155G402GL5
530	1100	1.8	32	37	22	27.5	360	1080	200	0.8	FXG53M185G402GL5
530	1100	0.56	42	24	13	37.5	84	252	150	1.0	FXG53K564K112KL5
530	1100	0.68	42	24	13	37.5	102	306	150	1.0	FXG53K684K112KL5
530	1100	0.82	42	26	15	37.5	123	369	150	1.0	FXG53K824K132KL5
530	1100	1	42	26	15	37.5	150	450	150	1.0	FXG53K105K132KL5
530	1100	1	42	30	17	37.5	150	450	150	1.0	FXG53K105K182KL5
530	1100	1.5	42	32	17	37.5	225	675	150	1.0	FXG53M155K822KL5
530	1100	2	42	40	20	37.5	300	900	150	1.0	FXG53K205K242KL5
760	1500	0.0047	18	11	5	15	3.055	9.165	650	0.6	FXG76K472E142EL5
760	1500	0.0056	18	11	5	15	3.64	10.92	650	0.6	FXG76K562E142EL5
760	1500	0.0068	18	11	5	15	4.42	13.26	650	0.6	FXG76K682E142EL5
760	1500	0.0082	18	11	5	15	5.33	15.99	650	0.6	FXG76K822E142EL5
760	1500	0.01	18	11	5	15	6.5	19.5	650	0.6	FXG76K103E142EL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FXG Series - Class X1 350Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
760	1500	0.012	18	12	6	15	7.8	23.4	650	0.6	FXG76K123E172EL5
760	1500	0.015	18	12	6	15	9.75	2925	650	0.6	FXG76K153E172EL5
760	1500	0.022	18	13.5	7.5	15	14.3	42.9	650	0.8	FXG76K223E292EL5
760	1500	0.033	18	14.5	8.5	15	21.45	64.35	650	0.8	FXG76K333E342EL5
760	1500	0.047	18	19	11	15	30.55	91.65	650	0.8	FXG76K473E472EL5
760	1500	0.01	26	15.5	6	22.5	3.5	10.5	350	0.6	FXG76K103F142FL5
760	1500	0.012	26	15.5	6	22.5	42	12.6	350	0.6	FXG76K123F142FL5
760	1500	0.015	26	15.5	6	22.5	5.25	15.75	350	0.6	FXG76K153F142FL5
760	1500	0.018	26	15.5	6	22.5	6.3	18.9	350	0.6	FXG76K183F142FL5
760	1500	0.022	26	15.5	6	22.5	7.7	23.1	350	0.6	FXG76K223F142FL5
760	1500	0.027	26	15.5	6	22.5	9.45	28.35	350	0.6	FXG76K273F142FL5
760	1500	0.033	26	15.5	6	22.5	11.55	34.65	350	0.6	FXG76K333F142FL5
760	1500	0.047	26	15.5	6	22.5	16.45	49.35	350	0.6	FXG76K473F142FL5
760	1500	0.056	26	16.5	7	22.5	19.6	58.8	350	0.8	FXG76K563F172FL5
760	1500	0.068	26	16.5	7	22.5	23.8	71.4	350	0.8	FXG76K683F172FL5
760	1500	0.082	26	17	8.5	22.5	28.7	86.1	350	0.8	FXG76K823F202FL5
760	1500	0.1	26	19	10	22.5	35	105	350	0.8	FXG76K104F242FL5
760	1500	0.12	26	19	10	22.5	42	126	350	0.8	FXG76K124F242FL5
760	1500	0.15	26	19	10	22.5	52.5	157.5	350	0.8	FXG76K154F242FL5
760	1500	022	26	23	13	22.5	77	231	350	0.8	FXG76K224F292FL5
760	1500	0.33	26	29.5	14.5	22.5	115.5	346.5	350	0.8	FXG76K334F342FL5
760	1500	0.056	32	18	9	27.5	19.6	58.8	350	0.8	FXG76K563G152GL5
760	1500	0.068	32	18	9	27.5	17	51	250	0.8	FXG76K683G152GL5
760	1500	0.082	32	18	9	27.5	20.5	61.5	250	0.8	FXG76K823G152GL5
760	1500	0.1	32	18	9	27.5	25	75	250	0.8	FXG76K104G152GL5
760	1500	0.15	32	20	11	27.5	37.5	112.5	250	0.8	FXG76K154G182GL5
760	1500	022	32	22	13	27.5	55	165	250	0.8	FXG76K224G212GL5
760	1500	0.33	32	24.5	15	27.5	82.5	247.5	250	0.8	FXG76K334G272GL5
760	1500	0.39	32	28	18	27.5	97.5	292.5	250	0.8	FXG76K394G332GL5
760	1500	047	32	33	18	27.5	117.5	352.5	250	0.8	FXG76K474G342GL5
760	1500	0.56	32	33	18	27.5	140	420	250	0.8	FXG76K564G342GL5
760	1500	0.68	32	37	22	27.5	170	510	250	0.8	FXG76K684G402GL5
760	1500	0.33	42	24	13	37.5	66	198	200	1.0	FXG76K334K112KL5
760	1500	0.39	42	24	13	37.5	78	234	200	1.0	FXG76K394K112KL5
760	1500	0.47	42	26	15	37.5	94	282	200	1.0	FXG76K474K132KL5
760	1500	0.56	42	30	17	37.5	112	336	200	1.0	FXG76K564K182KL5
760	1500	0.68	42	30	17	37.5	136	408	200	1.0	FXG76K684K182KL5
760	1500	0.82	42	32	19	37.5	164	492	200	1.0	FXG76K824K212KL5
760	1500	1	42	32	19	37.5	200	600	200	1.0	FXG76K105K212KL5
760	1500	1.2	42	37	22	37.5	240	720	200	1.0	FXG76K125K272KL5
760	1500	1.5	42	44	24	37.5	300	900	200	1.0	FXG76K155K322KL5
760	1500	1.8	42	43	28	37.5	360	1080	200	1.0	FXG76K185K392KL5

FXG Series - Class X1 350Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
760	1500	2	42	45	30	37.5	400	1200	200	1.0	FXG76K205K422KL5

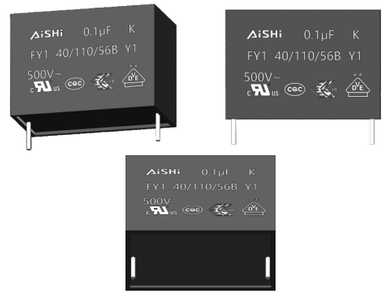
FY1 Series - Class Y1 500Vac

Overview

The FY1 series is constructed of metallized polypropylene film encapsulated with self-extinguishing resin in a box of material meeting the requirement of UL94V-0.

概述

FY1采用金属化聚丙烯膜结构，使用自熄树脂封装于符合UL94V-0要求的塑料壳内。



Applications

Use in EMI filter in line-to-ground and line-by-pass applications requiring Y1 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.

应用

用于要求Y1安全等级的接地，旁路的电磁干扰滤波等应用。适用于电容器失效后不会导致触电危险的场合。

Features

- High stability of capacitance
- High temperature (110°C)
- Self-healing property
- Over voltage stress withstanding
- Flame-retardant plastic case and resin

特点

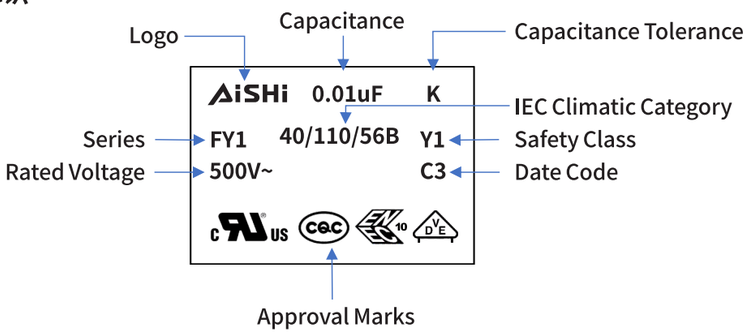
- 高稳定性
- 耐高温 (110°C)
- 良好的自愈能力
- 过电压保护
- 阻燃塑料外壳及树脂

Approvals 认证

Marking	Standard	File Number
c UL us	UL 60384-14 CAN/CSA-E60384-14	3Q-2023
ENEC 10 VDE	IEC 60384-14:2013 IEC 60384-14:2013/AMD1:2016	40056757
CQC	IEC 60384-14:2013+AMD1:2016 CQC11-471112-2015	3Q-2023

FY1 Series - Class Y1 500Vac

Marking标识



Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	Y1	50	K	103	E47	2EL	5
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	Class Y1, Metallized PP Film	40=400Vac 50=500Vac	J = ±5% K = ±10% M = ±20%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	5.1mm	A
2 leads for straight cut	2	15.0mm	E	7.5mm	C
2 leads for forming cut	E	22.5mm	F	10.2mm	B
4 leads for straight cut	4	27.5mm	G	12.7mm	G
Taping	T	37.5mm	K	20.3mm	D
Taping Straight	V	N/A	N	N/A	L

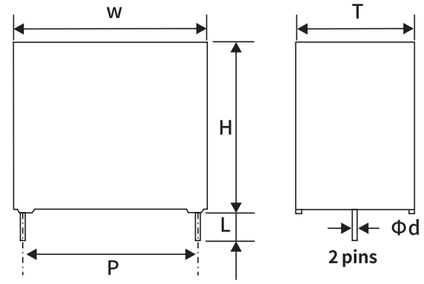
Lead Length Code
引出端长度代码

Lead Length	
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
Taping	T
N/A	N

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FY1 Series - Class Y1 500Vac

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
E14	18	0.5	11	0.5	5	0.5	15	0.5	0.6	0.05
E17	18	0.5	12	0.5	6	0.5	15	0.5	0.8	0.05
E29	18	0.5	13.5	0.5	7.5	0.5	15	0.5	0.8	0.05
E34	18	0.5	14.5	0.5	8.5	0.5	15	0.5	0.8	0.05
E43	18	0.5	16	0.5	10	0.5	15	0.5	0.8	0.05
E47	18	0.5	19	0.5	11	0.5	15	0.5	0.8	0.05
F14	26	0.5	15.5	0.5	6	0.5	22.5	0.5	0.6	0.05
F17	26	0.5	16.5	0.5	7	0.5	22.5	0.5	0.8	0.05
F20	26	0.5	17	0.5	8.5	0.5	22.5	0.5	0.8	0.05
F24	26	0.5	19	0.5	10	0.5	22.5	0.5	0.8	0.05
F26	26	0.5	20	0.5	11	0.5	22.5	0.5	0.8	0.05
F27	26	0.5	22	0.5	12	0.5	22.5	0.5	0.8	0.05
G15	32	0.8	18	0.8	9	0.8	27.5	0.5	0.8	0.05
G18	32	0.8	20	0.8	11	0.8	27.5	0.5	0.8	0.05
G21	32	0.8	22	0.8	13	0.8	27.5	0.5	0.8	0.05
G26	32	0.8	28	0.8	14	0.8	27.5	0.5	0.8	0.05
G27	32	0.8	24.5	0.8	15	0.8	27.5	0.5	0.8	0.05
G32	32	0.8	30	0.8	16	0.8	27.5	0.5	0.8	0.05
G34	32	0.8	33	0.8	18	0.8	27.5	0.5	0.8	0.05
G40	32	0.8	37	0.8	22	0.8	27.5	0.5	0.8	0.05

FY1 Series - Class Y1 500Vac

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
500	3000	0.00047	18	11	5	15	0.94	2.82	2000	0.6	FY150K471E142EL5
500	3000	0.00056	18	11	5	15	1.12	3.36	2000	0.6	FY150K561E142EL5
500	3000	0.00068	18	11	5	15	1.36	4.08	2000	0.6	FY150K681E142EL5
500	3000	0.00082	18	11	5	15	1.64	4.92	2000	0.6	FY150K821E142EL5
500	3000	0.001	18	11	5	15	2	6	2000	0.6	FY150K102E142EL5
500	3000	0.0012	18	11	5	15	2.4	7.2	2000	0.6	FY150K122E142EL5
500	3000	0.0015	18	11	5	15	75	225	2000	0.6	FY150K152E142EL5
500	3000	0.0018	18	12	6	15	3.6	10.8	2000	0.6	FY150K182E172EL5
500	3000	0.0020	18	12	6	15	4	12	2000	0.6	FY150K202E172EL5
500	3000	0.0022	18	12	6	15	4.4	13.2	2000	0.6	FY150K222E172EL5
500	3000	0.0025	18	12	6	15	5	15	2000	0.6	FY150K252E172EL5
500	3000	0.0027	18	13.5	7.5	15	5.4	16.2	2000	0.8	FY150K272E292EL5
500	3000	0.0030	18	13.5	7.5	15	6	18	2000	0.8	FY150K302E292EL5
500	3000	0.0033	18	13.5	7.5	15	6.6	19.8	2000	0.8	FY150K332E292EL5
500	3000	0.0039	18	13.5	7.5	15	7.8	23.4	2000	0.8	FY150K392E292EL5
500	3000	0.0040	18	13.5	7.5	15	8	24	2000	0.8	FY150K402E292EL5
500	3000	0.0047	18	14.5	8.5	15	9.4	28.2	2000	0.8	FY150K472E342EL5
500	3000	0.0050	18	14.5	8.5	15	10	30	2000	0.8	FY150K502E342EL5
500	3000	0.0056	18	14.5	8.5	15	11.2	33.6	2000	0.8	FY150K562E342EL5
500	3000	0.0068	18	16	10	15	13.6	40.8	2000	0.8	FY150K682E432EL5
500	3000	0.0082	18	19	11	15	16.4	49.2	2000	0.8	FY150K822E472EL5
500	3000	0.01	18	19	11	15	20	60	2000	0.8	FY150K103E472EL5
500	3000	0.0056	26	15.5	6	22.5	8.4	25.2	1500	0.6	FY150K562F142FL5
500	3000	0.0068	26	16.5	7	22.5	10.2	30.6	1500	0.8	FY150K682F172FL5
500	3000	0.0082	26	17	8.5	22.5	12.3	36.9	1500	0.8	FY150K822F202FL5
500	3000	0.01	26	17	8.5	22.5	15	45	1500	0.8	FY150K103F202FL5
500	3000	0.012	26	19	10	22.5	18	54	1500	0.8	FY150K123F242FL5
500	3000	0.015	26	19	10	22.5	22.5	67.5	1500	0.8	FY150K153F242FL5
500	3000	0.018	26	20	11	22.5	27	81	1500	0.8	FY150K183F262FL5
500	3000	0.022	26	22	12	22.5	33	99	1500	0.8	FY150K223F272FL5
500	3000	0.022	32	20	11	27.5	17.6	52.8	800	0.8	FY150K223G182GL5
500	3000	0.033	32	22	13	27.5	26.4	79.2	800	0.8	FY150K333G212GL5
500	3000	0.047	32	28	14	27.5	37.6	112.8	800	0.8	FY150K473G262GL5
500	3000	0.068	32	33	18	27.5	54.4	163.2	800	0.8	FY150K683G342GL5
500	3000	0.1	32	37	22	27.5	80	240	800	1.0	FY150K104G402GL5

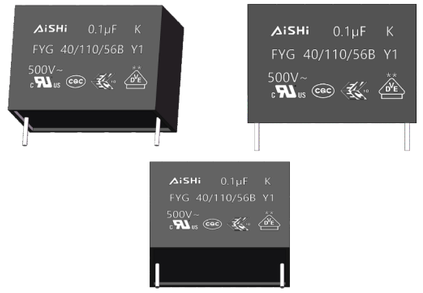
FYG Series - Class Y1 500Vac (85°C 85% 1.0U_{RAC} 1000H)

Overview

The FYG series is constructed of metallized polypropylene film encapsulated with self-extinguishing resin in a box of material meeting the requirement of UL94V-0.

概述

FYG采用金属化聚丙烯膜结构，使用自熄树脂封装于符合UL94V-0要求的塑料壳内。



Applications

Use in EMI filter in line-to-ground and line-by-pass applications requiring Y1 safety classification. Suitable for use in situations where failure of the capacitor would not lead to danger of electric shock.

应用

用于要求Y1安全等级的接地，旁路的电磁干扰滤波等应用。适用于电容器失效后不会导致触电危险的场合。

Features

- High stability of capacitance
- High temperature (110°C)
- Self-healing property
- Over voltage stress withstanding
- Flame-retardant plastic case and resin
- Suitable for harsh environment conditions
- THB Grade IIIB (85°C, 85% RH, 1000h at U_{RAC})

特点

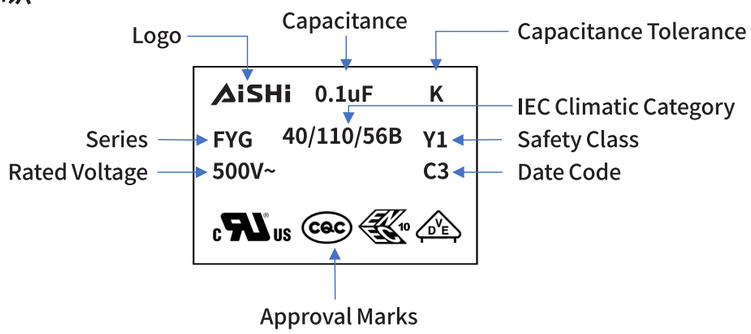
- 高稳定性
- 耐高温 (110°C)
- 良好的自愈能力
- 过电压保护
- 阻燃塑料外壳及树脂
- 适用于严苛环境
- THB IIIB等级
  (85°C, 85%湿度，1倍额定电压，1000小时)

Approvals 认证

Marking	Standard	File Number
c UL us	UL 60384-14 CAN/CSA-E60384-14	3Q-2023
10 DVE	IEC 60384-14:2013 IEC 60384-14:2013/AMD1:2016	40056757
CQC	IEC 60384-14:2013+AMD1:2016 CQC11-471112-2015	3Q-2023

FYG Series - Class Y1 500Vac (85°C 85% 1.0U_{RAC} 1000H)

Marking标识



Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
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Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	YG	50	K	103	E47	2EL	5
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	Class Y1, THB Type, Metallized PP Film	40=400Vac 50=500Vac	J = ±5% K = ±10% M = ±20%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Table

Terminal Code
引出端代码

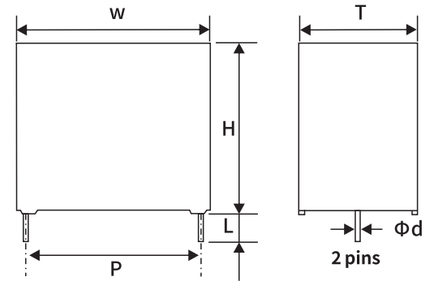
Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	5.1mm	A
2 leads for straight cut	2	15.0mm	E	7.5mm	C
2 leads for forming cut	E	22.5mm	F	10.2mm	B
4 leads for straight cut	4	27.5mm	G	12.7mm	G
Taping	T	37.5mm	K	20.3mm	D
Taping Straight	V	N/A	N	N/A	L

Lead Length Code
引出端长度代码

Lead Length	
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
Taping	T
N/A	N

FYG Series - Class Y1 500Vac (85°C 85% 1.0U_{RAC} 1000H)

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Lead Wire	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	Ød	Tolerance
E14	18	0.5	11	0.5	5	0.5	15	0.5	0.6	0.05
E17	18	0.5	12	0.5	6	0.5	15	0.5	0.8	0.05
E29	18	0.5	13.5	0.5	7.5	0.5	15	0.5	0.8	0.05
E34	18	0.5	14.5	0.5	8.5	0.5	15	0.5	0.8	0.05
E43	18	0.5	16	0.5	10	0.5	15	0.5	0.8	0.05
E47	18	0.5	19	0.5	11	0.5	15	0.5	0.8	0.05
F14	26	0.5	15.5	0.5	6	0.5	22.5	0.5	0.6	0.05
F17	26	0.5	16.5	0.5	7	0.5	22.5	0.5	0.8	0.05
F20	26	0.5	17	0.5	8.5	0.5	22.5	0.5	0.8	0.05
F24	26	0.5	19	0.5	10	0.5	22.5	0.5	0.8	0.05
F26	26	0.5	20	0.5	11	0.5	22.5	0.5	0.8	0.05
F27	26	0.5	22	0.5	12	0.5	22.5	0.5	0.8	0.05
G15	32	0.8	18	0.8	9	0.8	27.5	0.5	0.8	0.05
G18	32	0.8	20	0.8	11	0.8	27.5	0.5	0.8	0.05
G21	32	0.8	22	0.8	13	0.8	27.5	0.5	0.8	0.05
G26	32	0.8	28	0.8	14	0.8	27.5	0.5	0.8	0.05
G27	32	0.8	24.5	0.8	15	0.8	27.5	0.5	0.8	0.05
G32	32	0.8	30	0.8	16	0.8	27.5	0.5	0.8	0.05
G34	32	0.8	33	0.8	18	0.8	27.5	0.5	0.8	0.05
G40	32	0.8	37	0.8	22	0.8	27.5	0.5	0.8	0.05

FYG Series - Class Y1 500Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number标准品一览表

Vac	Vdc	Cap Value	Dimension				Peak Current	Surge Current	dv/dt	Lead Wire	Part Number
			W	H	T	P					
		μF	mm	mm	mm	mm	A	A	V/us	mm	
500	3000	0.00047	18	11	5	15	0.94	2.82	2000	0.6	FYG50K471E142EL5
500	3000	0.00056	18	11	5	15	1.12	3.36	2000	0.6	FYG50K561E142EL5
500	3000	0.00068	18	11	5	15	1.36	4.08	2000	0.6	FYG50K681E142EL5
500	3000	0.00082	18	11	5	15	1.64	4.92	2000	0.6	FYG50K821E142EL5
500	3000	0.001	18	11	5	15	2	6	2000	0.6	FYG50K102E142EL5
500	3000	0.0012	18	11	5	15	2.4	7.2	2000	0.6	FYG50K122E142EL5
500	3000	0.0015	18	11	5	15	75	225	2000	0.6	FYG50K152E142EL5
500	3000	0.0018	18	12	6	15	3.6	10.8	2000	0.6	FYG50K182E172EL5
500	3000	0.0020	18	12	6	15	4	12	2000	0.6	FYG50K202E172EL5
500	3000	0.0022	18	12	6	15	4.4	13.2	2000	0.6	FYG50K222E172EL5
500	3000	0.0025	18	12	6	15	5	15	2000	0.6	FYG50K252E172EL5
500	3000	0.0027	18	13.5	7.5	15	5.4	16.2	2000	0.8	FYG50K272E292EL5
500	3000	0.0030	18	13.5	7.5	15	6	18	2000	0.8	FYG50K302E292EL5
500	3000	0.0033	18	13.5	7.5	15	6.6	19.8	2000	0.8	FYG50K332E292EL5
500	3000	0.0039	18	13.5	7.5	15	7.8	23.4	2000	0.8	FYG50K392E292EL5
500	3000	0.0040	18	13.5	7.5	15	8	24	2000	0.8	FYG50K402E292EL5
500	3000	0.0047	18	14.5	8.5	15	9.4	28.2	2000	0.8	FYG50K472E342EL5
500	3000	0.0050	18	14.5	8.5	15	10	30	2000	0.8	FYG50K502E342EL5
500	3000	0.0056	18	14.5	8.5	15	11.2	33.6	2000	0.8	FYG50K562E342EL5
500	3000	0.0068	18	16	10	15	13.6	40.8	2000	0.8	FYG50K682E432EL5
500	3000	0.0082	18	19	11	15	16.4	49.2	2000	0.8	FYG50K822E472EL5
500	3000	0.01	18	19	11	15	20	60	2000	0.8	FYG50K103E472EL5
500	3000	0.0056	26	15.5	6	22.5	8.4	25.2	1500	0.6	FYG50K562F142FL5
500	3000	0.0068	26	16.5	7	22.5	10.2	30.6	1500	0.8	FYG50K682F172FL5
500	3000	0.0082	26	17	8.5	22.5	12.3	36.9	1500	0.8	FYG50K822F202FL5
500	3000	0.01	26	17	8.5	22.5	15	45	1500	0.8	FYG50K103F202FL5
500	3000	0.012	26	19	10	22.5	18	54	1500	0.8	FYG50K123F242FL5
500	3000	0.015	26	19	10	22.5	22.5	67.5	1500	0.8	FYG50K153F242FL5
500	3000	0.018	26	20	11	22.5	27	81	1500	0.8	FYG50K183F262FL5
500	3000	0.022	26	22	12	22.5	33	99	1500	0.8	FYG50K223F272FL5
500	3000	0.022	32	20	11	27.5	17.6	52.8	800	0.8	FYG50K223G182GL5
500	3000	0.033	32	22	13	27.5	26.4	79.2	800	0.8	FYG50K333G212GL5
500	3000	0.047	32	28	14	27.5	37.6	112.8	800	0.8	FYG50K473G262GL5
500	3000	0.068	32	33	18	27.5	54.4	163.2	800	0.8	FYG50K683G342GL5
500	3000	0.1	32	37	22	27.5	80	240	800	1.0	FYG50K104G402GL5

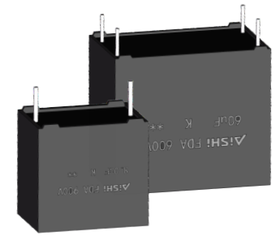
FDA Series - 450Vdc ~ 1500Vdc

Overview

The FDA capacitor is constructed of metallized polypropylene film encapsulated with epoxy resin in a plastic box, with 2 or 4 tinned copper wire. These FDA series is suitable for high performance DC filtering applications.

概述

FDA 结构为金属化聚丙烯薄膜，环氧树脂封装，塑料壳，及镀锡铜线所构成。FDA系列适用于高性能的直流滤波应用。



Applications

Widely used in high performance DC Link, DC filtering, frequency converters, industrial power supply, solar inverter and energy storage. Not suitable for across the line application.

应用

广泛应用于高性能直流支撑、直流滤波、变频器、工业电源、太阳能逆变器、储能等领域。不适合跨接应用。

Features

- Self-healing
- High capacitance density
- High ripple current and low loss
- High contact reliability
- Suitable for high frequency applications

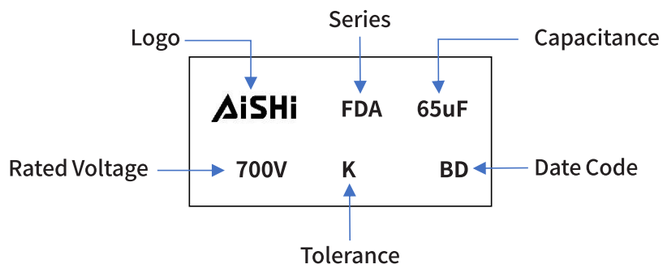
特点

- 良好的自愈能力
- 高容量密度
- 耐高纹波电流及低损耗
- 高可靠性
- 适用于高频应用

Approvals 认证

Marking	Specification	File Number
c UL us	UL 810	E500537

Marking标识



FDA Series - 450Vdc ~ 1500Vdc

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
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Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	DA	2M	K	756	M20	4MD	5
Capacitor Type	Series	Voltage (VDC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	DC Link, Metallized PP Film	450=2W 500=2H 550=2J 600=2K 700=2M 800=2N 900=2Q 1000=3K 1100=3M 1200=3B 1500=3U	J = ±5% K = ±10% M = ±20%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Code Table

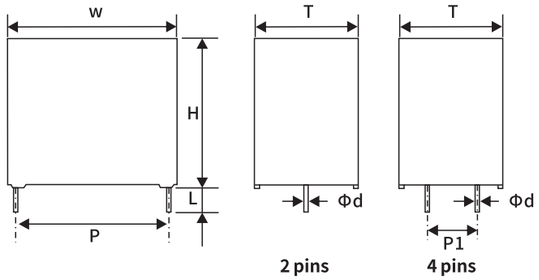
Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	27.5mm	G	10.2mm	B
2 leads for straight cut	2	37.5mm	K	12.7mm	G
2 leads for forming cut	E	52.5mm	M	20.3mm	D
4 leads for straight cut	4			N/A	L
6 leads for straight cut	6				

Lead Length Code
引出端长度代码

Lead Length	
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
20.0mm min	L

Dimension (mm) 外形图



FDA Series - 450Vdc ~ 1500Vdc

Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch				Ød		
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	P1	Tolerance	4 Leads	2 Leads	Tolerance
G15	32	0.8	18	0.8	9	0.8	27.5	0.5	/	/	/	0.8	0.05
G18	32	0.8	20	0.8	11	0.8	27.5	0.5	/	/	/	0.8	0.05
G21	32	0.8	22	0.8	13	0.8	27.5	0.5	/	/	/	0.8	0.05
G22	32	0.8	24.5	0.8	13	0.8	27.5	0.5	/	/	/	0.8	0.05
G25	32	0.8	24	0.8	14	0.8	27.5	0.5	/	/	/	0.8	0.05
G26	32	0.8	28	0.8	14	0.8	27.5	0.5	/	/	/	0.8	0.05
G27	32	0.8	24.5	0.8	15	0.8	27.5	0.5	/	/	/	0.8	0.05
G32	32	0.8	30	0.8	16	0.8	27.5	0.5	/	/	/	0.8	0.05
G33	32	0.8	28	0.8	18	0.8	27.5	0.5	/	/	/	0.8	0.05
G34	32	0.8	33	0.8	18	0.8	27.5	0.5	/	/	/	0.8	0.05
G40	32	0.8	37	0.8	22	0.8	27.5	0.5	/	/	/	0.8	0.05
K11	42	1.0	24	1.0	13	1.0	37.5	0.5	/	/	/	1.0	0.05
K14	42	1.0	30	1.0	16	1.0	37.5	0.5	/	/	/	1.0	0.05
K17	42	1.0	28	1.0	17	1.0	37.5	0.5	/	/	/	1.0	0.05
K18	42	1.0	29	1.0	17	1.0	37.5	0.5	/	/	/	1.0	0.05
K21	42	1.0	32	1.0	19	1.0	37.5	0.5	/	/	/	1.0	0.05
K24	42	1.0	40	1.0	20	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K27	42	1.0	37	1.0	22	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K32	42	1.0	44	1.0	24	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K37	42	1.0	37	1.0	28	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K39	42	1.0	43	1.0	28	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K42	42	1.0	45	1.0	30	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K47	42	1.0	50	1.0	35	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K49	42	1.0	55	1.0	40	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K52	42	1.0	60	1.0	45	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K56	42	1.0	42	1.0	27	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K66	42	1.0	30	1.0	17	1.0	37.5	0.5	/	/	/	1.0	0.05
K88	42	1.0	32.5	1.0	18	1.0	37.5	0.5	/	/	/	1.0	0.05
K90	42	1.0	40	1.0	30	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K91	42	1.0	47	1.0	30	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
M10	57.5	1.0	45	1.0	25	1.0	52.5	0.5	10.2	0.5	1.2	12	0.05
M16	57.5	1.0	45	1.0	30	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M20	57.5	1.0	50	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M22	57.5	1.0	60	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M23	57.5	1.0	65	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M24	57.5	1.0	70	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M32	57.5	1.0	55	1.0	45	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M34	57.5	1.0	65	1.0	45	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M65	57.5	1.0	45	1.0	40	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05

FDA Series - 450Vdc ~ 1500Vdc

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
450	5	32	20	11	27.5	/	5	325	975	20.0	25	30.0	65	0.8	FDA2WK505G182GL5
450	10	32	24.5	15	27.5	/	7	650	1950	11.0	25	27.8	65	0.8	FDA2WK106G272GL5
450	15	32	33	18	27.5	/	11	975	2925	7.0	25	17.7	65	0.8	FDA2WK156G342GL5
450	22	32	37	22	27.5	/	11	1430	4290	5.0	28	24.8	65	0.8	FDA2WK226G402GL5
450	25	32	37	22	27.5	/	12	1625	4875	4.8	28	24.8	65	0.8	FDA2WK256G402GL5
450	30	42	40	20	37.5	10.2	12.5	1050	3150	7.5	30	12.8	35	1.2	FDA2WK306K244KB5
450	35	42	37	22	37.5	10.2	13.5	1225	3675	7.0	30	11.8	35	1.2	FDA2WK356K274KB5
450	40	42	37	28	37.5	10.2	14.5	1400	4200	6.2	30	11.5	35	1.2	FDA2WK406K374KB5
450	50	42	43	28	37.5	10.2	16	1750	5250	5.0	30	11.7	35	1.2	FDA2WK506K394KB5
450	50	42	45	30	37.5	20.3	16	1750	5250	5.0	30	11.7	35	1.2	FDA2WK506K424KD5
450	60	42	45	30	37.5	20.3	16.5	2100	6300	4.5	30	12.2	35	1.2	FDA2WK606K424KD5
450	80	42	50	35	37.5	20.3	20.5	2800	8400	3.8	30	12.2	35	1.2	FDA2WK806K474KD5
450	110	42	60	45	37.5	20.3	24.5	3850	11550	3.6	30	12.2	35	1.2	FDA2WK117K524KD5
450	130	42	60	45	37.5	20.3	28.5	4550	13650	3.0	30	12.2	35	1.2	FDA2WK137K524KD5
450	75	57.5	45	30	52.5	20.3	16.5	1500	4500	5.5	35	10.0	20	1.2	FDA2WK756M164MD5
450	80	57.5	45	30	52.5	20.3	17	1600	4800	5.0	35	10.4	20	1.2	FDA2WK806M164MD5
450	100	57.5	50	35	52.5	20.3	18	2000	6000	4.5	35	10.3	20	1.2	FDA2WK107M204MD5
450	110	57.5	50	35	52.5	20.3	19	2200	6600	4.0	35	10.4	20	1.2	FDA2WK117M204MD5
450	120	57.5	50	35	52.5	20.3	21.5	2400	7200	3.8	35	10.4	20	1.2	FDA2WK127M204MD5
450	160	57.5	55	45	52.5	20.3	28.5	3200	9600	3.0	35	10.4	20	1.2	FDA2WK167M324MD5
450	200	57.5	65	45	52.5	20.3	33	4000	12000	2.6	35	10.4	20	1.2	FDA2WK207M344MD5
550	5	32	22	13	27.5	/	5.5	325	975	19.5	25	25.4	65	0.8	FDA2JK505G212GL5
550	10	32	33	18	27.5	/	7.5	650	1950	10.5	25	25.4	65	0.8	FDA2JK106G342GL5
550	15	32	37	22	27.5	/	11.5	975	2925	6.8	28	16.7	65	0.8	FDA2JK156G402GL5
550	22	32	37	22	27.5	/	11.5	1430	4290	4.9	28	23.1	65	0.8	FDA2JK226G402GL5
550	30	42	44	24	37.5	10.2	13	1050	3150	7.2	30	12.3	35	1.2	FDA2JK306K324KB5
550	35	42	45	30	37.5	20.3	13.8	1225	3675	6.8	30	11.6	35	1.2	FDA2JK356K424KD5
550	40	42	45	30	37.5	20.3	14.8	1400	4200	6.0	30	11.4	35	1.2	FDA2JK406K424KD5
550	50	42	50	35	37.5	20.3	17	1750	5250	4.8	30	10.8	35	1.2	FDA2JK506K474KD5
550	60	42	50	35	37.5	20.3	18	2100	6300	4.2	30	11.0	35	1.2	FDA2JK606K474KD5
550	70	42	50	35	37.5	20.3	20.5	2450	7350	3.8	30	11.0	35	1.2	FDA2JK706K474KD5
550	110	42	60	45	37.5	20.3	24.5	3850	11550	3.6	30	11.0	35	1.2	FDA2JK117K524KD5
550	75	57.5	45	30	52.5	20.3	16.8	1500	4500	5.2	35	10.2	20	1.2	FDA2JK756M164MD5
550	100	57.5	50	35	52.5	20.3	18.5	2000	6000	4.3	35	10.2	20	1.2	FDA2JK107M204MD5
550	110	57.5	50	35	52.5	20.3	20	2200	6600	4.0	35	9.4	20	1.2	FDA2JK117M204MD5
550	140	57.5	55	45	52.5	20.3	26	2800	8400	3.5	35	6.3	20	1.2	FDA2JK147M324MD5
550	170	57.5	65	45	52.5	20.3	32	3400	10200	2.8	35	5.2	20	1.2	FDA2JK177M344MD5
550	180	57.5	65	45	52.5	20.3	33	3600	10800	2.6	35	5.2	20	1.2	FDA2JK187M344MD5
600	2	32	18	9	27.5	/	2.9	130	390	40.0	25	44.6	65	0.8	FDA2KK205G152GL5
600	3	32	20	11	27.5	/	4	195	585	28.0	25	33.5	65	0.8	FDA2KK305G182GL5
600	4	32	20	11	27.5	/	5.5	260	780	23.0	25	21.6	65	0.8	FDA2KK405G182GL5
600	5	32	22	13	27.5	/	7	325	975	14.5	25	21.1	65	0.8	FDA2KK505G212GL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FDA Series - 450Vdc ~ 1500Vdc
Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
600	6	32	24.5	15	27.5	/	73	390	1170	13.0	25	21.7	65	0.8	FDA2KK605G272GL5
600	7	32	24.5	15	27.5	/	8.5	455	1365	12.0	25	17.3	65	0.8	FDA2KK705G272GL5
600	8	32	28	14	27.5	/	9.5	520	1560	11.0	25	15.1	65	0.8	FDA2KK805G262GL5
600	9	32	30	16	27.5	/	10.5	585	1755	10.5	25	13.0	65	0.8	FDA2KK905G322GL5
600	10	32	30	16	27.5	/	11	650	1950	10.0	25	12.4	65	0.8	FDA2KK106G322GL5
600	12	32	33	18	27.5	/	12	780	2340	9.5	25	11.0	65	0.8	FDA2KK126G342GL5
600	15	32	37	22	27.5	/	12	975	2925	9.5	28	11.0	65	0.8	FDA2KK156G402GL5
600	15	32	37	22	27.5	10.2	14.5	975	2925	7.0	28	10.2	65	1.0	FDA2KK156G404GB5
600	18	32	37	22	27.5	/	12.5	1170	3510	9.0	28	10.7	65	0.8	FDA2KK186G402GL5
600	18	32	37	22	27.5	10.2	16.5	1170	3510	6.0	28	9.2	65	1.0	FDA2KK186G404GB5
600	10	42	30	17	37.5	/	7	350	1050	18.0	28	17.0	35	1.0	FDA2KK106K182KL5
600	12	42	30	17	37.5	/	8	420	1260	12.0	28	19.5	35	1.0	FDA2KK126K182KL5
600	15	42	32	19	37.5	/	9.5	525	1575	11.0	28	15.1	35	1.0	FDA2KK156K212KL5
600	20	42	40	20	37.5	10.2	12.5	700	2100	9.0	30	10.7	35	1.2	FDA2KK206K244KB5
600	22	42	40	20	37.5	10.2	13.5	770	2310	8.0	30	10.3	35	1.2	FDA2KK226K244KB5
600	25	42	40	20	37.5	10.2	15.5	875	2625	7.0	30	8.9	35	1.2	FDA2KK256K244KB5
600	30	42	44	24	37.5	10.2	16.5	1050	3150	6.5	30	8.5	35	1.2	FDA2KK306K324KB5
600	35	42	45	30	37.5	20.3	18.5	1225	3675	6.0	30	7.3	35	1.2	FDA2KK356K424KD5
600	40	42	45	30	37.5	20.3	20.5	1400	4200	5.0	30	7.1	35	1.2	FDA2KK406K424KD5
600	45	42	50	35	37.5	20.3	23	1575	4725	4.5	30	6.3	35	1.2	FDA2KK456K474KD5
600	50	42	50	35	37.5	20.3	25	1750	5250	4.0	30	6.0	35	1.2	FDA2KK506K474KD5
600	60	42	55	40	37.5	20.3	27	2100	6300	3.8	30	5.4	35	1.2	FDA2KK606K494KD5
600	70	42	55	40	37.5	20.3	29	2450	7350	3.5	30	5.1	35	1.2	FDA2KK706K494KD5
600	75	42	60	45	37.5	20.3	30	2625	7875	3.0	30	5.6	35	1.2	FDA2KK756K524KD5
600	80	42	60	45	37.5	20.3	32	2800	8400	2.8	30	5.2	35	1.2	FDA2KK806K524KD5
600	85	42	60	45	37.5	20.3	34	2975	8925	2.5	30	5.2	35	1.2	FDA2KK856K524KD5
600	40	57.5	45	25	52.5	10.2	13.5	800	2400	8.0	35	10.3	20	1.2	FDA2KK406M104MB5
600	45	57.5	45	25	52.5	10.2	14	900	2700	7.5	35	10.2	20	1.2	FDA2KK456M104MB5
600	50	57.5	45	25	52.5	10.2	15.5	1000	3000	7.0	35	8.9	20	1.2	FDA2KK506M104MB5
600	55	57.5	45	30	52.5	20.3	17	1100	3300	6.2	35	8.4	20	1.2	FDA2KK556M164MD5
600	60	57.5	45	30	52.5	20.3	18.5	1200	3600	6.0	35	7.3	20	1.2	FDA2KK606M164MD5
600	65	57.5	50	35	52.5	20.3	20	1300	3900	5.5	35	6.8	20	1.2	FDA2KK656M204MD5
600	70	57.5	50	35	52.5	20.3	21.5	1400	4200	5.0	35	6.5	20	1.2	FDA2KK706M204MD5
600	75	57.5	50	35	52.5	20.3	23.5	1500	4500	4.5	35	6.0	20	1.2	FDA2KK756M204MD5
600	80	57.5	50	35	52.5	20.3	24.5	1600	4800	4.2	35	5.9	20	1.2	FDA2KK806M204MD5
600	90	57.5	55	45	52.5	20.3	26	1800	5400	4.0	35	5.5	20	1.2	FDA2KK906M324MD5
600	100	57.5	55	45	52.5	20.3	29	2000	6000	3.4	35	5.2	20	1.2	FDA2KK107M324MD5
600	110	57.5	55	45	52.5	20.3	30	2200	6600	3.0	35	5.6	20	1.2	FDA2KK117M324MD5
600	120	57.5	65	45	52.5	20.3	32	2400	7200	2.8	35	5.2	20	1.2	FDA2KK127M344MD5
600	130	57.5	65	45	52.5	20.3	33	2600	7800	2.6	35	5.3	20	1.2	FDA2KK137M344MD5
600	140	57.5	65	45	52.5	20.3	34	2800	8400	2.5	35	5.2	20	1.2	FDA2KK147M344MD5
700	2	32	18	9	27.5	/	2.9	130	390	40.0	25	44.6	65	0.8	FDA2MK205G152GL5

FDA Series - 450Vdc ~ 1500Vdc

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
700	3	32	20	11	27.5	/	4	195	585	28.0	25	33.5	65	0.8	FDA2MK305G182GL5
700	4	32	20	11	27.5	/	5.5	260	780	23.0	25	21.6	65	0.8	FDA2MK405G182GL5
700	5	32	22	13	27.5	/	7	325	975	14.5	25	21.1	65	0.8	FDA2MK505G212GL5
700	6	32	24.5	15	27.5	/	73	390	1170	13.0	25	21.7	65	0.8	FDA2MK605G272GL5
700	7	32	24.5	15	27.5	/	8.5	455	1365	12.0	25	17.3	65	0.8	FDA2MK705G272GL5
700	8	32	28	14	27.5	/	9.5	520	1560	11.0	25	15.1	65	0.8	FDA2MK805G262GL5
700	9	32	30	16	27.5	/	10.5	585	1755	10.5	25	13.0	65	0.8	FDA2MK905G322GL5
700	10	32	30	16	27.5	/	11	650	1950	10.0	25	12.4	65	0.8	FDA2MK106G322GL5
700	12	32	33	18	27.5	/	12	780	2340	9.5	25	11.0	65	0.8	FDA2MK126G342GL5
700	15	32	37	22	27.5	/	12	975	2925	9.5	28	11.0	65	0.8	FDA2MK156G402GL5
700	15	32	37	22	27.5	10.2	14.5	975	2925	7.0	28	10.2	65	1.0	FDA2MK156G404GB5
700	18	32	37	22	27.5	/	12.5	1170	3510	9.0	28	10.7	65	0.8	FDA2MK186G402GL5
700	18	32	37	22	27.5	10.2	16.5	1170	3510	6.0	28	9.2	65	1.0	FDA2MK186G404GB5
700	10	42	30	17	37.5	/	7	350	1050	18.0	28	17.0	35	1.0	FDA2MK106K182KL5
700	12	42	30	17	37.5	/	8	420	1260	12.0	28	19.5	35	1.0	FDA2MK126K182KL5
700	15	42	32	19	37.5	/	9.5	525	1575	11.0	28	15.1	35	1.0	FDA2MK156K212KL5
700	20	42	40	20	37.5	10.2	12.5	700	2100	9.0	30	10.7	35	1.2	FDA2MK206K244KB5
700	22	42	40	20	37.5	10.2	13.5	770	2310	8.0	30	10.3	35	1.2	FDA2MK226K244KB5
700	25	42	40	20	37.5	10.2	15.5	875	2625	7.0	30	8.9	35	1.2	FDA2MK256K244KB5
700	30	42	44	24	37.5	10.2	16.5	1050	3150	6.5	30	8.5	35	1.2	FDA2MK306K324KB5
700	35	42	45	30	37.5	20.3	18.5	1225	3675	6.0	30	7.3	35	1.2	FDA2MK356K424KD5
700	40	42	45	30	37.5	20.3	20.5	1400	4200	5.0	30	7.1	35	1.2	FDA2MK406K424KD5
700	45	42	50	35	37.5	20.3	23	1575	4725	4.5	30	6.3	35	1.2	FDA2MK456K474KD5
700	50	42	50	35	37.5	20.3	25	1750	5250	4.0	30	6.0	35	1.2	FDA2MK506K474KD5
700	60	42	55	40	37.5	20.3	27	2100	6300	3.8	30	5.4	35	1.2	FDA2MK606K494KD5
700	70	42	55	40	37.5	20.3	29	2450	7350	3.5	30	5.1	35	1.2	FDA2MK706K494KD5
700	75	42	60	45	37.5	20.3	30	2625	7875	3.0	30	5.6	35	1.2	FDA2MK756K524KD5
700	80	42	60	45	37.5	20.3	32	2800	8400	2.8	30	5.2	35	1.2	FDA2MK806K524KD5
700	85	42	60	45	37.5	20.3	34	2975	8925	2.5	30	5.2	35	1.2	FDA2MK856K524KD5
700	40	57.5	45	25	52.5	10.2	13.5	800	2400	8.0	35	10.3	20	1.2	FDA2MK406M104MB5
700	45	57.5	45	25	52.5	10.2	14	900	2700	7.5	35	10.2	20	1.2	FDA2MK456M104MB5
700	50	57.5	45	25	52.5	10.2	15.5	1000	3000	7.0	35	8.9	20	1.2	FDA2MK506M104MB5
700	55	57.5	45	30	52.5	20.3	17	1100	3300	6.2	35	8.4	20	1.2	FDA2MK556M164MD5
700	60	57.5	45	30	52.5	20.3	18.5	1200	3600	6.0	35	7.3	20	1.2	FDA2MK606M164MD5
700	65	57.5	50	35	52.5	20.3	20	1300	3900	5.5	35	6.8	20	1.2	FDA2MK656M204MD5
700	70	57.5	50	35	52.5	20.3	21.5	1400	4200	5.0	35	6.5	20	1.2	FDA2MK706M204MD5
700	75	57.5	50	35	52.5	20.3	23.5	1500	4500	4.5	35	6.0	20	1.2	FDA2MK756M204MD5
700	80	57.5	50	35	52.5	20.3	24.5	1600	4800	4.2	35	5.9	20	1.2	FDA2MK806M204MD5
700	90	57.5	55	45	52.5	20.3	26	1800	5400	4.0	35	5.5	20	1.2	FDA2MK906M324MD5
700	100	57.5	55	45	52.5	20.3	29	2000	6000	3.4	35	5.2	20	1.2	FDA2MK107M324MD5
700	110	57.5	55	45	52.5	20.3	30	2200	6600	3.0	35	5.6	20	1.2	FDA2MK117M324MD5
700	120	57.5	65	45	52.5	20.3	32	2400	7200	2.8	35	5.2	20	1.2	FDA2MK127M344MD5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FDA Series - 450Vdc ~ 1500Vdc
Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
700	130	57.5	65	45	52.5	20.3	33	2600	7800	2.6	35	5.3	20	1.2	FDA2MK137M344MD5
700	140	57.5	65	45	52.5	20.3	34	2800	8400	2.5	35	5.2	20	1.2	FDA2MK147M344MD5
800	2	32	18	9	27.5	/	2.9	130	390	40.0	25	44.6	65	0.8	FDA2NK205G152GL5
800	3	32	20	11	27.5	/	4.5	195	585	26.0	25	28.5	65	0.8	FDA2NK305G182GL5
800	4	32	24.5	13	27.5	/	5.8	260	780	22.0	25	20.3	65	0.8	FDA2NK405G222GL5
800	5	32	24.5	15	27.5	/	7.5	325	975	14.0	25	19.0	65	0.8	FDA2NK505G272GL5
800	6	32	30	16	27.5	/	8.5	390	1170	12.0	25	17.3	65	0.8	FDA2NK605G322GL5
800	7	32	30	16	27.5	/	9.5	455	1365	11.0	25	15.1	65	0.8	FDA2NK705G322GL5
800	8	32	33	18	27.5	/	10.5	520	1560	10.5	25	13.0	65	0.8	FDA2NK805G342GL5
800	9	32	33	18	27.5	/	11.5	585	1755	10.2	25	11.1	65	0.8	FDA2NK905G342GL5
800	10	32	37	22	27.5	/	12	650	1950	9.5	25	11.0	65	0.8	FDA2NK106G402GL5
800	10	32	37	22	27.5	10.2	14	650	1950	8.5	25	9.0	65	1.0	FDA2NK106G404GB5
800	12	32	37	22	27.5	/	12	780	2340	9.5	25	11.0	65	0.8	FDA2NK126G402GL5
800	12	32	37	22	27.5	10.2	15	780	2340	8.0	25	8.3	65	1.0	FDA2NK126G404GB5
800	14	32	37	22	27.5	/	12	910	2730	9.5	25	11.0	65	0.8	FDA2NK146G402GL5
800	14	32	37	22	27.5	10.2	16	910	2730	7.5	25	7.8	65	1.0	FDA2NK146G404GB5
800	8	42	30	17	37.5	/	5.5	280	840	22.5	28	22.0	35	1.0	FDA2NK805K182KL5
800	9	42	30	17	37.5	/	6	315	945	21.5	28	19.4	35	1.0	FDA2NK905K182KL5
800	10	42	32	19	37.5	/	7	350	1050	18.0	28	17.0	35	1.0	FDA2NK106K212KL5
800	12	42	32	19	37.5	/	8	420	1260	12.0	28	19.5	35	1.0	FDA2NK126K212KL5
800	14	42	32	19	37.5	/	9.5	490	1470	11.0	28	15.1	35	1.0	FDA2NK146K212KL5
800	15	42	40	20	37.5	10.2	12.5	525	1575	9.0	30	10.7	35	1.2	FDA2NK156K244KB5
800	20	42	44	24	37.5	10.2	13.5	700	2100	8.0	30	10.3	35	1.2	FDA2NK206K324KB5
800	25	42	44	24	37.5	10.2	16.5	875	2625	6.5	30	8.5	35	1.2	FDA2NK256K324KB5
800	30	42	45	30	37.5	20.3	20	1050	3150	5.8	30	6.5	35	1.2	FDA2NK306K424KD5
800	35	42	50	35	37.5	20.3	22	1225	3675	5.5	30	5.6	35	1.2	FDA2NK356K474KD5
800	40	42	50	35	37.5	20.3	25	1400	4200	4.8	30	5.0	35	1.2	FDA2NK406K474KD5
800	45	42	55	40	37.5	20.3	28	1575	4725	4.0	30	4.8	35	1.2	FDA2NK456K494KD5
800	50	42	55	40	37.5	20.3	31	1750	5250	3.6	30	4.3	35	1.2	FDA2NK506K494KD5
800	55	42	60	45	37.5	20.3	32.5	1925	5775	3.4	30	4.2	35	1.2	FDA2NK556K524KD5
800	60	42	60	45	37.5	20.3	34	2100	6300	3.2	30	4.1	35	1.2	FDA2NK606K524KD5
800	65	42	60	45	37.5	20.3	35	2275	6825	2.8	30	4.4	35	1.2	FDA2NK656K524KD5
800	25	57.5	45	25	52.5	10.2	8.5	500	1500	12.0	35	17.3	20	1.2	FDA2NK256M104MB5
800	30	57.5	45	25	52.5	10.2	10	600	1800	10.5	35	14.3	20	1.2	FDA2NK306M104MB5
800	35	57.5	45	25	52.5	10.2	12	700	2100	9.5	35	11.0	20	1.2	FDA2NK356M104MB5
800	40	57.5	45	30	52.5	20.3	14	800	2400	8.5	35	9.0	20	1.2	FDA2NK406M164MD5
800	45	57.5	45	30	52.5	20.3	15.5	900	2700	7.0	35	8.9	20	1.2	FDA2NK456M164MD5
800	50	57.5	50	35	52.5	20.3	17	1000	3000	5.8	35	8.9	20	1.2	FDA2NK506M204MD5
800	55	57.5	50	35	52.5	20.3	19	1100	3300	5.5	35	7.6	20	1.2	FDA2NK556M204MD5
800	60	57.5	50	35	52.5	20.3	21	1200	3600	4.8	35	7.1	20	1.2	FDA2NK606M204MD5
800	65	57.5	55	45	52.5	20.3	22.5	1300	3900	4.6	35	6.4	20	1.2	FDA2NK656M324MD5
800	70	57.5	55	45	52.5	20.3	24	1400	4200	4.5	35	5.8	20	1.2	FDA2NK706M324MD5

FDA Series - 450Vdc ~ 1500Vdc

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
800	75	57.5	55	45	52.5	20.3	25.5	1500	4500	4.3	35	5.4	20	1.2	FDA2NK756M324MD5
800	80	57.5	55	45	52.5	20.3	26	1600	4800	4.2	35	5.3	20	1.2	FDA2NK806M324MD5
800	90	57.5	55	45	52.5	20.3	27.5	1800	5400	4.0	35	5.0	20	1.2	FDA2NK906M324MD5
800	100	57.5	65	45	52.5	20.3	31.5	2000	6000	3.2	35	4.7	20	1.2	FDA2NK107M344MD5
800	110	57.5	65	45	52.5	20.3	34	2200	6600	3.0	35	4.3	20	1.2	FDA2NK117M344MD5
900	1	32	18	9	27.5	/	2	70	210	65.0	25	57.7	70	0.8	FDA2QK105G152GL5
900	2	32	20	11	27.5	/	32	140	420	38.0	25	38.5	70	0.8	FDA2QK205G182GL5
900	3	32	22	13	27.5	/	4.8	210	630	30.0	25	21.7	70	0.8	FDA2QK305G212GL5
900	4	32	24.5	15	27.5	/	6	280	840	20.5	25	20.3	70	0.8	FDA2QK405G272GL5
900	5	32	30	16	27.5	/	7.5	350	1050	12.0	25	22.2	70	0.8	FDA2QK505G322GL5
900	6	32	33	18	27.5	/	7.8	420	1260	11.5	25	21.4	70	0.8	FDA2QK605G342GL5
900	7	32	33	18	27.5	/	10.5	490	1470	10.2	25	13.3	70	0.8	FDA2QK705G342GL5
900	8	32	37	22	27.5	/	11.5	560	1680	9.5	25	11.9	70	0.8	FDA2QK805G402GL5
900	8	32	37	22	27.5	10.2	12.5	560	1680	9.0	25	10.7	70	1.0	FDA2QK805G404GB5
900	9	32	37	22	27.5	/	11.8	630	1890	9.7	25	11.1	70	0.8	FDA2QK905G402GL5
900	9	32	37	22	27.5	10.2	14	630	1890	7.8	25	9.8	70	1.0	FDA2QK905G404GB5
900	10	32	37	22	27.5	/	12	700	2100	9.5	25	11.0	70	0.8	FDA2QK106G402GL5
900	10	32	37	22	27.5	10.2	15.5	700	2100	7.2	25	8.7	70	1.0	FDA2QK106G404GB5
900	5	42	30	17	37.5	/	3.8	175	525	28.0	28	37.1	35	1.0	FDA2QK505K182KL5
900	6	42	30	17	37.5	/	4.5	210	630	25.0	28	29.6	35	1.0	FDA2QK605K182KL5
900	7	42	30	17	37.5	/	5	245	735	22.0	28	27.3	35	1.0	FDA2QK705K182KL5
900	8	42	32	19	37.5	/	6	280	840	19.5	28	21.4	35	1.0	FDA2QK805K212KL5
900	10	42	40	20	37.5	10.2	7.5	350	1050	13.0	30	20.5	35	1.2	FDA2QK106K244KB5
900	12	42	37	22	37.5	10.2	9	420	1260	11.5	30	16.1	35	1.2	FDA2QK126K274KB5
900	15	42	44	24	37.5	10.2	10.5	525	1575	10.5	30	13.0	35	1.2	FDA2QK156K324KB5
900	18	42	44	24	37.5	10.2	13	630	1890	8.8	30	10.1	35	1.2	FDA2QK186K324KB5
900	20	42	44	24	37.5	10.2	14.5	700	2100	7.5	30	9.5	35	1.2	FDA2QK206K324KB5
900	25	42	45	30	37.5	20.3	17.5	875	2625	6.2	30	7.9	35	1.2	FDA2QK256K424KD5
900	30	42	50	35	37.5	20.3	21.5	1050	3150	5.0	30	6.5	35	1.2	FDA2QK306K474KD5
900	35	42	55	40	37.5	20.3	23	1225	3675	4.6	30	6.2	35	1.2	FDA2QK356K494KD5
900	40	42	55	40	37.5	20.3	26.5	1400	4200	3.9	30	5.5	35	1.2	FDA2QK406K494KD5
900	45	42	60	45	37.5	20.3	30	1575	4725	3.4	30	4.9	35	1.2	FDA2QK456K524KD5
900	50	42	60	45	37.5	20.3	33.5	1750	5250	3.0	30	4.5	35	1.2	FDA2QK506K524KD5
900	15	57.5	45	25	52.5	10.2	5.5	300	900	22.0	35	22.5	20	1.2	FDA2QK156M104MB5
900	20	57.5	45	25	52.5	10.2	7.5	400	1200	13.5	35	19.8	20	1.2	FDA2QK206M104MB5
900	25	57.5	45	25	52.5	10.2	9	500	1500	11.5	35	16.1	20	1.2	FDA2QK256M104MB5
900	30	57.5	45	30	52.5	20.3	11	600	1800	10.0	35	12.4	20	1.2	FDA2QK306M164MD5
900	35	57.5	45	30	52.5	20.3	12.5	700	2100	9.0	35	10.7	20	1.2	FDA2QK356M164MD5
900	40	57.5	50	35	52.5	20.3	14.5	800	2400	7.5	35	9.5	20	1.2	FDA2QK406M204MD5
900	45	57.5	50	35	52.5	20.3	16	900	2700	6.8	35	8.6	20	1.2	FDA2QK456M204MD5
900	50	57.5	50	35	52.5	20.3	18	1000	3000	6.4	35	7.2	20	1.2	FDA2QK506M204MD5
900	55	57.5	55	45	52.5	20.3	20	1100	3300	5.6	35	6.7	20	1.2	FDA2QK556M324MD5

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FDA Series - 450Vdc ~ 1500Vdc

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
900	60	57.5	55	45	52.5	20.3	21.5	1200	3600	4.8	35	6.8	20	1.2	FDA2QK606M324MD5
900	65	57.5	55	45	52.5	20.3	23	1300	3900	4.5	35	6.3	20	1.2	FDA2QK656M324MD5
900	70	57.5	65	45	52.5	20.3	25	1400	4200	4.0	35	6.0	20	1.2	FDA2QK706M344MD5
900	75	57.5	65	45	52.5	20.3	25.5	1500	4500	3.9	35	5.9	20	1.2	FDA2QK756M344MD5
900	80	57.5	65	45	52.5	20.3	26.5	1600	4800	3.8	35	5.6	20	1.2	FDA2QK806M344MD5
900	85	57.5	65	45	52.5	20.3	28.5	1700	5100	3.6	35	5.1	20	1.2	FDA2QK856M344MD5
1000	1	32	18	9	27.5	/	2	75	225	65.0	25	57.7	75	0.8	FDA3KK105G152GL5
1000	2	32	22	13	27.5	/	3.5	150	450	38.0	25	32.2	75	0.8	FDA3KK205G212GL5
1000	3	32	24.5	15	27.5	/	5	225	675	22.0	25	27.3	75	0.8	FDA3KK305G272GL5
1000	4	32	30	16	27.5	/	7	300	900	16.5	25	18.6	75	0.8	FDA3KK405G322GL5
1000	5	32	33	18	27.5	/	8.5	375	1125	12.5	25	16.6	75	0.8	FDA3KK505G342GL5
1000	6	32	33	18	27.5	/	9	450	1350	11.5	25	16.1	75	0.8	FDA3KK605G342GL5
1000	7	32	37	22	27.5	/	9.5	525	1575	11.0	25	15.1	75	0.8	FDA3KK705G402GL5
1000	7	32	37	22	27.5	10.2	11.5	525	1575	9.8	25	11.6	75	1.0	FDA3KK705G404GB5
1000	8	32	37	22	27.5	/	10.5	600	1800	10.5	25	13.0	75	0.8	FDA3KK805G402GL5
1000	8	32	37	22	27.5	10.2	13	600	1800	8.8	25	10.1	75	1.0	FDA3KK805G404GB5
1000	5	42	30	17	37.5	/	3.8	175	525	28.0	28	37.1	35	1.0	FDA3KK505K182KL5
1000	6	42	30	17	37.5	/	4.5	210	630	25.0	28	29.6	35	1.0	FDA3KK605K182KL5
1000	7	42	30	17	37.5	/	5	245	735	22.0	28	27.3	35	1.0	FDA3KK705K182KL5
1000	8	42	32	19	37.5	/	6	280	840	19.5	28	21.4	35	1.0	FDA3KK805K212KL5
1000	10	42	40	20	37.5	10.2	7.5	350	1050	13.0	30	20.5	35	1.2	FDA3KK106K244KB5
1000	12	42	37	22	37.5	10.2	9	420	1260	11.5	30	16.1	35	1.2	FDA3KK126K274KB5
1000	15	42	44	24	37.5	10.2	11.5	525	1575	10.0	30	11.3	35	1.2	FDA3KK156K324KB5
1000	18	42	45	30	37.5	20.3	14	630	1890	7.8	30	9.8	35	1.2	FDA3KK186K424KD5
1000	20	42	45	30	37.5	20.3	15.5	700	2100	7.0	30	8.9	35	1.2	FDA3KK206K424KD5
1000	25	42	50	35	37.5	20.3	19.5	875	2625	5.5	30	7.2	35	1.2	FDA3KK256K474KD5
1000	30	42	55	40	37.5	20.3	23	1050	3150	4.6	30	6.2	35	1.2	FDA3KK306K494KD5
1000	35	42	55	40	37.5	20.3	25	1225	3675	4.0	30	6.0	35	1.2	FDA3KK356K494KD5
1000	40	42	60	45	37.5	20.3	28.5	1400	4200	3.6	30	5.1	35	1.2	FDA3KK406K524KD5
1000	15	57.5	45	25	52.5	10.2	5.8	300	900	19.8	35	22.5	20	1.2	FDA3KK156M104MB5
1000	20	57.5	45	25	52.5	10.2	7.5	400	1200	13.5	35	19.8	20	1.2	FDA3KK206M104MB5
1000	25	57.5	45	25	52.5	10.2	9.5	500	1500	11.0	35	15.1	20	1.2	FDA3KK256M104MB5
1000	30	57.5	45	30	52.5	20.3	11.5	600	1800	9.8	35	11.6	20	1.2	FDA3KK306M164MD5
1000	35	57.5	45	30	52.5	20.3	13.5	700	2100	8.0	35	10.3	20	1.2	FDA3KK356M164MD5
1000	40	57.5	50	35	52.5	20.3	15.5	800	2400	7.0	35	8.9	20	1.2	FDA3KK406M204MD5
1000	45	57.5	55	45	52.5	20.3	17.5	900	2700	6.2	35	7.9	20	1.2	FDA3KK456M324MD5
1000	50	57.5	55	45	52.5	20.3	19.5	1000	3000	5.8	35	6.8	20	1.2	FDA3KK506M324MD5
1000	55	57.5	55	45	52.5	20.3	21	1100	3300	5.0	35	6.8	20	1.2	FDA3KK556M324MD5
1000	60	57.5	65	45	52.5	20.3	23	1200	3600	4.6	35	6.2	20	1.2	FDA3KK606M344MD5
1000	65	57.5	65	45	52.5	20.3	25	1300	3900	4.2	35	5.7	20	1.2	FDA3KK656M344MD5
1000	70	57.5	65	45	52.5	20.3	27	1400	4200	3.8	35	5.4	20	1.2	FDA3KK706M344MD5
1100	1	32	20	11	27.5	/	22	80	240	65.0	25	47.7	80	0.8	FDA3MK105G182GL5

FDA Series - 450Vdc ~ 1500Vdc

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
1100	1.5	32	22	13	27.5	/	2.5	120	360	46.0	25	52.2	80	0.8	FDA3MK155G212GL5
1100	2	32	24.5	13	27.5	/	4.8	160	480	24.5	25	26.6	80	0.8	FDA3MK205G222GL5
1100	3	32	30	16	27.5	/	6.5	240	720	18.5	25	19.2	80	0.8	FDA3MK305G322GL5
1100	4	32	33	18	27.5	/	8.5	320	960	12.5	25	16.6	80	0.8	FDA3MK405G342GL5
1100	5	32	37	22	27.5	/	9.8	400	1200	10.8	25	14.5	80	0.8	FDA3MK505G402GL5
1100	5	32	37	22	27.5	10.2	10.5	400	1200	10.5	25	13.0	80	1.0	FDA3MK505G404GB5
1100	6	32	37	22	27.5	/	10.5	480	1440	10.5	25	13.0	80	0.8	FDA3MK605G402GL5
1100	6	32	37	22	27.5	10.2	13	480	1440	8.8	25	10.1	80	1.0	FDA3MK605G404GB5
1100	3	42	30	17	37.5	/	2.5	120	360	46.0	28	52.2	40	1.0	FDA3MK305K182KL5
1100	4	42	30	17	37.5	/	3.5	160	480	32.5	28	37.7	40	1.0	FDA3MK405K182KL5
1100	4.7	42	32	19	37.5	/	4	188	564	28.0	28	33.5	40	1.0	FDA3MK475K212KL5
1100	5	42	32	19	37.5	/	42	200	600	26.0	28	32.7	40	1.0	FDA3MK505K212KL5
1100	6	42	32	19	37.5	/	5	240	720	23.5	28	25.5	40	1.0	FDA3MK605K212KL5
1100	7	42	40	20	37.5	10.2	6	280	840	18.5	30	22.5	40	1.2	FDA3MK705K244KB5
1100	8	42	37	22	37.5	10.2	6.5	320	960	16.5	30	21.5	40	1.2	FDA3MK805K274KB5
1100	9	42	37	22	37.5	10.2	7.5	360	1080	13.0	30	20.5	40	1.2	FDA3MK905K274KB5
1100	10	42	44	24	37.5	10.2	8.5	400	1200	12.0	30	17.3	40	1.2	FDA3MK106K324KB5
1100	12	42	44	24	37.5	10.2	10	480	1440	10.8	30	13.9	40	1.2	FDA3MK126K324KB5
1100	14	42	45	30	37.5	20.3	12	560	1680	9.5	30	11.0	40	1.2	FDA3MK146K424KD5
1100	15	42	45	30	37.5	20.3	13	600	1800	8.5	30	10.4	40	1.2	FDA3MK156K424KD5
1100	18	42	50	35	37.5	20.3	15	720	2160	7.0	30	9.5	40	1.2	FDA3MK186K474KD5
1100	20	42	50	35	37.5	20.3	16.5	800	2400	6.5	30	8.5	40	1.2	FDA3MK206K474KD5
1100	25	42	55	40	37.5	20.3	20.5	1000	3000	5.0	30	7.1	40	1.2	FDA3MK256K494KD5
1100	30	42	60	45	37.5	20.3	24.5	1200	3600	4.3	30	5.8	40	1.2	FDA3MK306K524KD5
1100	15	57.5	45	25	52.5	10.2	6.5	300	900	16.5	35	21.5	20	1.2	FDA3MK156M104MB5
1100	20	57.5	45	30	52.5	20.3	9	400	1200	11.5	35	16.1	20	1.2	FDA3MK206M164MD5
1100	25	57.5	50	35	52.5	20.3	11	500	1500	10.0	35	12.4	20	1.2	FDA3MK256M204MD5
1100	30	57.5	50	35	52.5	20.3	13	600	1800	8.6	35	10.3	20	1.2	FDA3MK306M204MD5
1100	35	57.5	55	45	52.5	20.3	14.5	700	2100	7.5	35	9.5	20	1.2	FDA3MK356M324MD5
1100	40	57.5	55	45	52.5	20.3	16	800	2400	6.8	35	8.6	20	1.2	FDA3MK406M324MD5
1100	45	57.5	55	45	52.5	20.3	17.5	900	2700	6.2	35	7.9	20	1.2	FDA3MK456M324MD5
1100	50	57.5	65	45	52.5	20.3	19.5	1000	3000	5.6	35	7.0	20	1.2	FDA3MK506M344MD5
1100	55	57.5	65	45	52.5	20.3	21.5	1100	3300	4.8	35	6.8	20	1.2	FDA3MK556M344MD5
1200	1	32	20	11	27.5	/	3.5	90	270	35.0	25	35.0	90	0.8	FDA3BK105G182GL5
1200	2	32	24.5	15	27.5	/	5	180	540	24.0	25	25.0	90	0.8	FDA3BK205G272GL5
1200	3	32	30	16	27.5	/	7.5	270	810	13.0	25	20.5	90	0.8	FDA3BK305G322GL5
1200	4	32	33	18	27.5	/	9.5	360	1080	11.0	25	15.1	90	0.8	FDA3BK405G342GL5
1200	5	32	37	22	27.5	/	10.5	450	1350	10.5	25	13.0	90	0.8	FDA3BK505G402GL5
1200	5	32	37	22	27.5	10.2	12	450	1350	9.5	25	11.0	90	1.0	FDA3BK505G404GB5
1200	3	42	30	17	37.5	/	32	135	405	35.0	28	41.9	45	1.0	FDA3BK305K182KL5
1200	4	42	30	17	37.5	/	42	180	540	28.0	28	30.4	45	1.0	FDA3BK405K662KL5
1200	5	42	32	19	37.5	/	5.5	225	675	21.5	28	23.1	45	1.0	FDA3BK505K212KL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FDA Series - 450Vdc ~ 1500Vdc
Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
1200	6	42	40	20	37.5	10.2	6.5	270	810	16.5	30	21.5	45	1.2	FDA3BK605K244KB5
1200	7	42	37	22	37.5	10.2	7.5	315	945	13.0	30	20.5	45	1.2	FDA3BK705K274KB5
1200	8	42	44	24	37.5	10.2	8.5	360	1080	12.0	30	17.3	45	1.2	FDA3BK805K324KB5
1200	9	42	44	24	37.5	10.2	10	405	1215	10.8	30	13.9	45	1.2	FDA3BK905K324KB5
1200	10	42	44	24	37.5	10.2	11	450	1350	10.0	30	12.4	45	1.2	FDA3BK106K324KB5
1200	12	42	45	30	37.5	20.3	13	540	1620	8.5	30	10.4	45	1.2	FDA3BK126K424KD5
1200	15	42	50	35	37.5	20.3	16	675	2025	6.8	30	8.6	45	1.2	FDA3BK156K474KD5
1200	18	42	50	35	37.5	20.3	18	810	2430	6.2	30	7.5	45	1.2	FDA3BK186K474KD5
1200	20	42	55	40	37.5	20.3	20	900	2700	5.5	30	6.8	45	1.2	FDA3BK206K494KD5
1200	25	42	60	45	37.5	20.3	25	1125	3375	4.3	30	5.6	45	1.2	FDA3BK256K524KD5
1200	12	57.5	45	25	52.5	10.2	6.5	300	900	16.5	35	21.5	25	1.2	FDA3BK126M104MB5
1200	15	57.5	45	25	52.5	10.2	7.5	375	1125	13.0	35	20.5	25	1.2	FDA3BK156M104MB5
1200	20	57.5	45	30	52.5	20.3	11	500	1500	10.0	35	12.4	25	1.2	FDA3BK206M164MD5
1200	25	57.5	50	35	52.5	20.3	13	625	1875	8.6	35	10.3	25	1.2	FDA3BK256M204MD5
1200	30	57.5	55	45	52.5	20.3	14.5	750	2250	7.5	35	9.5	25	1.2	FDA3BK306M324MD5
1200	35	57.5	55	45	52.5	20.3	16	875	2625	6.8	35	8.6	25	1.2	FDA3BK356M324MD5
1200	40	57.5	65	45	52.5	20.3	20	1000	3000	5.5	35	6.8	25	1.2	FDA3BK406M344MD5
1200	45	57.5	65	45	52.5	20.3	22.5	1125	3375	4.8	35	6.2	25	1.2	FDA3BK456M344MD5

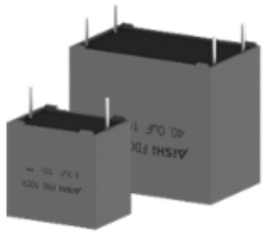
FDG Series - 450Vdc ~ 1500Vdc (85°C 85% 1.0U_{NDC} 1000H)

Overview

The FDG capacitor is constructed of metallized polypropylene film encapsulated with epoxy resin in a plastic box, with 2 or 4 tinned copper wire. These FDG series is suitable for harsh environment conditions and compliant to THB Grade IIIB.

概述

FDG 结构为金属化聚丙烯薄膜，环氧树脂封装，塑料壳，及2或4根镀锡铜线所构成。FDG系列适用严苛的环境并符合THB IIIB等级要求。



Applications

Widely used in high performance DC Link, DC filtering, frequency converters, industrial power supply, solar inverter and energy storage. Not suitable for across the line application.

应用

广泛应用于高性能直流支撑、直流滤波、变频器、工业电源、太阳能逆变器、储能等领域。不适合跨接应用。

Features

- Self-healing
- High capacitance density
- High ripple current and low loss
- High contact reliability
- Suitable for high frequency applications
- Suitable for harsh environmental conditions.
- THB Grade IIIB (85°C, 85% RH, 1000h at U_{NDC})

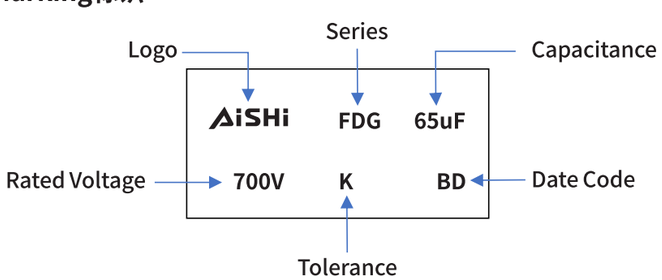
特点

- 良好的自愈能力
- 高容量密度
- 耐高纹波电流及低损耗
- 高可靠性
- 适用于高频应用
- 适用于严苛环境
- THB IIIB等级(符合85°C 85%RH 1.0Un 1000 小时测试要求

Approvals 认证

Marking	Specification	File Number
c UL us	UL 810	E500537

Marking标识



工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FDG Series - 450Vdc ~ 1500Vdc (85°C 85% 1.0U_{NDC} 1000H)

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	DG	2M	K	756	M20	4MD	5
Capacitor Type	Series	Voltage (VDC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	DC Link, THB Type, Metallized PP Film	450=2W 500=2H 550=2J 600=2K 700=2M 800=2N 900=2Q 1000=3K 1100=3M 1200=3B 1500=3U	J = ±5% K = ±10% M = ±20%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Code Table

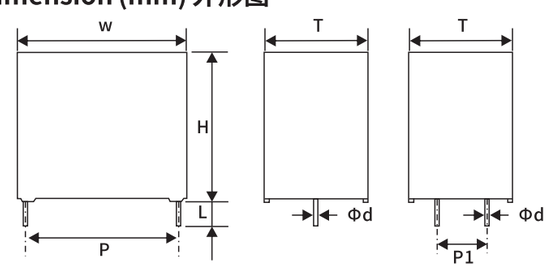
Terminal Code 引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	27.5mm	G	10.2mm	B
2 leads for straight cut	2	37.5mm	K	12.7mm	G
2 leads for forming cut	E	52.5mm	M	20.3mm	D
4 leads for straight cut	4	N/A	N	N/A	L
6 leads for straight cut	6				

Lead Length Code 引出端长度代码

Lead Length	
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
20.0mm min	L

Dimension (mm) 外形图



FDG Series - 450Vdc ~ 1500Vdc (85°C 85% 1.0U_{NDC} 1000H)

Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch				Ød		
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	P1	Tolerance	4 Leads	2 Leads	Tolerance
G15	32	0.8	18	0.8	9	0.8	27.5	0.5	/	/	/	0.8	0.05
G18	32	0.8	20	0.8	11	0.8	27.5	0.5	/	/	/	0.8	0.05
G21	32	0.8	22	0.8	13	0.8	27.5	0.5	/	/	/	0.8	0.05
G22	32	0.8	24.5	0.8	13	0.8	27.5	0.5	/	/	/	0.8	0.05
G25	32	0.8	24	0.8	14	0.8	27.5	0.5	/	/	/	0.8	0.05
G26	32	0.8	28	0.8	14	0.8	27.5	0.5	/	/	/	0.8	0.05
G27	32	0.8	24.5	0.8	15	0.8	27.5	0.5	/	/	/	0.8	0.05
G32	32	0.8	30	0.8	16	0.8	27.5	0.5	/	/	/	0.8	0.05
G33	32	0.8	28	0.8	18	0.8	27.5	0.5	/	/	/	0.8	0.05
G34	32	0.8	33	0.8	18	0.8	27.5	0.5	/	/	/	0.8	0.05
G40	32	0.8	37	0.8	22	0.8	27.5	0.5	/	/	/	0.8	0.05
K11	42	1.0	24	1.0	13	1.0	37.5	0.5	/	/	/	1.0	0.05
K14	42	1.0	30	1.0	16	1.0	37.5	0.5	/	/	/	1.0	0.05
K17	42	1.0	28	1.0	17	1.0	37.5	0.5	/	/	/	1.0	0.05
K18	42	1.0	29	1.0	17	1.0	37.5	0.5	/	/	/	1.0	0.05
K21	42	1.0	32	1.0	19	1.0	37.5	0.5	/	/	/	1.0	0.05
K24	42	1.0	40	1.0	20	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K27	42	1.0	37	1.0	22	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K32	42	1.0	44	1.0	24	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K37	42	1.0	37	1.0	28	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K39	42	1.0	43	1.0	28	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K42	42	1.0	45	1.0	30	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K47	42	1.0	50	1.0	35	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K49	42	1.0	55	1.0	40	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K52	42	1.0	60	1.0	45	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K56	42	1.0	42	1.0	27	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K66	42	1.0	30	1.0	17	1.0	37.5	0.5	/	/	/	1.0	0.05
K88	42	1.0	32.5	1.0	18	1.0	37.5	0.5	/	/	/	1.0	0.05
K90	42	1.0	40	1.0	30	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K91	42	1.0	47	1.0	30	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
M10	57.5	1.0	45	1.0	25	1.0	52.5	0.5	10.2	0.5	1.2	12	0.05
M16	57.5	1.0	45	1.0	30	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M20	57.5	1.0	50	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M22	57.5	1.0	60	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M23	57.5	1.0	65	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M24	57.5	1.0	70	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M32	57.5	1.0	55	1.0	45	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M34	57.5	1.0	65	1.0	45	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M47	57.5	1.0	57.5	1.0	38	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M65	57.5	1.0	45	1.0	40	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FDG Series - 450Vdc ~ 1500Vdc (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
600	2	32	18	9	27.5	/	2.9	130	390	40.0	25	44.6	65	0.8	FDG2KK205G152GL5
600	3	32	20	11	27.5	/	4	195	585	28.0	25	33.5	65	0.8	FDG2KK305G182GL5
600	4	32	20	11	27.5	/	5.5	260	780	23.0	25	21.6	65	0.8	FDG2KK405G182GL5
600	5	32	22	13	27.5	/	7	325	975	14.5	25	21.1	65	0.8	FDG2KK505G212GL5
600	6	32	24.5	15	27.5	/	73	390	1170	13.0	25	21.7	65	0.8	FDG2KK605G272GL5
600	7	32	24.5	15	27.5	/	8.5	455	1365	12.0	25	17.3	65	0.8	FDG2KK705G272GL5
600	8	32	28	14	27.5	/	9.5	520	1560	11.0	25	15.1	65	0.8	FDG2KK805G262GL5
600	9	32	30	16	27.5	/	10.5	585	1755	10.5	25	13.0	65	0.8	FDG2KK905G322GL5
600	10	32	30	16	27.5	/	11	650	1950	10.0	25	12.4	65	0.8	FDG2KK106G322GL5
600	12	32	33	18	27.5	/	12	780	2340	9.5	25	11.0	65	0.8	FDG2KK126G342GL5
600	15	32	37	22	27.5	/	12	975	2925	9.5	28	11.0	65	0.8	FDG2KK156G402GL5
600	15	32	37	22	27.5	10.2	14.5	975	2925	7.0	28	10.2	65	1.0	FDG2KK156G404GB5
600	18	32	37	22	27.5	/	12.5	1170	3510	9.0	28	10.7	65	0.8	FDG2KK186G402GL5
600	18	32	37	22	27.5	10.2	16.5	1170	3510	6.0	28	9.2	65	1.0	FDG2KK186G404GB5
600	10	42	30	17	37.5	/	7	350	1050	18.0	28	17.0	35	1.0	FDG2KK106K182KL5
600	12	42	30	17	37.5	/	8	420	1260	12.0	28	19.5	35	1.0	FDG2KK126K182KL5
600	15	42	32	19	37.5	/	9.5	525	1575	11.0	28	15.1	35	1.0	FDG2KK156K212KL5
600	20	42	40	20	37.5	10.2	12.5	700	2100	9.0	30	10.7	35	1.2	FDG2KK206K244KB5
600	22	42	40	20	37.5	10.2	13.5	770	2310	8.0	30	10.3	35	1.2	FDG2KK226K244KB5
600	25	42	40	20	37.5	10.2	15.5	875	2625	7.0	30	8.9	35	1.2	FDG2KK256K244KB5
600	30	42	44	24	37.5	10.2	16.5	1050	3150	6.5	30	8.5	35	1.2	FDG2KK306K324KB5
600	35	42	45	30	37.5	20.3	18.5	1225	3675	6.0	30	7.3	35	1.2	FDG2KK356K424KD5
600	40	42	45	30	37.5	20.3	20.5	1400	4200	5.0	30	7.1	35	1.2	FDG2KK406K424KD5
600	45	42	50	35	37.5	20.3	23	1575	4725	4.5	30	6.3	35	1.2	FDG2KK456K474KD5
600	50	42	50	35	37.5	20.3	25	1750	5250	4.0	30	6.0	35	1.2	FDG2KK506K474KD5
600	60	42	55	40	37.5	20.3	27	2100	6300	3.8	30	5.4	35	1.2	FDG2KK606K494KD5
600	70	42	55	40	37.5	20.3	29	2450	7350	3.5	30	5.1	35	1.2	FDG2KK706K494KD5
600	75	42	60	45	37.5	20.3	30	2625	7875	3.0	30	5.6	35	1.2	FDG2KK756K524KD5
600	80	42	60	45	37.5	20.3	32	2800	8400	2.8	30	5.2	35	1.2	FDG2KK806K524KD5
600	85	42	60	45	37.5	20.3	34	2975	8925	2.5	30	5.2	35	1.2	FDG2KK856K524KD5
600	40	57.5	45	25	52.5	10.2	13.5	800	2400	8.0	35	10.3	20	1.2	FDG2KK406M104MB5
600	45	57.5	45	25	52.5	10.2	14	900	2700	7.5	35	10.2	20	1.2	FDG2KK456M104MB5
600	50	57.5	45	25	52.5	10.2	15.5	1000	3000	7.0	35	8.9	20	1.2	FDG2KK506M104MB5
600	55	57.5	45	30	52.5	20.3	17	1100	3300	6.2	35	8.4	20	1.2	FDG2KK556M164MD5
600	60	57.5	45	30	52.5	20.3	18.5	1200	3600	6.0	35	7.3	20	1.2	FDG2KK606M164MD5
600	65	57.5	50	35	52.5	20.3	20	1300	3900	5.5	35	6.8	20	1.2	FDG2KK656M204MD5
600	70	57.5	50	35	52.5	20.3	21.5	1400	4200	5.0	35	6.5	20	1.2	FDG2KK706M204MD5
600	75	57.5	50	35	52.5	20.3	23.5	1500	4500	4.5	35	6.0	20	1.2	FDG2KK756M204MD5
600	80	57.5	50	35	52.5	20.3	24.5	1600	4800	4.2	35	5.9	20	1.2	FDG2KK806M204MD5
600	90	57.5	55	45	52.5	20.3	26	1800	5400	4.0	35	5.5	20	1.2	FDG2KK906M324MD5
600	100	57.5	55	45	52.5	20.3	29	2000	6000	3.4	35	5.2	20	1.2	FDG2KK107M324MD5
600	110	57.5	55	45	52.5	20.3	30	2200	6600	3.0	35	5.6	20	1.2	FDG2KK117M324MD5

FDG Series - 450Vdc ~ 1500Vdc (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
600	120	57.5	65	45	52.5	20.3	32	2400	7200	2.8	35	5.2	20	1.2	FDG2KK127M344MD5
600	130	57.5	65	45	52.5	20.3	33	2600	7800	2.6	35	5.3	20	1.2	FDG2KK137M344MD5
600	140	57.5	65	45	52.5	20.3	34	2800	8400	2.5	35	5.2	20	1.2	FDG2KK147M344MD5
700	2	32	18	9	27.5	/	2.9	130	390	40.0	25	44.6	65	0.8	FDG2MK205G152GL5
700	3	32	20	11	27.5	/	4	195	585	28.0	25	33.5	65	0.8	FDG2MK305G182GL5
700	4	32	20	11	27.5	/	5.5	260	780	23.0	25	21.6	65	0.8	FDG2MK405G182GL5
700	5	32	22	13	27.5	/	7	325	975	14.5	25	21.1	65	0.8	FDG2MK505G212GL5
700	6	32	24.5	15	27.5	/	73	390	1170	13.0	25	21.7	65	0.8	FDG2MK605G272GL5
700	7	32	24.5	15	27.5	/	8.5	455	1365	12.0	25	17.3	65	0.8	FDG2MK705G272GL5
700	8	32	28	14	27.5	/	9.5	520	1560	11.0	25	15.1	65	0.8	FDG2MK805G262GL5
700	9	32	30	16	27.5	/	10.5	585	1755	10.5	25	13.0	65	0.8	FDG2MK905G322GL5
700	10	32	30	16	27.5	/	11	650	1950	10.0	25	12.4	65	0.8	FDG2MK106G322GL5
700	12	32	33	18	27.5	/	12	780	2340	9.5	25	11.0	65	0.8	FDG2MK126G342GL5
700	15	32	37	22	27.5	/	12	975	2925	9.5	28	11.0	65	0.8	FDG2MK156G402GL5
700	15	32	37	22	27.5	10.2	14.5	975	2925	7.0	28	10.2	65	1.0	FDG2MK156G404GB5
700	18	32	37	22	27.5	/	12.5	1170	3510	9.0	28	10.7	65	0.8	FDG2MK186G402GL5
700	18	32	37	22	27.5	10.2	16.5	1170	3510	6.0	28	9.2	65	1.0	FDG2MK186G404GB5
700	10	42	30	17	37.5	/	7	350	1050	18.0	28	17.0	35	1.0	FDG2MK106K182KL5
700	12	42	30	17	37.5	/	8	420	1260	12.0	28	19.5	35	1.0	FDG2MK126K182KL5
700	15	42	32	19	37.5	/	9.5	525	1575	11.0	28	15.1	35	1.0	FDG2MK156K212KL5
700	20	42	40	20	37.5	10.2	12.5	700	2100	9.0	30	10.7	35	1.2	FDG2MK206K244KB5
700	22	42	40	20	37.5	10.2	13.5	770	2310	8.0	30	10.3	35	1.2	FDG2MK226K244KB5
700	25	42	40	20	37.5	10.2	15.5	875	2625	7.0	30	8.9	35	1.2	FDG2MK256K244KB5
700	30	42	44	24	37.5	10.2	16.5	1050	3150	6.5	30	8.5	35	1.2	FDG2MK306K324KB5
700	35	42	45	30	37.5	20.3	18.5	1225	3675	6.0	30	7.3	35	1.2	FDG2MK356K424KD5
700	40	42	45	30	37.5	20.3	20.5	1400	4200	5.0	30	7.1	35	1.2	FDG2MK406K424KD5
700	45	42	50	35	37.5	20.3	23	1575	4725	4.5	30	6.3	35	1.2	FDG2MK456K474KD5
700	50	42	50	35	37.5	20.3	25	1750	5250	4.0	30	6.0	35	1.2	FDG2MK506K474KD5
700	60	42	55	40	37.5	20.3	27	2100	6300	3.8	30	5.4	35	1.2	FDG2MK606K494KD5
700	70	42	55	40	37.5	20.3	29	2450	7350	3.5	30	5.1	35	1.2	FDG2MK706K494KD5
700	75	42	60	45	37.5	20.3	30	2625	7875	3.0	30	5.6	35	1.2	FDG2MK756K524KD5
700	80	42	60	45	37.5	20.3	32	2800	8400	2.8	30	5.2	35	1.2	FDG2MK806K524KD5
700	85	42	60	45	37.5	20.3	34	2975	8925	2.5	30	5.2	35	1.2	FDG2MK856K524KD5
700	40	57.5	45	25	52.5	10.2	13.5	800	2400	8.0	35	10.3	20	1.2	FDG2MK406M104MB5
700	45	57.5	45	25	52.5	10.2	14	900	2700	7.5	35	10.2	20	1.2	FDG2MK456M104MB5
700	50	57.5	45	25	52.5	10.2	15.5	1000	3000	7.0	35	8.9	20	1.2	FDG2MK506M104MB5
700	55	57.5	45	30	52.5	20.3	17	1100	3300	6.2	35	8.4	20	1.2	FDG2MK556M164MD5
700	60	57.5	45	30	52.5	20.3	18.5	1200	3600	6.0	35	7.3	20	1.2	FDG2MK606M164MD5
700	65	57.5	50	35	52.5	20.3	20	1300	3900	5.5	35	6.8	20	1.2	FDG2MK656M204MD5
700	70	57.5	50	35	52.5	20.3	21.5	1400	4200	5.0	35	6.5	20	1.2	FDG2MK706M204MD5
700	75	57.5	50	35	52.5	20.3	23.5	1500	4500	4.5	35	6.0	20	1.2	FDG2MK756M204MD5
700	80	57.5	50	35	52.5	20.3	24.5	1600	4800	4.2	35	5.9	20	1.2	FDG2MK806M204MD5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FDG Series - 450Vdc ~ 1500Vdc (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
700	90	57.5	55	45	52.5	20.3	26	1800	5400	4.0	35	5.5	20	1.2	FDG2MK906M324MD5
700	100	57.5	55	45	52.5	20.3	29	2000	6000	3.4	35	5.2	20	1.2	FDG2MK107M324MD5
700	110	57.5	55	45	52.5	20.3	30	2200	6600	3.0	35	5.6	20	1.2	FDG2MK117M324MD5
700	120	57.5	65	45	52.5	20.3	32	2400	7200	2.8	35	5.2	20	1.2	FDG2MK127M344MD5
700	130	57.5	65	45	52.5	20.3	33	2600	7800	2.6	35	5.3	20	1.2	FDG2MK137M344MD5
700	140	57.5	65	45	52.5	20.3	34	2800	8400	2.5	35	5.2	20	1.2	FDG2MK147M344MD5
800	2	32	18	9	27.5	/	2.9	130	390	40.0	25	44.6	65	0.8	FDG2NK205G152GL5
800	3	32	20	11	27.5	/	4.5	195	585	26.0	25	28.5	65	0.8	FDG2NK305G182GL5
800	4	32	24.5	13	27.5	/	5.8	260	780	22.0	25	20.3	65	0.8	FDG2NK405G222GL5
800	5	32	24.5	15	27.5	/	7.5	325	975	14.0	25	19.0	65	0.8	FDG2NK505G272GL5
800	6	32	30	16	27.5	/	8.5	390	1170	12.0	25	17.3	65	0.8	FDG2NK605G322GL5
800	7	32	30	16	27.5	/	9.5	455	1365	11.0	25	15.1	65	0.8	FDG2NK705G322GL5
800	8	32	33	18	27.5	/	10.5	520	1560	10.5	25	13.0	65	0.8	FDG2NK805G342GL5
800	9	32	33	18	27.5	/	11.5	585	1755	10.2	25	11.1	65	0.8	FDG2NK905G342GL5
800	10	32	37	22	27.5	/	12	650	1950	9.5	25	11.0	65	0.8	FDG2NK106G402GL5
800	10	32	37	22	27.5	10.2	14	650	1950	8.5	25	9.0	65	1.0	FDG2NK106G404GB5
800	12	32	37	22	27.5	/	12	780	2340	9.5	25	11.0	65	0.8	FDG2NK126G402GL5
800	12	32	37	22	27.5	10.2	15	780	2340	8.0	25	8.3	65	1.0	FDG2NK126G404GB5
800	14	32	37	22	27.5	/	12	910	2730	9.5	25	11.0	65	0.8	FDG2NK146G402GL5
800	14	32	37	22	27.5	10.2	16	910	2730	7.5	25	7.8	65	1.0	FDG2NK146G404GB5
800	8	42	30	17	37.5	/	5.5	280	840	22.5	28	22.0	35	1.0	FDG2NK805K182KL5
800	9	42	30	17	37.5	/	6	315	945	21.5	28	19.4	35	1.0	FDG2NK905K182KL5
800	10	42	32	19	37.5	/	7	350	1050	18.0	28	17.0	35	1.0	FDG2NK106K212KL5
800	12	42	32	19	37.5	/	8	420	1260	12.0	28	19.5	35	1.0	FDG2NK126K212KL5
800	14	42	32	19	37.5	/	9.5	490	1470	11.0	28	15.1	35	1.0	FDG2NK146K212KL5
800	15	42	40	20	37.5	10.2	12.5	525	1575	9.0	30	10.7	35	1.2	FDG2NK156K244KB5
800	20	42	44	24	37.5	10.2	13.5	700	2100	8.0	30	10.3	35	1.2	FDG2NK206K324KB5
800	25	42	44	24	37.5	10.2	16.5	875	2625	6.5	30	8.5	35	1.2	FDG2NK256K324KB5
800	30	42	45	30	37.5	20.3	20	1050	3150	5.8	30	6.5	35	1.2	FDG2NK306K424KD5
800	35	42	50	35	37.5	20.3	22	1225	3675	5.5	30	5.6	35	1.2	FDG2NK356K474KD5
800	40	42	50	35	37.5	20.3	25	1400	4200	4.8	30	5.0	35	1.2	FDG2NK406K474KD5
800	45	42	55	40	37.5	20.3	28	1575	4725	4.0	30	4.8	35	1.2	FDG2NK456K494KD5
800	50	42	55	40	37.5	20.3	31	1750	5250	3.6	30	4.3	35	1.2	FDG2NK506K494KD5
800	55	42	60	45	37.5	20.3	32.5	1925	5775	3.4	30	4.2	35	1.2	FDG2NK556K524KD5
800	60	42	60	45	37.5	20.3	34	2100	6300	3.2	30	4.1	35	1.2	FDG2NK606K524KD5
800	65	42	60	45	37.5	20.3	35	2275	6825	2.8	30	4.4	35	1.2	FDG2NK656K524KD5
800	25	57.5	45	25	52.5	10.2	8.5	500	1500	12.0	35	17.3	20	1.2	FDG2NK256M104MB5
800	30	57.5	45	25	52.5	10.2	10	600	1800	10.5	35	14.3	20	1.2	FDG2NK306M104MB5
800	35	57.5	45	25	52.5	10.2	12	700	2100	9.5	35	11.0	20	1.2	FDG2NK356M104MB5
800	40	57.5	45	30	52.5	20.3	14	800	2400	8.5	35	9.0	20	1.2	FDG2NK406M164MD5
800	45	57.5	45	30	52.5	20.3	15.5	900	2700	7.0	35	8.9	20	1.2	FDG2NK456M164MD5
800	50	57.5	50	35	52.5	20.3	17	1000	3000	5.8	35	8.9	20	1.2	FDG2NK506M204MD5

FDG Series - 450Vdc ~ 1500Vdc (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
800	55	57.5	50	35	52.5	20.3	19	1100	3300	5.5	35	7.6	20	1.2	FDG2NK556M204MD5
800	60	57.5	50	35	52.5	20.3	21	1200	3600	4.8	35	7.1	20	1.2	FDG2NK606M204MD5
800	65	57.5	55	45	52.5	20.3	22.5	1300	3900	4.6	35	6.4	20	1.2	FDG2NK656M324MD5
800	70	57.5	55	45	52.5	20.3	24	1400	4200	4.5	35	5.8	20	1.2	FDG2NK706M324MD5
800	75	57.5	55	45	52.5	20.3	25.5	1500	4500	4.3	35	5.4	20	1.2	FDG2NK756M324MD5
800	80	57.5	55	45	52.5	20.3	26	1600	4800	4.2	35	5.3	20	1.2	FDG2NK806M324MD5
800	90	57.5	55	45	52.5	20.3	27.5	1800	5400	4.0	35	5.0	20	1.2	FDG2NK906M324MD5
800	100	57.5	65	45	52.5	20.3	31.5	2000	6000	3.2	35	4.7	20	1.2	FDG2NK107M344MD5
800	110	57.5	65	45	52.5	20.3	34	2200	6600	3.0	35	4.3	20	1.2	FDG2NK117M344MD5
900	1	32	18	9	27.5	/	2	70	210	65.0	25	57.7	70	0.8	FDG2QK105G152GL5
900	2	32	20	11	27.5	/	32	140	420	38.0	25	38.5	70	0.8	FDG2QK205G182GL5
900	3	32	22	13	27.5	/	4.8	210	630	30.0	25	21.7	70	0.8	FDG2QK305G212GL5
900	4	32	24.5	15	27.5	/	6	280	840	20.5	25	20.3	70	0.8	FDG2QK405G272GL5
900	5	32	30	16	27.5	/	7.5	350	1050	12.0	25	22.2	70	0.8	FDG2QK505G322GL5
900	6	32	33	18	27.5	/	7.8	420	1260	11.5	25	21.4	70	0.8	FDG2QK605G342GL5
900	7	32	33	18	27.5	/	10.5	490	1470	10.2	25	13.3	70	0.8	FDG2QK705G342GL5
900	8	32	37	22	27.5	/	11.5	560	1680	9.5	25	11.9	70	0.8	FDG2QK805G402GL5
900	8	32	37	22	27.5	10.2	12.5	560	1680	9.0	25	10.7	70	1.0	FDG2QK805G404GB5
900	9	32	37	22	27.5	/	11.8	630	1890	9.7	25	11.1	70	0.8	FDG2QK905G402GL5
900	9	32	37	22	27.5	10.2	14	630	1890	7.8	25	9.8	70	1.0	FDG2QK905G404GB5
900	10	32	37	22	27.5	/	12	700	2100	9.5	25	11.0	70	0.8	FDG2QK106G402GL5
900	10	32	37	22	27.5	10.2	15.5	700	2100	7.2	25	8.7	70	1.0	FDG2QK106G404GB5
900	5	42	30	17	37.5	/	3.8	175	525	28.0	28	37.1	35	1.0	FDG2QK505K182KL5
900	6	42	30	17	37.5	/	4.5	210	630	25.0	28	29.6	35	1.0	FDG2QK605K182KL5
900	7	42	30	17	37.5	/	5	245	735	22.0	28	27.3	35	1.0	FDG2QK705K182KL5
900	8	42	32	19	37.5	/	6	280	840	19.5	28	21.4	35	1.0	FDG2QK805K212KL5
900	10	42	40	20	37.5	10.2	7.5	350	1050	13.0	30	20.5	35	1.2	FDG2QK106K244KB5
900	12	42	37	22	37.5	10.2	9	420	1260	11.5	30	16.1	35	1.2	FDG2QK126K274KB5
900	15	42	44	24	37.5	10.2	10.5	525	1575	10.5	30	13.0	35	1.2	FDG2QK156K324KB5
900	18	42	44	24	37.5	10.2	13	630	1890	8.8	30	10.1	35	1.2	FDG2QK186K324KB5
900	20	42	44	24	37.5	10.2	14.5	700	2100	7.5	30	9.5	35	1.2	FDG2QK206K324KB5
900	25	42	45	30	37.5	20.3	17.5	875	2625	6.2	30	7.9	35	1.2	FDG2QK256K424KD5
900	30	42	50	35	37.5	20.3	21.5	1050	3150	5.0	30	6.5	35	1.2	FDG2QK306K474KD5
900	35	42	55	40	37.5	20.3	23	1225	3675	4.6	30	6.2	35	1.2	FDG2QK356K494KD5
900	40	42	55	40	37.5	20.3	26.5	1400	4200	3.9	30	5.5	35	1.2	FDG2QK406K494KD5
900	45	42	60	45	37.5	20.3	30	1575	4725	3.4	30	4.9	35	1.2	FDG2QK456K524KD5
900	50	42	60	45	37.5	20.3	33.5	1750	5250	3.0	30	4.5	35	1.2	FDG2QK506K524KD5
900	15	57.5	45	25	52.5	10.2	5.5	300	900	22.0	35	22.5	20	1.2	FDG2QK156M104MB5
900	20	57.5	45	25	52.5	10.2	7.5	400	1200	13.5	35	19.8	20	1.2	FDG2QK206M104MB5
900	25	57.5	45	25	52.5	10.2	9	500	1500	11.5	35	16.1	20	1.2	FDG2QK256M104MB5
900	30	57.5	45	30	52.5	20.3	11	600	1800	10.0	35	12.4	20	1.2	FDG2QK306M164MD5
900	35	57.5	45	30	52.5	20.3	12.5	700	2100	9.0	35	10.7	20	1.2	FDG2QK356M164MD5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FDG Series - 450Vdc ~ 1500Vdc (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions					Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		W	H	T	P	P1									
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
900	40	57.5	50	35	52.5	20.3	14.5	800	2400	7.5	35	9.5	20	1.2	FDG2QK406M204MD5
900	45	57.5	50	35	52.5	20.3	16	900	2700	6.8	35	8.6	20	1.2	FDG2QK456M204MD5
900	50	57.5	50	35	52.5	20.3	18	1000	3000	6.4	35	7.2	20	1.2	FDG2QK506M204MD5
900	55	57.5	55	45	52.5	20.3	20	1100	3300	5.6	35	6.7	20	1.2	FDG2QK556M324MD5
900	60	57.5	55	45	52.5	20.3	21.5	1200	3600	4.8	35	6.8	20	1.2	FDG2QK606M324MD5
900	65	57.5	55	45	52.5	20.3	23	1300	3900	4.5	35	6.3	20	1.2	FDG2QK656M324MD5
900	70	57.5	65	45	52.5	20.3	25	1400	4200	4.0	35	6.0	20	1.2	FDG2QK706M344MD5
900	75	57.5	65	45	52.5	20.3	25.5	1500	4500	3.9	35	5.9	20	1.2	FDG2QK756M344MD5
900	80	57.5	65	45	52.5	20.3	26.5	1600	4800	3.8	35	5.6	20	1.2	FDG2QK806M344MD5
900	85	57.5	65	45	52.5	20.3	28.5	1700	5100	3.6	35	5.1	20	1.2	FDG2QK856M344MD5
1000	1	32	18	9	27.5	/	2	75	225	65.0	25	57.7	75	0.8	FDG3KK105G152GL5
1000	2	32	22	13	27.5	/	3.5	150	450	38.0	25	32.2	75	0.8	FDG3KK205G212GL5
1000	3	32	24.5	15	27.5	/	5	225	675	22.0	25	27.3	75	0.8	FDG3KK305G272GL5
1000	4	32	30	16	27.5	/	7	300	900	16.5	25	18.6	75	0.8	FDG3KK405G322GL5
1000	5	32	33	18	27.5	/	8.5	375	1125	12.5	25	16.6	75	0.8	FDG3KK505G342GL5
1000	6	32	33	18	27.5	/	9	450	1350	11.5	25	16.1	75	0.8	FDG3KK605G342GL5
1000	7	32	37	22	27.5	/	9.5	525	1575	11.0	25	15.1	75	0.8	FDG3KK705G402GL5
1000	7	32	37	22	27.5	10.2	11.5	525	1575	9.8	25	11.6	75	1.0	FDG3KK705G404GB5
1000	8	32	37	22	27.5	/	10.5	600	1800	10.5	25	13.0	75	0.8	FDG3KK805G402GL5
1000	8	32	37	22	27.5	10.2	13	600	1800	8.8	25	10.1	75	1.0	FDG3KK805G404GB5
1000	5	42	30	17	37.5	/	3.8	175	525	28.0	28	37.1	35	1.0	FDG3KK505K182KL5
1000	6	42	30	17	37.5	/	4.5	210	630	25.0	28	29.6	35	1.0	FDG3KK605K182KL5
1000	7	42	30	17	37.5	/	5	245	735	22.0	28	27.3	35	1.0	FDG3KK705K182KL5
1000	8	42	32	19	37.5	/	6	280	840	19.5	28	21.4	35	1.0	FDG3KK805K212KL5
1000	10	42	40	20	37.5	10.2	7.5	350	1050	13.0	30	20.5	35	1.2	FDG3KK106K244KB5
1000	12	42	37	22	37.5	10.2	9	420	1260	11.5	30	16.1	35	1.2	FDG3KK126K274KB5
1000	15	42	44	24	37.5	10.2	11.5	525	1575	10.0	30	11.3	35	1.2	FDG3KK156K324KB5
1000	18	42	45	30	37.5	20.3	14	630	1890	7.8	30	9.8	35	1.2	FDG3KK186K424KD5
1000	20	42	45	30	37.5	20.3	15.5	700	2100	7.0	30	8.9	35	1.2	FDG3KK206K424KD5
1000	25	42	50	35	37.5	20.3	19.5	875	2625	5.5	30	7.2	35	1.2	FDG3KK256K474KD5
1000	30	42	55	40	37.5	20.3	23	1050	3150	4.6	30	6.2	35	1.2	FDG3KK306K494KD5
1000	35	42	55	40	37.5	20.3	25	1225	3675	4.0	30	6.0	35	1.2	FDG3KK356K494KD5
1000	40	42	60	45	37.5	20.3	28.5	1400	4200	3.6	30	5.1	35	1.2	FDG3KK406K524KD5
1000	15	57.5	45	25	52.5	10.2	5.8	300	900	19.8	35	22.5	20	1.2	FDG3KK156M104MB5
1000	20	57.5	45	25	52.5	10.2	7.5	400	1200	13.5	35	19.8	20	1.2	FDG3KK206M104MB5
1000	25	57.5	45	25	52.5	10.2	9.5	500	1500	11.0	35	15.1	20	1.2	FDG3KK256M104MB5
1000	30	57.5	45	30	52.5	20.3	11.5	600	1800	9.8	35	11.6	20	1.2	FDG3KK306M164MD5
1000	35	57.5	45	30	52.5	20.3	13.5	700	2100	8.0	35	10.3	20	1.2	FDG3KK356M164MD5
1000	40	57.5	50	35	52.5	20.3	15.5	800	2400	7.0	35	8.9	20	1.2	FDG3KK406M204MD5
1000	45	57.5	55	45	52.5	20.3	17.5	900	2700	6.2	35	7.9	20	1.2	FDG3KK456M324MD5
1000	50	57.5	55	45	52.5	20.3	19.5	1000	3000	5.8	35	6.8	20	1.2	FDG3KK506M324MD5
1000	55	57.5	55	45	52.5	20.3	21	1100	3300	5.0	35	6.8	20	1.2	FDG3KK556M324MD5

FDG Series - 450Vdc ~ 1500Vdc (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
1000	60	57.5	65	45	52.5	20.3	23	1200	3600	4.6	35	6.2	20	1.2	FDG3KK606M344MD5
1000	65	57.5	65	45	52.5	20.3	25	1300	3900	4.2	35	5.7	20	1.2	FDG3KK656M344MD5
1000	70	57.5	65	45	52.5	20.3	27	1400	4200	3.8	35	5.4	20	1.2	FDG3KK706M344MD5
1100	1	32	20	11	27.5	/	22	80	240	65.0	25	47.7	80	0.8	FDG3MK105G182GL5
1100	1.5	32	22	13	27.5	/	2.5	120	360	46.0	25	52.2	80	0.8	FDG3MK155G212GL5
1100	2	32	24.5	13	27.5	/	4.8	160	480	24.5	25	26.6	80	0.8	FDG3MK205G222GL5
1100	3	32	30	16	27.5	/	6.5	240	720	18.5	25	19.2	80	0.8	FDG3MK305G322GL5
1100	4	32	33	18	27.5	/	8.5	320	960	12.5	25	16.6	80	0.8	FDG3MK405G342GL5
1100	5	32	37	22	27.5	/	9.8	400	1200	10.8	25	14.5	80	0.8	FDG3MK505G402GL5
1100	5	32	37	22	27.5	10.2	10.5	400	1200	10.5	25	13.0	80	1.0	FDG3MK505G404GB5
1100	6	32	37	22	27.5	/	10.5	480	1440	10.5	25	13.0	80	0.8	FDG3MK605G402GL5
1100	6	32	37	22	27.5	10.2	13	480	1440	8.8	25	10.1	80	1.0	FDG3MK605G404GB5
1100	3	42	30	17	37.5	/	2.5	120	360	46.0	28	52.2	40	1.0	FDG3MK305K182KL5
1100	4	42	30	17	37.5	/	3.5	160	480	32.5	28	37.7	40	1.0	FDG3MK405K182KL5
1100	4.7	42	32	19	37.5	/	4	188	564	28.0	28	33.5	40	1.0	FDG3MK475K212KL5
1100	5	42	32	19	37.5	/	42	200	600	26.0	28	32.7	40	1.0	FDG3MK505K212KL5
1100	6	42	32	19	37.5	/	5	240	720	23.5	28	25.5	40	1.0	FDG3MK605K212KL5
1100	7	42	40	20	37.5	10.2	6	280	840	18.5	30	22.5	40	1.2	FDG3MK705K244KB5
1100	8	42	37	22	37.5	10.2	6.5	320	960	16.5	30	21.5	40	1.2	FDG3MK805K274KB5
1100	9	42	37	22	37.5	10.2	7.5	360	1080	13.0	30	20.5	40	1.2	FDG3MK905K274KB5
1100	10	42	44	24	37.5	10.2	8.5	400	1200	12.0	30	17.3	40	1.2	FDG3MK106K324KB5
1100	12	42	44	24	37.5	10.2	10	480	1440	10.8	30	13.9	40	1.2	FDG3MK126K324KB5
1100	14	42	45	30	37.5	20.3	12	560	1680	9.5	30	11.0	40	1.2	FDG3MK146K424KD5
1100	15	42	45	30	37.5	20.3	13	600	1800	8.5	30	10.4	40	1.2	FDG3MK156K424KD5
1100	18	42	50	35	37.5	20.3	15	720	2160	7.0	30	9.5	40	1.2	FDG3MK186K474KD5
1100	20	42	50	35	37.5	20.3	16.5	800	2400	6.5	30	8.5	40	1.2	FDG3MK206K474KD5
1100	25	42	55	40	37.5	20.3	20.5	1000	3000	5.0	30	7.1	40	1.2	FDG3MK256K494KD5
1100	30	42	60	45	37.5	20.3	24.5	1200	3600	4.3	30	5.8	40	1.2	FDG3MK306K524KD5
1100	15	57.5	45	25	52.5	10.2	6.5	300	900	16.5	35	21.5	20	1.2	FDG3MK156M104MB5
1100	20	57.5	45	30	52.5	20.3	9	400	1200	11.5	35	16.1	20	1.2	FDG3MK206M164MD5
1100	25	57.5	50	35	52.5	20.3	11	500	1500	10.0	35	12.4	20	1.2	FDG3MK256M204MD5
1100	30	57.5	50	35	52.5	20.3	13	600	1800	8.6	35	10.3	20	1.2	FDG3MK306M204MD5
1100	35	57.5	55	45	52.5	20.3	14.5	700	2100	7.5	35	9.5	20	1.2	FDG3MK356M324MD5
1100	40	57.5	55	45	52.5	20.3	16	800	2400	6.8	35	8.6	20	1.2	FDG3MK406M324MD5
1100	45	57.5	55	45	52.5	20.3	17.5	900	2700	6.2	35	7.9	20	1.2	FDG3MK456M324MD5
1100	50	57.5	65	45	52.5	20.3	19.5	1000	3000	5.6	35	7.0	20	1.2	FDG3MK506M344MD5
1100	55	57.5	65	45	52.5	20.3	21.5	1100	3300	4.8	35	6.8	20	1.2	FDG3MK556M344MD5
1200	1	32	20	11	27.5	/	3.5	90	270	35.0	25	35.0	90	0.8	FDG3BK105G182GL5
1200	2	32	24.5	15	27.5	/	5	180	540	24.0	25	25.0	90	0.8	FDG3BK205G272GL5
1200	3	32	30	16	27.5	/	7.5	270	810	13.0	25	20.5	90	0.8	FDG3BK305G322GL5
1200	4	32	33	18	27.5	/	9.5	360	1080	11.0	25	15.1	90	0.8	FDG3BK405G342GL5
1200	5	32	37	22	27.5	/	10.5	450	1350	10.5	25	13.0	90	0.8	FDG3BK505G402GL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FDG Series - 450Vdc ~ 1500Vdc (85°C 85% 1.0U_{NDC} 1000H)
Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
1200	5	32	37	22	27.5	10.2	12	450	1350	9.5	25	11.0	90	1.0	FDG3BK505G404GB5
1200	3	42	30	17	37.5	/	32	135	405	35.0	28	41.9	45	1.0	FDG3BK305K182KL5
1200	4	42	30	17	37.5	/	42	180	540	28.0	28	30.4	45	1.0	FDG3BK405K662KL5
1200	5	42	32	19	37.5	/	5.5	225	675	21.5	28	23.1	45	1.0	FDG3BK505K212KL5
1200	6	42	40	20	37.5	10.2	6.5	270	810	16.5	30	21.5	45	1.2	FDG3BK605K244KB5
1200	7	42	37	22	37.5	10.2	7.5	315	945	13.0	30	20.5	45	1.2	FDG3BK705K274KB5
1200	8	42	44	24	37.5	10.2	8.5	360	1080	12.0	30	17.3	45	1.2	FDG3BK805K324KB5
1200	9	42	44	24	37.5	10.2	10	405	1215	10.8	30	13.9	45	1.2	FDG3BK905K324KB5
1200	10	42	44	24	37.5	10.2	11	450	1350	10.0	30	12.4	45	1.2	FDG3BK106K324KB5
1200	12	42	45	30	37.5	20.3	13	540	1620	8.5	30	10.4	45	1.2	FDG3BK126K424KD5
1200	15	42	50	35	37.5	20.3	16	675	2025	6.8	30	8.6	45	1.2	FDG3BK156K474KD5
1200	18	42	50	35	37.5	20.3	18	810	2430	6.2	30	7.5	45	1.2	FDG3BK186K474KD5
1200	20	42	55	40	37.5	20.3	20	900	2700	5.5	30	6.8	45	1.2	FDG3BK206K494KD5
1200	25	42	60	45	37.5	20.3	25	1125	3375	4.3	30	5.6	45	1.2	FDG3BK256K524KD5
1200	12	57.5	45	25	52.5	10.2	6.5	300	900	16.5	35	21.5	25	1.2	FDG3BK126M104MB5
1200	15	57.5	45	25	52.5	10.2	7.5	375	1125	13.0	35	20.5	25	1.2	FDG3BK156M104MB5
1200	20	57.5	45	30	52.5	20.3	11	500	1500	10.0	35	12.4	25	1.2	FDG3BK206M164MD5
1200	25	57.5	50	35	52.5	20.3	13	625	1875	8.6	35	10.3	25	1.2	FDG3BK256M204MD5
1200	30	57.5	55	45	52.5	20.3	14.5	750	2250	7.5	35	9.5	25	1.2	FDG3BK306M324MD5
1200	35	57.5	55	45	52.5	20.3	16	875	2625	6.8	35	8.6	25	1.2	FDG3BK356M324MD5
1200	40	57.5	65	45	52.5	20.3	20	1000	3000	5.5	35	6.8	25	1.2	FDG3BK406M344MD5
1200	45	57.5	65	45	52.5	20.3	22.5	1125	3375	4.8	35	6.2	25	1.2	FDG3BK456M344MD5

FDB Series - 500 ~ 1100VDC (Cylindrical Plastic Case)

Overview

The FDB capacitor is constructed of metallized polypropylene film in cylindrical plastic case and filled with epoxy resin.

概述

FDB结构为金属化聚丙烯膜，环氧树脂封装，圆柱塑料壳所构成。

Applications

Widely used in DC Link, high performance DC filtering, motor drive systems, welder, elevator, EV/HEV.

应用

广泛应用于高性能直流支撑、直流滤波、电驱系统，焊接机，电梯及新能源电动汽车。

Features

- Self-healing
- Low inductance
- High capacitance density
- Low ESR and high ripple current handling capability
- Long lifetime and can replace bank of series-connected electrolytic capacitors

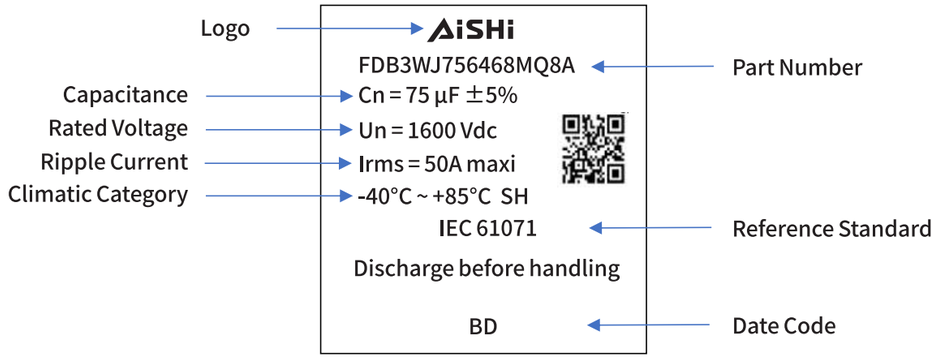
特点

- 良好的自愈能力
- 低感值
- 高容量密度
- 低等效串联电阻及耐高纹波电流
- 长寿命及取代电解电容

Qualification标准

Reference Standard	IEC 61071
Climate Category	40/85/56 IEC 60068-1

Marking标识



工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FDB Series - 500 ~ 1100VDC (Cylindrical Plastic Case)

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	DB	3W	J	756	468	MQ8	A
Capacitor Type	Series	Voltage (VDC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Terminal Length Code
F = Film	DC Link, Cylindrical Plastic Case, Metallized PP Film	500=2H 600=2K 800=2N 1000=3K 1100=3M	J = ±5% K = ±10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Terminal Length Code Table

Size Code Table
尺寸表

Digit One Case Diameter: D		Digit Two and Three Case Height: H	
85mm	4	40mm	40
		51mm	51
		64mm	64
		76mm	76

Terminal Code
引出端代码

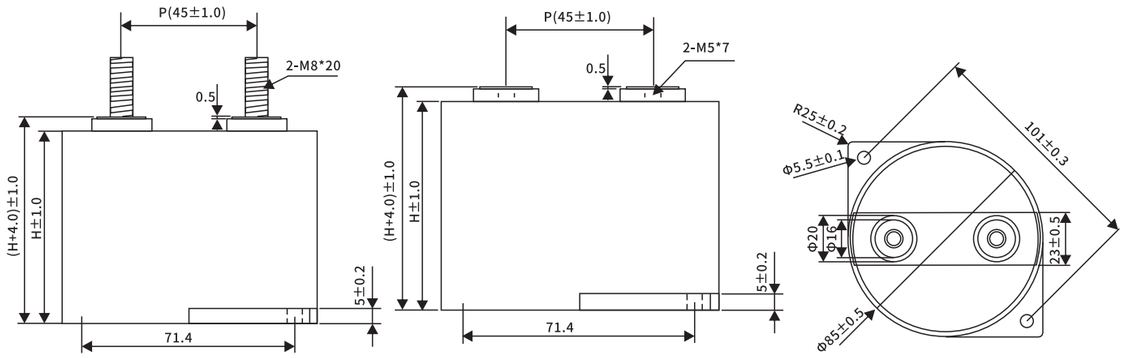
Digit One (Lead/Terminal Type)		Digit Two (Terminal Space)		Digit Three (Terminal Size)	
Male Terminal	M	45.0mm	Q	M5	5
Female Terminal	F	N/A	N	M6	6
				M8	8

Lead Length Code
引出端长度代码

Lead Length	
5mm	5
6mm	6
7mm	7
20mm	A
N/A	N

FDB Series - 500 ~ 1100VDC (Cylindrical Plastic Case)

Outline Drawing (mm) 外形图



Rating and Part Number标准品一览表

Male Terminal螺栓式引出端

Vdc	Cap Value μF	Dimensions D mm	H mm	P mm	Irms 10KHz A(50°C)	Peak Current A	Surge Current A	ESR 1KHz mΩ	ESL nH	Thermal Res °C/W	dv/dt V/us	Pkg Qty pcs	Part Number
500	150	85	40	45	65.0	5,250	15,750	1.8	25	4.3	35	8	FDB2HK157440MQ8A
500	220	85	51	45	65.0	5,500	16,500	1.8	40	4.8	25	8	FDB2HK227451MQ8A
500	280	85	64	45	70.0	5,600	16,800	1.6	40	5.4	20	8	FDB2HK287464MQ8A
600	100	85	40	45	70.0	3,500	10,500	1.5	25	5.0	35	8	FDB2KK107440MQ8A
600	150	85	51	45	80.0	3,750	11,250	1.4	30	6.5	25	8	FDB2KK157451MQ8A
600	220	85	64	45	90.0	4,400	13,200	1.5	40	4.5	20	8	FDB2KK227464MQ8A
800	66	85	40	45	70.0	2,310	6,930	2.0	25	5.0	35	8	FDB2NK666440MQ8A
800	100	85	51	45	75.0	2,500	7,500	1.8	30	5.0	25	8	FDB2NK107451MQ8A
800	140	85	64	45	80.0	2,800	8,400	1.6	40	8.4	20	8	FDB2NK147464MQ8A
800	220	85	64	45	100.0	4,400	13,200	1.4	40	4.8	20	8	FDB2NK227464MQ8A
1000	66	85	40	45	70.0	2,310	6,930	1.0	25	4.2	35	8	FDB3KK666440MQ8A
1000	120	85	51	45	85.0	3,000	9,000	2.2	30	5.2	25	8	FDB3KK127451MQ8A
1000	140	85	64	45	100.0	2,800	8,400	1.5	40	3.1	20	8	FDB3KK147464MQ8A
1100	50	85	40	45	55.0	1,750	5,250	2.4	30	4.5	35	8	FDB3MK506440MQ8A
1100	100	85	51	45	55.0	2,500	7,500	2.0	30	4.5	25	8	FDB3MK107451MQ8A

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FDB Series - 500 ~ 1100VDC (Cylindrical Plastic Case)

Rating and Part Number标准品一览表

Female Terminal螺孔式引出端

Vdc	Cap Value μF	Dimensions D mm	H mm	P mm	Irms 10KHz A(50°C)	Peak Current A	Surge Current A	ESR 1KHz mΩ	ESL nH	Thermal Res °C/W	dv/dt V/us	Pkg Qty pcs	Part Number
500	150	85	40	45	65.0	5,250	15,750	1.8	25	4.3	35	8	FDB2HK157440FQ55
500	220	85	51	45	65.0	5,500	16,500	1.8	40	4.8	25	8	FDB2HK227451FQ55
500	280	85	64	45	70.0	5,600	16,800	1.6	40	5.4	20	8	FDB2HK287464FQ55
600	100	85	40	45	70.0	3,500	10,500	1.5	25	5.0	35	8	FDB2KK107440FQ55
600	150	85	51	45	80.0	3,750	11,250	1.4	30	6.5	25	8	FDB2KK157451FQ55
600	220	85	64	45	90.0	4,400	13,200	1.5	40	4.5	20	8	FDB2KK227464FQ55
800	66	85	40	45	70.0	2,310	6,930	2.0	25	5.0	35	8	FDB2NK666440FQ55
800	100	85	51	45	75.0	2,500	7,500	1.8	30	5.0	25	8	FDB2NK107451FQ55
800	140	85	64	45	80.0	2,800	8,400	1.6	40	8.4	20	8	FDB2NK147464FQ55
800	220	85	64	45	100.0	4,400	13,200	1.4	40	4.8	20	8	FDB2NK227464FQ55
1000	66	85	40	45	70.0	2,310	6,930	1.0	25	4.2	35	8	FDB3KK666440FQ55
1000	120	85	51	45	85.0	3,000	9,000	2.2	30	5.2	25	8	FDB3KK127451FQ55
1000	140	85	64	45	100.0	2,800	8,400	1.5	40	3.1	20	8	FDB3KK147464FQ55
1100	50	85	40	45	55.0	1,750	5,250	2.4	30	4.5	35	8	FDB3MK506440FQ55
1100	100	85	51	45	55.0	2,500	7,500	2.0	30	4.5	25	8	FDB3MK107451FQ55

FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Overview

The FDC capacitor is constructed of metallized polypropylene film in cylindrical aluminum can with stud and filled with epoxy resin.

概述

FDC由金属化聚丙烯膜，圆柱铝壳及螺柱构成，并填充环氧树脂。

Applications

Widely used in high performance DC filtering, solar inverter, wind power and energy storage. Suitable for centralized inverter systems and can replace bank of series-connected electrolytic capacitors.

应用

广泛应用于高性能直流滤波、光伏逆变器、风力发电及储能。并取代电解电容在集中式逆变系统中的作用。

Features

- Self-healing
- High capacitance density
- High ripple current and low loss
- Long lifetime
- Can replace bank of series-connected electrolytic capacitors

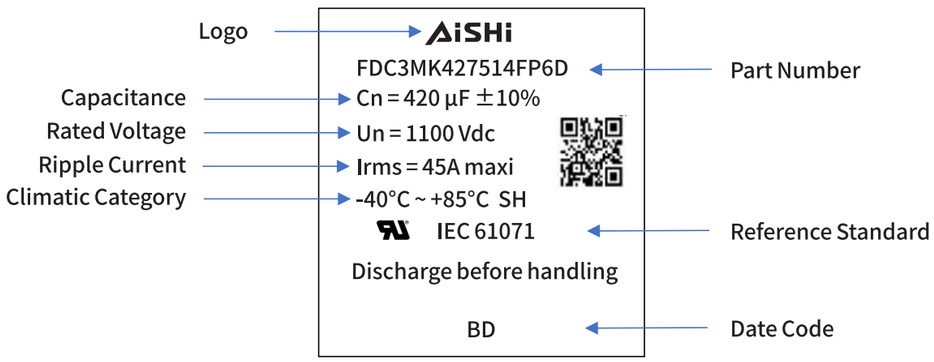
特点

- 良好的自愈能力
- 高容量密度
- 耐高纹波电流及低损耗
- 长寿命
- 可取代串联式电解电容组

Approvals 认证

Marking	Specification	File Number
	UL 810 (Construction Only)	E500537

Marking标识



工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	DC	3M	K	427	514	FP6	D
Capacitor Type	Series	Voltage (VDC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Bottom Stud Code
F = Film	DC Link, Cylindrical Aluminum Can Dry Type, Metallized PP Film	600=2K 700=2M 800=2N 900=2Q 1000=3K 1100=3M 1200=3B 1300=3S 1500=3U 1750=3Q 2000=3D 2200=3C 2400=4A 2600=4B 2800=4C 3000=3F 3200=4D 3600=4E 4000=3G	J = ±5% K = ±10% H=±3% A=-5%~+10% B=0~+5% C=-15%~0 D=0~+10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Bottom Stud Code Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Terminal Space)		Digit Three (Terminal Size)	
Male Terminal	M	32.0mm	P	M5	5
Female Terminal	F	35.0mm	X	M6	6
		45.0mm	Q	M8	8
		50.0mm	R		
		N/A	N		

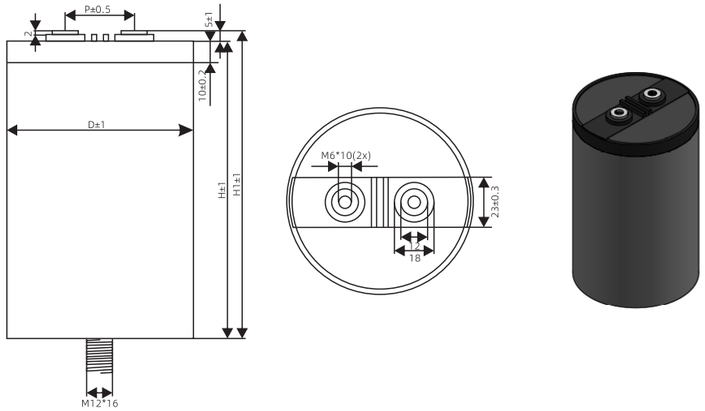
Bottom Stud Code
底部螺栓代码

Bottom Stud	
Bottom M8*10	C
Bottom M12*16	D
No Bottom Stud	E

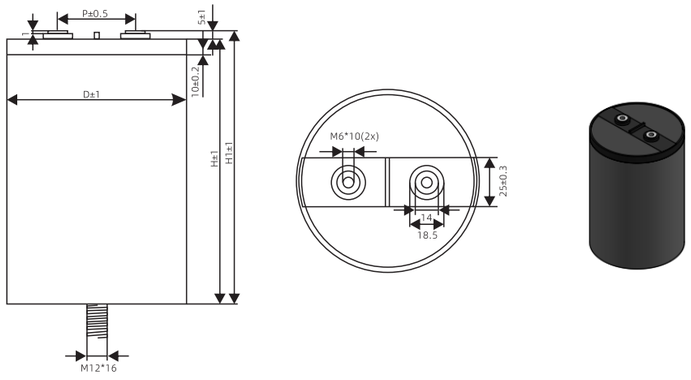
FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Outline Drawing (mm) 外形图

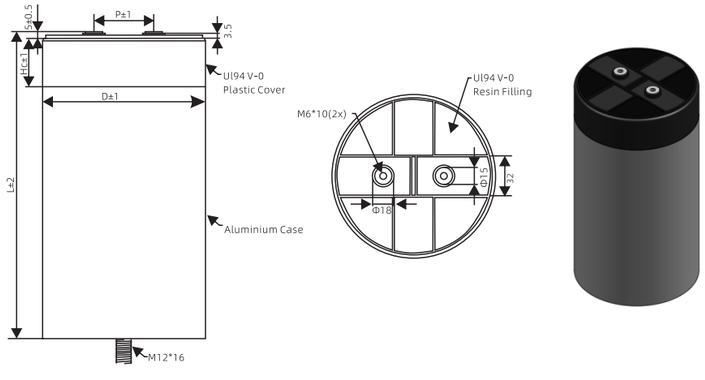
Diameter 76mm, 86mm



Diameter 116mm



Diameter 136mm



工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Size Code Table (mm) 尺寸表

Size Code	Dimensions (mm)					
	D±1	H1±1	P±1	d±0.3	d1±0.3	h±1
380	76.0	80.0	32.0	12.0	18.0	10.0
310	76.0	105.0	32.0	12.0	18.0	10.0
580	86.0	80.0	32.0	12.0	18.0	10.0
510	86.0	105.0	32.0	12.0	18.0	10.0
512	86.0	126.0	32.0	12.0	18.0	10.0
514	86.0	142.5	32.0	12.0	18.0	10.0
515	86.0	151.0	32.0	12.0	18.0	10.0
516	86.0	161.0	32.0	12.0	18.0	10.0
517	86.0	178.5	32.0	12.0	18.0	10.0
518	86.0	180.0	32.0	12.0	18.0	10.0
520	86.0	205.0	32.0	12.0	18.0	10.0
522	86.0	225.0	32.0	12.0	18.0	10.0
910	116.0	105.0	50.0	14.0	18.5	10.0
915	116.0	155.0	50.0	14.0	18.5	10.0
916	116.0	161.0	50.0	14.0	18.5	10.0
917	116.0	170.0	50.0	14.0	18.5	10.0
918	116.0	180.0	50.0	14.0	18.5	10.0
920	116.0	205.0	50.0	14.0	18.5	10.0
923	116.0	235.0	50.0	14.0	18.5	10.0
924	116.0	240.0	50.0	14.0	18.5	10.0
926	116.0	265.0	50.0	14.0	18.5	10.0
929	116.0	290.0	50.0	14.0	18.5	10.0
933	116.0	330.0	50.0	14.0	18.5	10.0
934	116.0	340.0	50.0	14.0	18.5	10.0
023	136.0	235.0	50.0	15.0	18.0	40.0
026	136.0	265.0	50.0	15.0	18.0	40.0
034	136.0	340.0	50.0	15.0	18.0	40.0

FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions			Irms	Peak Current	ESR 1KHz	ESL	Thermal Res	dv/dt	Pkg Qty	Part Number
		D	H1	P	10KHz							
		mm	mm	mm	A(50°C)	A	mΩ	nH	°C/W	V/us	pcs	
600	480	76	101	32	65	1560	1.5	45	5.5	3.3	12	FDC2KK487310FP6D
600	650	76	126	32	62	1560	1.9	50	4.7	2.4	12	FDC2KK657312FP6D
600	800	76	146	32	60	1600	2.0	55	4.6	2.0	12	FDC2KK807314FP6D
600	950	76	180	32	70	3200	1.5	45	4.2	3.4	12	FDC2KK957318FP6D
600	650	86	101	32	70	2200	1.2	45	5.1	3.4	8	FDC2KK657510FP6D
600	880	86	126	32	70	2100	1.5	50	4.7	2.4	8	FDC2KK887512FP6D
600	1000	86	142	32	65	2430	1.0	55	4.6	2.4	8	FDC2KK108514FP6D
600	1100	86	146	32	66	2160	1.7	55	4.6	2.0	8	FDC2KK118514FP6D
600	1100	86	161	32	70	4200	1.4	40	4.3	3.8	8	FDC2KK118516FP6D
600	1300	86	180	32	70	4200	1.4	45	4.3	3.2	8	FDC2KK138518FP6D
600	2000	86	260	32	70	6500	1.1	55	3.0	3.3	8	FDC2KK208526FP6D
600	900	96	101	50	70	2900	1.3	45	4.7	3.2	6	FDC2KK907610FR6D
600	1200	96	126	50	70	2900	1.4	50	4.1	2.4	6	FDC2KK128612FR6D
600	1400	96	141	50	70	2890	1.5	55	3.9	2.1	6	FDC2KK148614FR6D
600	1500	96	146	50	70	2850	1.6	55	3.8	1.9	6	FDC2KK158614FR6D
600	1600	96	161	50	70	6000	1.0	40	3.5	3.8	6	FDC2KK168616FR6D
600	1800	96	180	50	70	6000	1.0	45	3.2	3.3	6	FDC2KK188618FR6D
600	1200	116	101	50	80	4000	0.7	45	5.4	3.3	5	FDC2KK128910FR6D
600	1600	116	126	50	80	4000	1.0	50	5.0	2.5	5	FDC2KK168912FR6D
600	2000	116	146	50	80	4000	1.1	55	4.9	2.0	5	FDC2KK208914FR6D
600	2100	116	161	50	100	8000	0.8	40	3.6	3.8	5	FDC2KK218916FR6D
600	2400	116	180	50	100	8000	0.9	45	3.4	3.3	5	FDC2KK248918FR6D
600	3000	116	230	50	100	11200	0.8	50	2.7	3.7	5	FDC2KK308923FR6D
600	5600	136	270	50	100	16000	0.8	60	2.0	2.9	2	FDC2KK568027FR6D
700	360	76	101	32	62	1560	1.6	45	5.6	4.3	12	FDC2MK367310FP6D
700	480	76	126	32	59	1530	2.1	50	4.7	3.2	12	FDC2MK487312FP6D
700	580	76	146	32	56	1530	2.4	55	4.6	2.6	12	FDC2MK587314FP6D
700	620	76	161	32	70	3000	1.5	40	4.3	4.8	12	FDC2MK627316FP6D
700	720	76	180	32	70	3200	1.6	45	4.2	4.4	12	FDC2MK727318FP6D
700	480	86	101	32	70	2100	1.3	45	5.1	4.4	8	FDC2MK487510FP6D
700	650	86	126	32	66	2100	1.7	50	4.7	3.2	8	FDC2MK657512FP6D
700	750	86	141	32	61	2100	2.0	55	4.7	2.8	8	FDC2MK757514FP6D
700	780	86	146	32	63	2100	1.9	55	4.6	2.7	8	FDC2MK787514FP6D
700	820	86	161	32	70	4100	1.4	40	4.4	5.0	8	FDC2MK827516FP6D
700	950	86	180	32	70	4100	1.5	45	4.3	4.3	8	FDC2MK957518FP6D
700	1500	86	260	32	70	6500	1.1	55	3.0	4.3	8	FDC2MK158526FP6D
700	650	96	101	50	69	2700	1.4	45	4.7	4.2	6	FDC2MK657610FR6D
700	900	96	126	50	69	2700	1.5	50	4.1	3.0	6	FDC2MK907612FR6D
700	1000	96	141	50	67	2700	1.7	55	3.9	2.7	6	FDC2MK108614FR6D
700	1100	96	146	50	68	2800	1.7	55	3.8	2.5	6	FDC2MK118614FR6D
700	1100	96	161	50	68	5200	1.0	40	3.5	4.7	6	FDC2MK118616FR6D
700	1300	96	180	50	70	5500	1.1	45	3.2	4.2	6	FDC2MK138618FR6D

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)
Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions			Irms	Peak Current	ESR 1KHz	ESL	Thermal Res	dv/dt	Pkg Qty	Part Number
		D	H1	P	10KHz							
		mm	mm	mm	A(50°C)	A	mΩ	nH	°C/W	V/us	pcs	
700	920	116	101	50	80	4000	0.7	45	5.4	4.3	5	FDC2MK927910FR6D
700	1200	116	126	50	80	4000	1.0	50	5.0	3.3	5	FDC2MK128912FR6D
700	1500	116	161	50	80	4000	1.1	55	4.9	2.7	5	FDC2MK158916FR6D
700	1800	116	180	50	100	7800	1.0	40	3.4	4.3	5	FDC2MK188918FR6D
700	2300	116	230	50	100	11500	0.8	50	2.7	5.0	5	FDC2MK238923FR6D
700	4200	136	270	50	100	16000	0.8	60	2.0	3.8	2	FDC2MK428027FR6D
800	290	76	101	32	60	1500	1.7	45	5.6	5.1	12	FDC2NK297310FP6D
800	400	76	126	32	58	1560	2.2	50	4.7	3.9	12	FDC2NK407312FP6D
800	480	76	146	32	55	1560	2.5	55	4.6	3.3	12	FDC2NK487314FP6D
800	480	76	161	32	70	1560	1.6	40	4.3	3.3	12	FDC2NK487316FP6D
800	560	76	180	32	70	3000	1.7	45	4.2	5.4	12	FDC2NK567318FP6D
800	520	86	126	32	64	2000	1.8	50	4.7	3.8	8	FDC2NK527512FP6D
800	580	86	142	32	61	2000	2.0	55	4.6	3.4	8	FDC2NK587514FP6D
800	630	86	146	32	60	2000	2.1	55	4.6	3.2	8	FDC2NK637514FP6D
800	650	86	161	32	70	3000	1.5	40	4.4	4.6	8	FDC2NK657516FP6D
800	750	86	180	32	70	4000	1.6	45	4.3	5.3	8	FDC2NK757518FP6D
800	1100	86	260	32	70	4000	1.2	55	3.0	3.6	8	FDC2NK118526FP6D
800	500	96	101	50	67	2620	1.4	45	4.7	5.2	8	FDC2NK507610FR6D
800	700	96	126	50	67	2700	1.6	50	4.1	3.9	6	FDC2NK707612FR6D
800	800	96	141	50	66	2700	1.8	55	3.9	3.4	6	FDC2NK807614FR6D
800	850	96	146	50	66	2700	1.8	55	3.8	3.2	6	FDC2NK857614FR6D
800	900	96	161	50	70	5400	1.1	40	3.5	6.0	6	FDC2NK907616FR6D
800	1000	96	180	50	70	5300	1.1	45	3.2	5.3	6	FDC2NK108618FR6D
800	720	116	101	50	80	3800	0.8	45	5.4	5.3	5	FDC2NK727910FR6D
800	1000	116	126	50	79	4000	1.1	60	5.0	4.0	5	FDC2NK108912FR6D
800	1200	116	146	50	77	4000	1.2	55	4.9	3.3	5	FDC2NK128914FR6D
800	1200	116	161	50	100	7500	0.9	40	3.6	6.3	5	FDC2NK128916FR6D
800	1500	116	180	50	100	8000	1.0	45	3.4	5.3	5	FDC2NK158918FR6D
800	1800	116	230	50	100	11000	0.8	50	2.7	6.1	5	FDC2NK188923FR6D
800	3200	136	270	50	100	15000	0.8	60	2.0	4.7	2	FDC2NK328027FR6D
900	290	76	101	32	55	1530	2.0	45	5.6	5.3	12	FDC2QK297310FP6D
900	400	76	126	32	53	1560	2.6	50	4.7	3.9	12	FDC2QK407312FP6D
900	480	76	146	32	51	1540	2.9	55	4.6	3.2	12	FDC2QK487314FP6D
900	480	76	161	32	69	2920	1.7	40	4.3	6.1	12	FDC2QK487316FP6D
900	560	76	180	32	68	2960	1.8	45	4.2	5.3	12	FDC2QK567318FP6D
900	380	86	101	32	65	2000	1.6	45	5.1	5.3	8	FDC2QK387510FP6D
900	520	86	126	32	59	2000	2.1	50	4.7	3.8	8	FDC2QK527512FP6D
900	580	86	142	32	58	2000	2.2	55	46	3.4	8	FDC2QK587514FP6D
900	630	86	146	32	55	2030	2.4	55	4.6	3.2	8	FDC2QK637514FP6D
900	650	86	161	32	70	3950	1.5	40	4.4	6.1	8	FDC2QK657516FP6D
900	750	86	180	32	70	3950	1.6	45	43	5.3	8	FDC2QK757518FP6D
900	1100	86	260	32	70	5800	1.3	55	3.0	5.3	8	FDC2QK118526FP6D

FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions			Irms	Peak Current	ESR 1KHz	ESL	Thermal Res	dv/dt	Pkg Qty	Part Number
		D	H1	P	10KHz							
		mm	mm	mm	A(50°C)	A	mΩ	nH	°C/W	V/us	pcs	
900	500	96	101	50	67	2620	1.4	45	4.7	5.2	6	FDC2QK507610FR6D
900	700	96	126	50	67	2700	1.6	50	4.1	3.9	6	FDC2QK707612FR6D
900	800	96	141	50	66	2700	1.8	55	3.9	3.4	6	FDC2QK807614FR6D
900	850	96	146	50	66	2700	1.8	55	3.8	3.2	6	FDC2QK857614FR6D
900	900	96	161	50	70	5400	1.1	45	3.5	6.0	6	FDC2QK907616FR6D
900	1000	96	180	50	70	5230	1.1	45	3.2	5.2	6	FDC2QK108618FR6D
900	720	116	101	50	80	3800	1.1	45	5.4	5.3	5	FDC2QK727910FR6D
900	1200	116	146	50	71	3860	1.4	55	4.9	3.2	5	FDC2QK128914FR6D
900	1200	116	161	50	100	7280	0.9	40	3.6	6.1	5	FDC2QK128916FR6D
900	1500	116	180	50	60	12000	2.0	65	4.8	8.0	5	FDC2QK158918FR6D
900	1800	116	230	50	100	14400	0.8	60	2.4	8.0	5	FDC2QK188923FR6D
900	3200	136	270	50	100	15000	0.8	60	2.0	4.7	2	FDC2QK328027FR6D
1000	220	76	101	32	53	1500	2.2	45	5.6	6.8	12	FDC3KK227310FP6D
1000	300	76	126	32	50	1500	2.9	50	4.7	5.0	12	FDC3KK307312FP6D
1000	360	76	146	32	48	1500	3.3	55	4.6	4.2	12	FDC3KK367314FP6D
1000	360	76	161	32	65	2750	1.9	40	4.3	7.6	12	FDC3KK367316FP6D
1000	420	76	180	32	64	2750	2.0	45	4.2	6.5	12	FDC3KK427318FP6D
1000	290	86	101	32	61	1920	1.8	45	5.1	6.6	8	FDC3KK297510FP6D
1000	400	86	126	32	56	1950	2.3	50	4.7	4.9	8	FDC3KK407512FP6D
1000	470	86	141	32	58	2000	2.2	55	4.6	4.3	8	FDC3KK477514FP6D
1000	480	86	146	32	54	2000	2.6	55	4.6	4.2	8	FDC3KK487514FP6D
1000	500	86	161	32	70	3800	1.6	40	4.4	7.6	8	FDC3KK507516FP6D
1000	560	86	180	32	69	3800	1.7	45	4.3	6.8	8	FDC3KK567518FP6D
1000	900	86	260	32	75	5960	1.3	55	3.0	6.6	8	FDC3KK907526FP6D
1000	380	96	101	50	65	2500	1.5	45	4.7	6.6	6	FDC3KK387610FR6D
1000	500	96	126	50	64	2400	1.8	50	4.1	4.8	6	FDC3KK507612FR6D
1000	600	96	141	50	63	2500	1.9	55	3.9	4.2	6	FDC3KK607614FR6D
1000	650	96	146	50	64	2590	1.9	55	3.8	4.0	6	FDC3KK657614FR6D
1000	650	96	161	50	70	4800	1.1	40	3.5	7.4	6	FDC3KK657616FR6D
1000	780	96	180	50	70	5100	1.1	45	3.2	6.5	6	FDC3KK787618FR6D
1000	540	116	101	50	80	3600	1.0	45	5.4	6.7	5	FDC3KK547910FR6D
1000	740	116	126	50	70	3600	1.4	50	5.0	4.9	5	FDC3KK747912FR6D
1000	900	116	146	50	69	6800	1.5	55	4.9	7.6	5	FDC3KK907914FR6D
1000	1100	116	180	50	92	7280	1.2	45	3.4	6.6	5	FDC3KK118918FR6D
1000	1600	116	230	50	100	8000	1.5	75	2.1	5.0	5	FDC3KK168923FR6D
1000	2500	136	270	50	100	14500	0.9	60	2.0	5.8	2	FDC3KK258027FR6D
1100	170	76	101	32	50	1700	3.2	60	3.8	10.0	12	FDC3MK177310FP6D
1100	250	76	126	32	49	1430	3.0	50	4.7	5.7	12	FDC3MK257312FP6D
1100	300	76	146	32	46	1430	3.5	55	4.6	4.8	12	FDC3MK307314FP6D
1100	310	76	161	32	65	2780	1.9	40	4.3	9.0	12	FDC3MK317316FP6D
1100	360	76	180	32	64	2800	2.0	45	4.2	7.8	12	FDC3MK367318FP6D
1100	240	86	101	32	60	1880	1.9	45	5.1	7.8	8	FDC3MK247510FP6D

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions			Irms	Peak Current	ESR 1KHz	ESL	Thermal Res	dv/dt	Pkg Qty	Part Number
		D	H1	P	10KHz							
		mm	mm	mm	A(50°C)	A	mΩ	nH	°C/W	V/us	pcs	
1100	330	86	126	32	55	1890	2.4	50	4.7	5.7	8	FDC3MK337512FP6D
1100	420	86	142	32	57	2100	2.3	55	4.6	5.0	8	FDC3MK427514FP6D
1100	420	86	161	32	63	3800	1.7	40	4.4	9.0	8	FDC3MK427516FP6D
1100	500	86	180	32	67	3800	1.8	45	4.3	7.6	8	FDC3MK507518FP6D
1100	750	86	260	32	70	5800	1.3	55	3.0	7.7	8	FDC3MK757526FP6D
1100	330	96	101	50	65	2600	1.5	45	4.7	7.9	8	FDC3MK337610FR6D
1100	440	96	126	50	63	2500	1.8	50	4.1	5.7	8	FDC3MK447612FR6D
1100	510	96	141	50	62	2500	2.0	55	3.9	4.9	8	FDC3MK517614FR6D
1100	540	96	146	50	62	2500	2.1	55	3.8	4.6	8	FDC3MK547614FR6D
1100	560	96	161	50	70	5000	1.1	40	3.5	8.9	8	FDC3MK567616FR6D
1100	650	96	180	50	70	5000	1.2	45	3.2	7.7	8	FDC3MK657618FR6D
1100	450	116	101	50	80	3500	1.0	45	5.4	7.8	5	FDC3MK457910FR6D
1100	620	116	126	50	70	3500	1.4	50	5.0	5.6	5	FDC3MK627912FR6D
1100	750	116	146	50	66	3500	1.6	55	4.9	4.7	5	FDC3MK757914FR6D
1100	780	116	161	50	100	7000	0.9	40	3.6	9.0	5	FDC3MK787916FR6D
1100	920	116	180	50	96	7200	1.1	45	3.4	7.8	5	FDC3MK927918FR6D
1100	1200	116	230	50	100	11000	0.9	50	2.7	9.2	5	FDC3MK128923FR6D
1100	2200	136	270	50	100	15000	0.9	60	2.0	6.8	2	FDC3MK228027FR6D
1200	140	76	101	32	48	1350	2.7	45	5.6	6.8	12	FDC3BK147310FP6D
1200	200	76	126	32	47	1400	3.4	50	4.7	7.0	12	FDC3BK207312FP6D
1200	240	76	146	32	44	1400	3.9	55	4.6	5.8	12	FDC3BK247314FP6D
1200	240	76	161	32	63	2600	2.0	40	4.3	10.8	12	FDC3BK247316FP6D
1200	280	76	180	32	62	2700	2.1	45	4.2	9.6	12	FDC3BK287318FP6D
1200	190	86	101	32	57	1800	2.1	45	5.1	9.5	8	FDC3BK197510FP6D
1200	260	86	126	32	52	1800	2.7	50	4.7	6.9	8	FDC3BK267512FP6D
1200	320	86	142	32	55	1900	2.5	55	4.6	5.9	8	FDC3BK327514FP6D
1200	330	86	146	32	50	1900	3.0	55	4.6	5.8	8	FDC3BK337514FP6D
1200	330	86	161	32	66	3600	1.8	40	4.4	10.9	8	FDC3BK337516FP6D
1200	380	86	180	32	65	3600	1.9	45	4.3	9.5	8	FDC3BK387518FP6D
1200	580	86	260	32	75	5500	1.5	55	3.0	9.5	8	FDC3BK587526FP6D
1200	250	96	101	50	61	2300	1.7	45	4.7	9.2	6	FDC3BK257610FR6D
1200	350	96	126	50	61	2400	2.0	50	4.1	6.9	6	FDC3BK357612FR6D
1200	400	96	141	50	59	2400	2.2	55	3.9	6.0	6	FDC3BK407614FR6D
1200	420	96	146	50	59	2400	2.2	55	3.8	5.7	6	FDC3BK427614FR6D
1200	450	96	161	50	70	4800	1.2	40	3.5	10.7	6	FDC3BK457616FR6D
1200	500	96	180	50	70	4600	1.2	45	3.2	9.2	6	FDC3BK507618FR6D
1200	360	116	101	50	76	3400	1.1	45	5.4	7.0	5	FDC3BK367910FR6D
1200	500	116	126	50	66	3500	1.6	50	5.0	7.0	5	FDC3BK507912FR6D
1200	600	116	146	50	62	3500	1.8	55	4.9	5.8	5	FDC3BK607914FR6D
1200	620	116	161	50	98	6800	1.0	40	3.6	11.0	5	FDC3BK627916FR6D
1200	720	116	180	50	92	6800	1.2	45	3.4	9.4	5	FDC3BK727918FR6D
1200	950	116	230	50	100	10000	0.9	50	2.7	10.5	5	FDC3BK957923FR6D

FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions D mm	Dimensions H1 mm	Dimensions P mm	Irms 10KHz A(50°C)	Peak Current A	ESR 1KHz mΩ	ESL nH	Thermal Res °C/W	dv/dt V/us	Pkg Qty pcs	Part Number
1200	1700	136	270	50	100	13900	0.9	60	2.0	8.2	2	FDC3BK178027FR6D
1300	120	76	101	32	46	1300	2.9	45	5.6	10.8	12	FDC3SK127310FP6D
1300	170	76	126	32	44	1350	3.7	50	4.7	7.9	12	FDC3SK177312FP6D
1300	210	76	146	32	43	1400	4.1	55	4.6	6.7	12	FDC3SK217314FP6D
1300	210	76	161	32	62	2650	2.1	40	4.3	12.6	12	FDC3SK217316FP6D
1300	240	76	180	32	60	2600	2.3	45	4.2	10.8	12	FDC3SK247318FP6D
1300	170	86	101	32	55	1850	2.2	45	5.1	10.9	8	FDC3SK177510FP6D
1300	230	86	126	32	51	1850	2.8	50	4.7	8.0	8	FDC3SK237512FP6D
1300	270	86	142	32	52	1800	2.8	55	4.6	6.7	8	FDC3SK277514FP6D
1300	270	86	146	32	48	1800	3.3	55	4.6	6.7	8	FDC3SK277514FP6D
1300	280	86	161	32	66	3500	1.8	40	4.4	12.5	8	FDC3SK287516FP6D
1300	320	86	180	32	65	3500	1.9	45	4.3	10.9	8	FDC3SK327518FP6D
1300	520	86	260	32	70	5600	1.5	55	3.0	10.8	8	FDC3SK527526FP6D
1300	210	96	101	50	60	2300	1.8	45	4.7	11.0	6	FDC3SK217610FR6D
1300	280	96	126	50	58	2300	2.1	50	4.1	8.2	6	FDC3SK287612FR6D
1300	330	96	141	50	57	2300	2.3	55	3.9	7.0	6	FDC3SK337614FR6D
1300	360	96	146	50	58	2400	2.3	55	3.8	6.7	6	FDC3SK367614FR6D
1300	380	96	161	50	70	4700	1.2	40	3.5	12.4	6	FDC3SK387616FR6D
1300	420	96	180	50	70	4500	1.3	45	3.2	10.7	6	FDC3SK427618FR6D
1300	320	116	101	50	73	3500	1.2	45	5.4	10.9	5	FDC3SK327910FR6D
1300	430	116	126	50	66	3400	1.6	50	5.0	7.9	5	FDC3SK437912FR6D
1300	520	116	146	50	62	3400	1.8	55	4.9	6.5	5	FDC3SK527914FR6D
1300	540	116	161	50	98	6800	1.0	40	3.6	12.6	5	FDC3SK547916FR6D
1300	630	116	180	50	92	6800	1.2	45	3.4	10.8	5	FDC3SK637918FR6D
1300	820	116	230	50	100	10000	0.9	50	2.7	12.2	5	FDC3SK827923FR6D
1300	1500	136	270	50	100	14000	1.0	60	2.0	9.3	2	FDC3SK158027FR6D
1400	100	76	101	32	44	1250	3.1	45	5.6	12.5	12	FDC3TK107310FP6D
1400	140	76	126	32	43	1300	4.0	50	4.7	9.3	12	FDC3TK147312FP6D
1400	170	76	146	32	40	1300	4.6	55	4.6	7.6	12	FDC3TK177314FP6D
1400	170	76	161	32	59	2500	2.3	40	4.3	14.7	12	FDC3TK177316FP6D
1400	200	76	180	32	58	2500	2.4	45	4.2	12.5	12	FDC3TK207318FP6D
1400	140	86	101	32	53	1800	2.4	45	5.1	12.9	8	FDC3TK147510FP6D
1400	190	86	126	32	49	1800	3.1	50	4.7	9.5	8	FDC3TK197512FP6D
1400	230	86	142	32	51	1800	2.9	55	4.6	7.8	8	FDC3TK237514FP6D
1400	240	86	161	32	64	3500	1.9	40	4.4	14.6	8	FDC3TK247516FP6D
1400	270	86	180	32	62	3400	2.1	45	4.3	12.6	8	FDC3TK277518FP6D
1400	420	86	260	32	70	5200	1.5	55	3.0	12.4	8	FDC3TK427526FP6D
1400	180	96	101	50	59	2250	1.8	45	4.7	12.5	6	FDC3TK187610FR6D
1400	250	96	126	50	58	2300	2.2	50	4.1	9.2	6	FDC3TK257612FR6D
1400	290	96	141	50	57	2300	2.4	55	3.9	7.9	6	FDC3TK297614FR6D
1400	320	96	161	50	70	4600	1.2	40	3.5	14.4	6	FDC3TK327616FR6D
1400	360	96	180	50	70	4500	1.3	45	3.2	12.5	6	FDC3TK367618FR6D

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions D mm	Dimensions H1 mm	Dimensions P mm	Irms 10KHz A(50°C)	Peak Current A	ESR 1KHz mΩ	ESL nH	Thermal Res °C/W	dv/dt V/us	Pkg Qty pcs	Part Number
1400	260	116	101	50	70	3200	1.3	45	5.4	12.3	5	FDC3TK267910FR6D
1400	360	116	126	50	62	3200	1.8	50	5.0	8.9	5	FDC3TK367912FR6D
1400	450	116	146	50	59	3400	2.0	55	4.9	7.6	5	FDC3TK457914FR6D
1400	460	116	161	50	94	6500	1.1	40	3.6	14.1	5	FDC3TK467916FR6D
1400	540	116	180	50	79	6700	1.3	45	3.4	12.4	5	FDC3TK547918FR6D
1400	700	116	230	50	94	9900	0.9	50	2.7	14.1	5	FDC3TK707923FR6D
1400	1300	136	270	50	100	14000	1.0	60	2.0	10.8	5	FDC3TK138027FR6D
1500	90	76	101	32	43	1200	3.3	45	5.6	13.3	12	FDC3UK906310FP6D
1500	120	76	126	32	41	1200	4.4	50	4.7	10.0	12	FDC3UK127312FP6D
1500	150	76	146	32	39	1200	4.9	55	4.6	8.0	12	FDC3UK157314FP6D
1500	150	76	161	32	58	2300	2.4	40	4.3	15.3	12	FDC3UK157316FP6D
1500	170	76	180	32	57	2300	2.5	45	4.2	13.5	12	FDC3UK177318FP6D
1500	120	86	101	32	51	1600	2.6	45	5.1	13.3	8	FDC3UK127510FP6D
1500	170	86	126	32	47	1600	3.3	50	4.7	9.4	8	FDC3UK177512FP6D
1500	200	86	142	32	50	1700	3.0	55	4.6	8.5	8	FDC3UK207514FP6D
1500	210	86	161	32	63	3300	2.0	40	4.4	15.7	8	FDC3UK217516FP6D
1500	240	86	180	32	62	3300	2.1	45	43	13.8	8	FDC3UK247518FP6D
1500	380	86	260	32	70	5000	1.5	55	3.0	13.2	8	FDC3UK387526FP6D
1500	160	96	101	50	58	2150	1.9	45	4.7	13.4	6	FDC3UK167610FR6D
1500	210	96	126	50	56	2100	2.3	50	4.1	10.0	6	FDC3UK217612FR6D
1500	250	96	141	50	55	2100	2.5	55	3.9	8.4	6	FDC3UK257614FR6D
1500	270	96	161	50	70	4300	1.3	40	3.5	15.9	6	FDC3UK277616FR6D
1500	320	96	180	50	70	4300	1.3	45	3.2	13.4	6	FDC3UK327618FR6D
1500	230	116	101	50	68	3100	1.4	45	5.4	13.5	5	FDC3UK237910FR6D
1500	320	116	126	50	60	3100	1.9	50	5.0	9.7	5	FDC3UK327912FR6D
1500	390	116	146	50	58	3200	2.1	55	4.9	8.2	5	FDC3UK397914FR6D
1500	420	116	161	50	94	6500	1.1	40	3.6	15.5	5	FDC3UK427916FR6D
1500	470	116	180	50	79	6300	1.3	45	3.4	13.4	5	FDC3UK477918FR6D
1500	600	116	230	50	89	9200	1.0	50	2.7	15.3	5	FDC3UK607923FR6D
1500	1100	136	270	50	100	12800	1.1	60	2.0	11.6	2	FDC3UK118027FR6D
2000	110	86	146	32	42	1800	3.5	60	4.5	16.4	8	FDC3DK117514FP6D
2000	200	86	230	32	69	3600	1.8	60	3.2	18.0	8	FDC3DK207523FP6D
2000	200	116	126	50	61	3600	2.1	60	3.5	18.0	5	FDC3DK207912FR6D
2000	220	116	146	50	60	3600	2.3	65	3.3	16.4	5	FDC3DK227914FR6D
2000	280	116	180	50	93	7400	1.1	55	2.9	26.4	5	FDC3DK287918FR6D
2000	400	116	230	50	93	7400	1.3	60	2.4	18.5	5	FDC3DK407923FR6D
2000	250	136	126	50	67	5000	1.8	60	2.9	20.0	2	FDC3DK257012FR6D
2000	320	136	146	50	66	5000	2.0	65	2.7	15.6	2	FDC3DK327014FR6D
2000	360	136	180	50	99	10000	1.0	55	2.4	27.8	2	FDC3DK367018FR6D
2000	500	136	230	50	98	10000	12	60	2.1	20.0	2	FDC3DK507023FR6D
2000	620	136	270	50	98	10000	1.3	60	1.9	16.1	2	FDC3DK627027FR6D
2200	100	86	146	32	41	1800	3.7	65	4.5	18.0	8	FDC3CK107514FP6D

FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions			Irms	Peak Current	ESR 1KHz	ESL	Thermal Res	dv/dt	Pkg Qty	Part Number
		D	H1	P	10KHz							
		mm	mm	mm	A(50°C)	A	mΩ	nH	°C/W	V/us	pcs	
2200	150	86	230	32	68	3600	1.9	60	3.2	24.0	8	FDC3CK157523FP6D
2200	150	116	126	50	59	3400	2.2	60	3.5	22.7	5	FDC3CK157912FR6D
2200	180	116	146	50	58	3400	2.5	65	3.3	18.9	5	FDC3CK187914FR6D
2200	220	116	180	50	91	7200	1.1	55	2.9	32.7	5	FDC3CK227918FR6D
2200	300	116	230	50	91	7100	1.4	60	2.4	23.7	5	FDC3CK307923FR6D
2200	220	136	126	50	66	4800	1.9	60	2.9	21.8	2	FDC3CK227012FR6D
2200	250	136	146	50	65	5000	2.1	65	2.7	20.0	2	FDC3CK257014FR6D
2200	300	136	180	50	97	9800	1.0	55	2.4	32.7	2	FDC3CK307018FR6D
2200	420	136	230	50	96	9800	1.2	60	2.1	23.3	2	FDC3CK427023FR6D
2200	500	136	270	50	97	10000	1.4	60	1.9	20.0	2	FDC3CK507027FR6D
2400	75	86	146	32	40	1800	3.9	65	4.5	24.0	8	FDC4AK756514FP6D
2400	120	86	230	32	65	3500	2.0	60	3.2	29.2	8	FDC4AK127523FP6D
2400	120	116	126	50	58	3500	2.3	60	3.5	29.2	5	FDC4AK127912FR6D
2400	140	116	146	50	56	3300	2.6	65	3.3	23.6	5	FDC4AK147914FR6D
2400	170	116	180	50	89	6800	1.2	55	2.9	40.0	5	FDC4AK177918FR6D
2400	240	116	230	50	89	6900	1.4	60	2.4	28.8	5	FDC4AK247923FR6D
2400	160	136	126	50	63	4600	2.0	60	2.9	28.8	2	FDC4AK167012FR6D
2400	200	136	146	50	63	4700	2.2	65	2.7	23.5	2	FDC4AK207014FR6D
2400	240	136	180	50	95	9600	1.1	55	2.4	40.0	2	FDC4AK247018FR6D
2400	330	136	230	50	94	9600	1.3	60	2.1	29.1	2	FDC4AK337023FR6D
2400	410	136	270	50	95	9600	1.4	60	1.9	23.4	2	FDC4AK417027FR6D
2600	63	86	146	32	38	1700	4.1	65	4.5	27.0	8	FDC4BK636514FP6D
2600	100	86	230	32	63	3400	2.1	60	3.2	34.0	8	FDC4BK107523FP6D
2600	100	116	126	50	57	3400	2.4	60	3.6	34.0	5	FDC4BK107912FR6D
2600	120	116	146	50	55	3300	2.7	65	3.3	27.5	5	FDC4BK127914FR6D
2600	140	116	180	50	87	6600	12	55	2.9	47.1	5	FDC4BK147918FR6D
2600	200	116	230	50	87	6700	1.5	60	2.5	33.5	5	FDC4BK207923FR6D
2600	140	136	126	50	63	4700	2.0	60	3.0	33.6	2	FDC4BK147012FR6D
2600	170	136	146	50	62	4700	2.3	65	2.8	27.6	2	FDC4BK177014FR6D
2600	200	136	180	50	94	9400	1.1	55	2.5	47.0	2	FDC4BK207018FR6D
2600	280	136	230	50	93	9600	1.3	60	2.1	34.3	2	FDC4BK287023FR6D
2600	340	136	270	50	92	9400	1.5	60	1.9	27.6	2	FDC4BK347027FR6D
2800	54	86	146	32	37	1700	4.3	65	4.5	31.5	8	FDC4CK546514FP6D
2800	88	86	230	32	62	3400	2.2	60	3.2	38.6	8	FDC4CK886523FP6D
2800	88	116	126	50	56	3300	2.5	60	3.6	37.5	5	FDC4CK886912FR6D
2800	100	116	146	50	53	3200	2.9	65	3.4	32.0	5	FDC4CK107914FR6D
2800	120	116	180	50	85	6500	1.3	55	2.9	54.2	5	FDC4CK127918FR6D
2800	180	116	230	50	85	6600	1.5	60	2.5	36.7	5	FDC4CK187923FR6D
2800	120	136	126	50	62	4700	2.1	60	3.0	39.2	2	FDC4CK127012FR6D
2800	140	136	146	50	59	4400	2.4	65	2.8	31.4	2	FDC4CK147014FR6D
2800	170	136	180	50	92	9200	1.1	55	2.5	54.1	2	FDC4CK177018FR6D
2800	240	136	230	50	92	9300	1.3	60	2.1	38.8	2	FDC4CK247023FR6D

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions			Irms	Peak Current	ESR 1KHz	ESL	Thermal Res	dv/dt	Pkg Qty	Part Number
		D	H1	P	10KHz							
		mm	mm	mm	A(50°C)	A	mΩ	nH	°C/W	V/us	pcs	
2800	290	136	270	50	91	9200	1.5	60	1.9	31.7	2	FDC4CK297027FR6D
3000	46	86	146	32	36	1600	4.6	65	4.6	34.8	8	FDC3FK466514FP6D
3000	75	86	230	32	61	3100	2.3	60	3.2	41.3	8	FDC3FK756523FP6D
3000	75	116	126	50	54	3100	2.6	60	3.6	41.3	5	FDC3FK756912FR6D
3000	90	116	146	50	53	3100	2.9	65	3.3	34.4	5	FDC3FK906914FR6D
3000	100	116	180	50	83	5800	1.3	55	3.0	58.0	5	FDC3FK107918FR6D
3000	140	116	230	50	82	5800	1.6	60	2.5	41.4	5	FDC3FK147923FR6D
3000	100	136	126	50	60	4200	2.2	60	3.0	42.0	2	FDC3FK107012FR6D
3000	120	136	146	50	58	4100	2.5	65	2.8	34.2	2	FDC3FK127014FR6D
3000	140	136	180	50	89	8200	1.2	55	2.5	58.6	2	FDC3FK147018FR6D
3000	200	136	230	50	89	8400	1.4	60	2.2	42.0	2	FDC3FK207023FR6D
3000	250	136	270	50	89	8600	1.6	60	1.9	34.4	2	FDC3FK257027FR6D
3200	40	86	146	32	35	1500	4.9	65	4.6	37.5	8	FDC4DK406514FP6D
3200	65	86	230	32	59	2900	2.4	60	3.2	44.6	8	FDC4DK656523FP6D
3200	65	116	126	50	53	2900	2.7	60	3.6	44.6	5	FDC4DK656912FR6D
3200	80	116	146	50	52	2900	3.1	65	3.4	36.3	5	FDC4DK806914FR6D
3200	92	116	180	50	83	5700	1.3	55	3.0	62.0	5	FDC4DK926918FR6D
3200	120	116	230	50	80	5400	1.7	60	2.5	45.0	5	FDC4DK127923FR6D
3200	90	136	126	50	59	4000	2.2	60	3.0	44.4	2	FDC4DK906012FR6D
3200	110	136	146	50	58	4000	2.5	65	2.8	36.4	2	FDC4DK117014FR6D
3200	120	136	180	50	87	7500	1.2	55	2.6	62.5	2	FDC4DK127018FR6D
3200	180	136	230	50	89	8100	1.4	60	2.2	45.0	2	FDC4DK187023FR6D
3200	220	136	270	50	88	8100	1.6	60	1.9	36.8	2	FDC4DK227027FR6D
3600	32	86	146	32	38	1600	4.0	65	4.6	50.0	8	FDC4EK326514FP6D
3600	45	86	230	32	64	3300	2.0	60	3.3	73.3	8	FDC4EK456523FP6D
3600	44	116	126	50	57	3200	2.3	60	3.7	72.7	5	FDC4EK446912FR6D
3600	54	116	146	50	55	3200	2.7	65	3.4	59.3	5	FDC4EK546914FR6D
3600	88	116	230	50	87	6400	1.4	60	2.5	72.7	5	FDC4EK886923FR6D
3600	110	116	270	50	85	6500	1.6	60	2.3	59.1	5	FDC4EK117927FR6D
3600	61	136	126	50	63	4500	2.0	60	3.0	73.8	2	FDC4EK616012FR6D
3600	75	136	146	50	61	4400	2.3	65	2.8	58.7	2	FDC4EK756014FR6D
3600	120	136	230	50	92	8800	1.3	60	2.2	73.3	2	FDC4EK127023FR6D
3600	150	136	270	50	92	8800	1.5	60	2.0	58.7	2	FDC4EK157027FR6D
4000	24	86	146	32	37	1650	4.2	65	4.6	68.8	8	FDC3GK246514FP6D
4000	38	86	230	32	62	3200	2.1	60	3.3	84.2	8	FDC3GK386523FP6D
4000	37	116	126	50	55	3100	2.4	60	3.7	83.8	5	FDC3GK376912FR6D
4000	46	116	146	50	54	3100	2.8	65	3.4	67.4	5	FDC3GK466914FR6D
4000	74	116	230	50	85	6300	1.5	60	2.5	85.1	5	FDC3GK746923FR6D
4000	92	116	270	50	83	6300	1.7	60	2.3	68.5	5	FDC3GK926927FR6D
4000	52	136	126	50	62	4400	2.1	60	3.0	84.6	2	FDC3GK526012FR6D
4000	64	136	146	50	60	4400	2.3	65	2.8	68.8	2	FDC3GK646014FR6D
4000	100	136	230	50	90	8500	1.3	60	2.2	85.0	2	FDC3GK107023FR6D

FDC Series - 600 ~ 4000VDC (Cylindrical Aluminum Can Dry Type)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions			Irms	Peak Current	ESR 1KHz	ESL	Thermal Res	dv/dt	Pkg Qty	Part Number
		D	H1	P	10KHz							
		mm	mm	mm	A(50°C)	A	mΩ	nH	°C/W	V/us	pcs	
4000	130	136	270	50	91	8900	1.5	60	2.0	68.5	2	FDC3GK137027FR6D

Note:
Part Number 13th digit (Terminal code) : F means Female terminals (M6), M means Male terminals (M8)
料号第13码 (引出端代码): F代表螺孔式(M6), M代表螺栓式(M8)

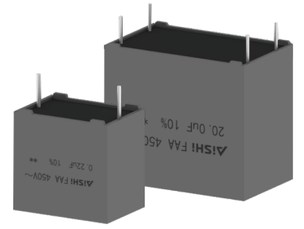
FAA Series - 180Vac ~ 760Vac

Overview

The FAA capacitor is constructed of metallized polypropylene film encapsulated with epoxy resin in a plastic box, with 2 or 4 tinned copper wire.

概述

FAA 结构为金属化聚丙烯薄膜，环氧树脂封装，塑料壳，及2或4根镀锡铜线所构成。



Applications

Widely used in Clamping, AC and Harmonic Filtering, UPS Systems, Solar Inverter with LCL Filter and Motor Drive.

应用

广泛应用于箝位电路，交流及谐波滤波，不断电系统，光伏逆变器，LCL滤波器及马达驱动。

Features

- High ripple current
- Self-healing and low loss
- Optimized AC voltage performance
- Suitable for high frequency applications

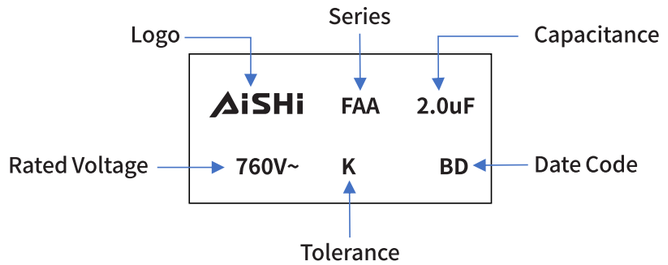
特点

- 高纹波电流
- 良好的自愈性及低损耗
- 良好的交流电压性能
- 适用于高频应用

Approvals 认证

Marking	Specification	File Number
c UL us	UL 810	E500537

Marking标识



FAA Series - 180Vac ~ 760Vac

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	AA	76	K	205	K42	2KL	5
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	AC Filtering, Metallized PP Film	180=18 250=25 275=27 350=35 400=40 450=45 500=50 600=60 700=70 760=76	J = ±5% K = ±10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Code Table

Terminal Code
引出端代码

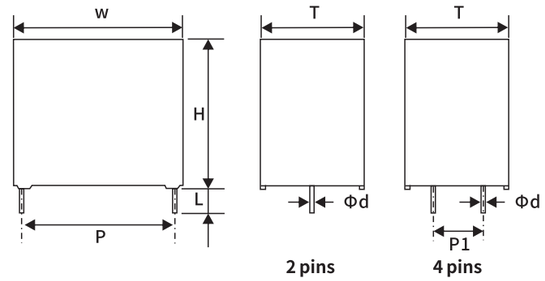
Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	27.5mm	G	10.2mm	B
2 leads for straight cut	2	37.5mm	K	12.7mm	G
2 leads for forming cut	E	52.5mm	M	20.3mm	D
4 leads for straight cut	4	N/A	N	N/A	L
6 leads for straight cut	6				

Lead Length Code
引出端长度代码

Lead Length	
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
20.0mm min	L

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FAA Series - 180Vac ~ 760Vac

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch				Ød		
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	P1	Tolerance	4 Leads	2 Leads	Tolerance
G15	32	0.8	18	0.8	9	0.8	27.5	0.5	/	/	/	0.8	0.05
G18	32	0.8	20	0.8	11	0.8	27.5	0.5	/	/	/	0.8	0.05
G21	32	0.8	22	0.8	13	0.8	27.5	0.5	/	/	/	0.8	0.05
G25	32	0.8	24	0.8	14	0.8	27.5	0.5	/	/	/	0.8	0.05
G26	32	0.8	28	0.8	14	0.8	27.5	0.5	/	/	/	0.8	0.05
G27	32	0.8	24.5	0.8	15	0.8	27.5	0.5	/	/	/	0.8	0.05
G33	32	0.8	28	0.8	18	0.8	27.5	0.5	/	/	/	0.8	0.05
G34	32	0.8	33	0.8	18	0.8	27.5	0.5	/	/	/	0.8	0.05
G40	32	0.8	37	0.8	22	0.8	27.5	0.5	10.2	0.5	1.0	0.8	0.05
K14	42	0.8	30	0.8	16	0.8	37.5	0.5	/	/	/	1.0	0.05
K21	42	0.8	32	0.8	19	0.8	37.5	0.5	/	/	/	1.0	0.05
K27	42	0.8	37	0.8	22	0.8	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K32	42	0.8	44	0.8	24	0.8	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K39	42	0.8	43	0.8	28	0.8	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K42	42	0.8	45	0.8	30	0.8	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K47	42	0.8	50	0.8	35	0.8	37.5	0.5	20.3	0.5	1.2	1.0	0.05
M16	57.5	1.0	45	1.0	30	1.0	52.5	0.5	20.3	0.5	1.2	1.2	0.05
M20	57.5	1.0	50	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	1.2	0.05
M32	57.5	1.0	55	1.0	45	1.0	52.5	0.5	20.3	0.5	1.2	1.2	0.05
M34	57.5	1.0	65	1.0	45	1.0	52.5	0.5	20.3	0.5	1.2	1.2	0.05
M47	57.5	1.0	57.5	1.0	38	1.0	52.5	0.5	20.3	0.5	1.2	1.2	0.05

FAA Series - 180Vac ~ 760Vac

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
300	1.0	32	20	11	27.5	/	4.0	90	270	12.5	16	75.0	90	0.8	FAA30K105G182GL5
300	1.5	32	22	13	27.5	/	5.0	135	405	8.5	16	70.6	90	0.8	FAA30K155G212GL5
300	2.0	32	24.5	15	27.5	/	6.0	180	540	7.5	16	55.6	90	0.8	FAA30K205G272GL5
300	2.2	32	24.5	15	27.5	/	7.0	198	594	6.8	16	45.0	90	0.8	FAA30K225G272GL5
300	2.5	32	28	14	27.5	/	8.0	225	675	6.5	18	36.1	90	0.8	FAA30K255G262GL5
300	3.0	32	28	18	27.5	/	9.0	270	810	6.0	20	30.9	90	0.8	FAA30K305G332GL5
300	3.3	32	33	18	27.5	/	10.0	297	891	4.8	20	313	90	0.8	FAA30K335G342GL5
300	3.5	32	33	18	27.5	/	10.5	315	945	4.6	20	29.6	90	0.8	FAA30K355G342GL5
300	4.0	32	33	18	27.5	/	11.0	360	1080	4.2	20	29.5	90	0.8	FAA30K405G342GL5
300	4.7	32	37	22	27.5	/	13.0	423	1269	3.8	22	23.4	90	1.0	FAA30K475G402GL5
300	5.0	32	37	22	27.5	/	13.5	450	1350	3.6	22	22.9	90	1.0	FAA30K505G402GL5
300	5.6	32	37	22	27.5	/	14.0	504	1512	3.0	22	25.5	90	1.0	FAA30K565G402GL5
300	3.0	42	30	16	37.5	/	6.0	180	540	9.0	24	46.3	60	1.0	FAA30K305K142KL5
300	3.3	42	30	16	37.5	/	7.0	198	594	8.5	24	36.0	60	1.0	FAA30K335K142KL5
300	3.5	42	30	16	37.5	/	7.0	210	630	8.0	24	38.3	60	1.0	FAA30K355K142KL5
300	4.0	42	30	16	37.5	/	8.0	240	720	6.8	24	34.5	60	1.0	FAA30K405K142KL5
300	4.5	42	30	16	37.5	/	9.0	270	810	6.0	24	30.9	60	1.0	FAA30K455K142KL5
300	4.7	42	30	16	37.5	/	9.0	282	846	5.8	24	31.9	60	1.0	FAA30K475K142KL5
300	5.0	42	32	19	37.5	/	10.0	300	900	5.5	24	27.3	60	1.0	FAA30K505K212KL5
300	6.0	42	32	19	37.5	/	11.0	360	1080	5.0	24	24.8	60	1.0	FAA30K605K212KL5
300	6.8	42	37	22	37.5	/	12.0	408	1224	4.5	24	23.1	60	1.0	FAA30K685K274KL5
300	8.0	42	37	22	37.5	/	13.0	480	1440	3.6	24	24.7	60	1.0	FAA30K805K274KL5
300	10	42	44	24	37.5	/	14.0	600	1800	3.0	24	25.5	60	1.0	FAA30K106K324KL5
300	12	42	43	28	37.5	/	15.0	720	2160	2.4	26	27.8	60	1.0	FAA30K126K392KL5
300	15	42	45	30	37.5	/	15.0	900	2700	2.2	26	30.3	60	1.0	FAA30K156K422KL5
300	18	42	50	35	37.5	20.3	18.0	1080	3240	2.0	28	23.1	60	1.2	FAA30K186K474KD5
300	18	57.5	45	30	52.5	20.3	16.0	540	1620	3.5	30	16.7	30	1.2	FAA30K186M164MD5
300	20	57.5	45	30	52.5	20.3	18.0	600	1800	3.2	30	14.5	30	1.2	FAA30K206M164MD5
300	25	57.5	50	35	52.5	20.3	20.0	750	2250	3.0	32	12.5	30	1.2	FAA30K256M204MD5
300	30	57.5	57.5	38	52.5	20.3	24.0	900	2700	2.4	32	10.9	30	1.2	FAA30K306M474MD5
350	0.33	32	18	9	27.5	/	1.5	33	99	45.0	16	148.1	100	0.8	FAA35K334G152GL5
350	0.39	32	18	9	27.5	/	1.6	39	117	40.0	16	146.5	100	0.8	FAA35K394G152GL5
350	0.47	32	18	9	27.5	/	2.0	47	141	35.0	16	107.1	100	0.8	FAA35K474G152GL5
350	0.68	32	20	11	27.5	/	2.5	68	204	24.0	16	100.0	100	0.8	FAA35K684G182GL5
350	0.82	32	22	13	27.5	/	3.0	82	246	20.5	16	81.3	100	0.8	FAA35K824G212GL5
350	1.0	32	22	13	27.5	/	3.2	100	300	15.5	16	94.5	100	0.8	FAA35K105G212GL5
350	1.5	32	24.5	15	27.5	/	4.0	150	450	13.0	16	72.1	100	0.8	FAA35K155G272GL5
350	2.0	32	28	18	27.5	/	4.8	200	600	10.8	18	60.3	100	0.8	FAA35K205G332GL5
350	2.2	32	28	18	27.5	/	5.0	220	660	10.2	18	58.8	100	0.8	FAA35K225G332GL5
350	2.5	32	33	18	27.5	/	6.0	250	750	7.0	20	59.5	100	0.8	FAA35K255G342GL5
350	3.0	32	37	22	27.5	/	7.0	300	900	5.8	22	52.8	100	1.0	FAA35K305G402GL5
350	3.3	32	37	22	27.5	/	7.5	330	990	5.2	22	51.3	100	1.0	FAA35K335G402GL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FAA Series - 180Vac ~ 760Vac
Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
350	3.5	32	37	22	27.5	/	7.8	350	1050	5.0	22	49.3	100	1.0	FAA35K355G402GL5
350	4.0	32	37	22	27.5	/	8.0	400	1200	4.5	22	52.1	100	1.0	FAA35K405G402GL5
350	2.0	42	30	16	37.5	/	4.5	140	420	12.8	24	57.9	70	1.0	FAA35K205K142KL5
350	2.2	42	30	16	37.5	/	4.8	154	462	12.5	24	52.1	70	1.0	FAA35K225K142KL5
350	2.5	42	30	16	37.5	/	5.2	175	525	11.8	24	47.0	70	1.0	FAA35K255K142KL5
350	3.0	42	30	16	37.5	/	5.5	210	630	10.8	24	45.9	70	1.0	FAA35K305K142KL5
350	3.3	42	30	16	37.5	/	6.0	231	693	8.8	24	473	70	1.0	FAA35K335K142KL5
350	3.5	42	30	16	37.5	/	6.5	245	735	8.6	24	41.3	70	1.0	FAA35K355K142KL5
350	4.0	42	32	19	37.5	/	7.0	280	840	8.0	24	38.3	70	1.0	FAA35K405K212KL5
350	4.5	42	37	22	37.5	/	8.0	315	945	7.0	24	33.5	70	1.0	FAA35K455K274KL5
350	5.0	42	37	22	37.5	/	8.5	350	1050	6.8	24	30.5	70	1.0	FAA35K505K274KL5
350	5.5	42	37	22	37.5	/	8.8	385	1155	6.4	24	30.3	70	1.0	FAA35K555K274KL5
350	6.0	42	44	24	37.5	/	9.5	420	1260	6.0	24	27.7	70	1.0	FAA35K605K324KL5
350	6.5	42	44	24	37.5	/	10.0	455	1365	5.5	24	27.3	70	1.0	FAA35K655K324KL5
350	7.0	42	44	24	37.5	/	10.5	490	1470	5.2	24	26.2	70	1.0	FAA35K705K324KL5
350	8.0	42	44	24	37.5	/	10.5	560	1680	5.2	24	26.2	70	1.0	FAA35K805K324KL5
350	8.5	42	43	28	37.5	/	11.0	595	1785	4.8	26	25.8	70	1.0	FAA35K855K392KL5
350	9.0	42	43	28	37.5	/	11.0	630	1890	4.6	26	26.9	70	1.0	FAA35K905K392KL5
350	9.5	42	45	30	37.5	/	11.5	665	1995	4.4	26	25.8	70	1.0	FAA35K955K422KL5
350	10	42	45	30	37.5	/	12.0	700	2100	4.2	26	24.8	70	1.0	FAA35K106K422KL5
350	12	42	50	35	37.5	20.3	14.0	840	2520	3.6	28	21.3	70	12	FAA35K126K474KD5
350	15	57.5	45	30	52.5	20.3	16.5	600	1800	3.5	30	15.7	40	1.2	FAA35K156M164MD5
350	18	57.5	50	35	52.5	203	18.0	720	2160	3.0	32	15.4	40	1.2	FAA35K186M204MD5
350	20	57.5	57.5	38	52.5	20.3	20.0	800	2400	2.8	32	13.4	40	1.2	FAA35K206M474MD5
350	22	57.5	57.5	38	52.5	20.3	22.0	880	2640	2.6	32	11.9	40	1.2	FAA35K226M474MD5
350	25	57.5	55	45	52.5	20.3	24.0	1000	3000	2.4	32	10.9	40	1.2	FAA35K256M324MD5
350	30	57.5	65	45	52.5	20.3	26.0	1200	3600	2.2	32	10.1	40	1.2	FAA35K306M344MD5
400	0.33	32	18	9	27.5	/	1.5	40	119	45.0	16	148.1	120	0.8	FAA40K334G152GL5
400	0.39	32	18	9	27.5	/	1.6	47	140	40.0	16	146.5	120	0.8	FAA40K394G152GL5
400	0.47	32	18	9	27.5	/	2.0	56	169	35.0	16	107.1	120	0.8	FAA40K474G152GL5
400	0.68	32	20	11	27.5	/	2.5	82	245	24.0	16	100.0	120	0.8	FAA40K684G182GL5
400	0.82	32	22	13	27.5	/	3.0	98	295	20.5	16	81.3	120	0.8	FAA40K824G212GL5
400	1.0	32	24	14	27.5	/	3.2	120	360	15.5	16	94.5	120	0.8	FAA40K105G252GL5
400	1.5	32	28	18	27.5	/	4.8	180	540	10.8	18	60.3	120	0.8	FAA40K155G332GL5
400	2.0	32	33	18	27.5	/	6.0	240	720	7.0	20	59.5	120	0.8	FAA40K205G342GL5
400	2.2	32	33	18	27.5	/	6.0	264	792	7.0	20	59.5	120	0.8	FAA40K225G342GL5
400	2.5	32	37	22	27.5	/	7.0	300	900	5.8	22	52.8	120	1.0	FAA40K255G402GL5
400	3.0	32	37	22	27.5	/	7.5	360	1080	5.2	22	51.3	120	1.0	FAA40K305G402GL5
400	2.0	42	30	16	37.5	/	4.5	160	480	12.8	24	57.9	80	1.0	FAA40K205K142KL5
400	2.2	42	30	16	37.5	/	4.8	176	528	12.5	24	52.1	80	1.0	FAA40K225K142KL5
400	2.5	42	30	16	37.5	/	5.2	200	600	11.8	24	47.0	80	1.0	FAA40K255K142KL5
400	3.0	42	32	19	37.5	/	6.0	240	720	8.8	24	47.3	80	1.0	FAA40K305K212KL5

FAA Series - 180Vac ~ 760Vac

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
400	3.3	42	32	19	37.5	/	6.5	264	792	8.6	24	41.3	80	1.0	FAA40K335K212KL5
400	3.5	42	37	22	37.5	/	7.0	280	840	8.0	24	38.3	80	1.0	FAA40K355K274KL5
400	4.0	42	37	22	37.5	/	8.0	320	960	7.0	24	33.5	80	1.0	FAA40K405K274KL5
400	4.5	42	37	22	37.5	/	8.5	360	1080	6.8	24	30.5	80	1.0	FAA40K455K274KL5
400	5.0	42	44	24	37.5	/	9.5	400	1200	6.0	24	27.7	80	1.0	FAA40K505K324KL5
400	5.5	42	44	24	37.5	/	10.0	440	1320	5.5	24	27.3	80	1.0	FAA40K555K324KL5
400	6.0	42	43	28	37.5	/	10.5	480	1440	4.8	26	28.3	80	1.0	FAA40K605K392KL5
400	6.5	42	43	28	37.5	/	10.5	520	1560	4.6	26	29.6	80	1.0	FAA40K655K392KL5
400	7.0	42	43	28	37.5	/	11.0	560	1680	4.4	26	28.2	80	1.0	FAA40K705K392KL5
400	7.5	42	45	30	37.5	/	11.0	600	1800	4.4	26	28.2	80	1.0	FAA40K755K422KL5
400	8.0	42	45	30	37.5	/	11.5	640	1920	4.2	26	27.0	80	1.0	FAA40K805K422KL5
400	9.0	42	50	35	37.5	20.3	12.5	720	2160	4.0	28	24.0	80	1.2	FAA40K905K474KD5
400	10	42	50	35	37.5	20.3	14.0	800	2400	3.6	28	21.3	80	1.2	FAA40K106K474KD5
400	10	57.5	45	30	52.5	20.3	12.5	500	1500	4.2	30	22.9	50	1.2	FAA40K106M164MD5
400	12	57.5	50	35	52.5	20.3	14.0	600	1800	3.8	32	20.1	50	1.2	FAA40K126M204MD5
400	14	57.5	50	35	52.5	20.3	16.0	700	2100	3.6	32	16.3	50	1.2	FAA40K146M204MD5
400	18	57.5	57.5	38	52.5	20.3	20.0	900	2700	3.0	32	12.5	50	1.2	FAA40K186M474MD5
400	20	57.5	55	45	52.5	20.3	22.0	1000	3000	2.8	32	11.1	50	1.2	FAA40K206M324MD5
400	22	57.5	65	45	52.5	20.3	24.0	1100	3300	2.5	32	10.4	50	1.2	FAA40K226M344MD5
400	25	57.5	65	45	52.5	20.3	26.0	1250	3750	2.2	32	10.1	50	1.2	FAA40K256M344MD5
500	0.22	32	18	9	27.5	/	1.5	31	92	45.0	16	148.1	140	0.8	FAA50K224G152GL5
500	0.27	32	18	9	27.5	/	1.6	38	113	40.0	16	146.5	140	0.8	FAA50K274G152GL5
500	0.33	32	20	11	27.5	/	2.5	46	139	24.0	16	100.0	140	0.8	FAA50K334G182GL5
500	0.39	32	20	11	27.5	/	2.5	55	164	24.0	16	100.0	140	0.8	FAA50K394G182GL5
500	0.47	32	22	13	27.5	/	2.8	66	197	21.5	16	89.0	140	0.8	FAA50K474G212GL5
500	0.56	32	22	13	27.5	/	3.0	78	235	20.5	16	81.3	140	0.8	FAA50K564G212GL5
500	0.68	32	24.5	15	27.5	/	3.5	95	286	15.5	16	79.0	140	0.8	FAA50K684G272GL5
500	0.82	32	28	18	27.5	/	4.8	115	344	12.5	18	52.1	140	0.8	FAA50K824G332GL5
500	1.0	32	33	18	27.5	/	6.0	140	420	9.0	20	46.3	140	0.8	FAA50K105G342GL5
500	1.2	32	33	18	27.5	/	6.0	168	504	9.0	20	46.3	140	0.8	FAA50K125G342GL5
500	1.5	32	37	22	27.5	/	7.0	210	630	8.5	22	36.0	140	1.0	FAA50K155G402GL5
500	1.8	32	37	22	27.5	/	7.5	252	756	7.8	22	34.2	140	1.0	FAA50K185G402GL5
500	1.0	42	30	16	37.5	/	4.5	90	270	12.8	24	57.9	90	1.0	FAA50K105K142KL5
500	1.2	42	30	16	37.5	/	4.8	108	324	12.5	24	52.1	90	1.0	FAA50K125K142KL5
500	1.5	42	30	16	37.5	/	5.2	135	405	11.8	24	47.0	90	1.0	FAA50K155K142KL5
500	1.8	42	32	19	37.5	/	6.0	162	486	9.0	24	46.3	90	1.0	FAA50K185K212KL5
500	2.0	42	32	19	37.5	/	6.5	180	540	8.6	24	41.3	90	1.0	FAA50K205K212KL5
500	2.5	42	37	22	37.5	/	7.0	225	675	8.0	24	38.3	90	1.0	FAA50K255K274KL5
500	2.8	42	37	22	37.5	/	8.0	252	756	7.0	24	33.5	90	1.0	FAA50K285K274KL5
500	3.0	42	37	22	37.5	/	8.5	270	810	6.8	24	30.5	90	1.0	FAA50K305K274KL5
500	3.5	42	44	24	37.5	/	9.5	315	945	6.0	24	27.7	90	1.0	FAA50K355K324KL5
500	4.0	42	43	28	37.5	/	10.5	360	1080	4.8	26	28.3	90	1.0	FAA50K405K392KL5

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Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
500	4.5	42	43	28	37.5	/	10.5	405	1215	4.8	26	28.3	90	1.0	FAA50K455K392KL5
500	5.0	42	45	30	37.5	/	11.0	450	1350	4.5	26	27.5	90	1.0	FAA50K505K422KL5
500	5.5	42	50	35	37.5	20.3	12.5	495	1485	4.2	28	22.9	90	1.2	FAA50K555K474KD5
500	6.0	42	50	35	37.5	20.3	14.0	540	1620	3.8	28	20.1	90	1.2	FAA50K605K474KD5
500	7.0	57.5	45	30	52.5	20.3	12.5	420	1260	4.2	30	22.9	60	1.2	FAA50K705M164MD5
500	8.0	57.5	50	35	52.5	20.3	14.0	480	1440	3.8	32	20.1	60	1.2	FAA50K805M204MD5
500	9.0	57.5	50	35	52.5	20.3	16.0	540	1620	3.6	32	16.3	60	1.2	FAA50K905M204MD5
500	10	57.5	57.5	38	52.5	20.3	18.0	600	1800	3.4	32	13.6	60	1.2	FAA50K106M474MD5
500	12	57.5	57.5	38	52.5	20.3	20.0	720	2160	3.2	32	11.7	60	1.2	FAA50K126M474MD5
500	15	57.5	65	45	52.5	20.3	22.0	900	2700	3.0	32	10.3	60	1.2	FAA50K156M344MD5
600	0.15	32	18	9	27.5	/	1.5	24	72	45.0	16	148.1	160	0.8	FAA60K154G152GL5
600	0.22	32	20	11	27.5	/	2.5	35	106	24.0	16	100.0	160	0.8	FAA60K224G182GL5
600	0.33	32	22	13	27.5	/	2.8	53	158	21.5	16	89.0	160	0.8	FAA60K334G212GL5
600	0.47	32	24.5	15	27.5	/	3.2	75	226	15.5	16	94.5	160	0.8	FAA60K474G272GL5
600	0.56	32	28	14	27.5	/	4.0	90	269	12.5	18	75.0	160	0.8	FAA60K564G262GL5
600	0.68	32	28	18	27.5	/	4.8	109	326	10.8	18	60.3	160	0.8	FAA60K684G332GL5
600	0.82	32	33	18	27.5	/	6.0	131	394	7.0	20	59.5	160	0.8	FAA60K824G342GL5
600	1.0	32	33	18	27.5	/	6.0	160	480	7.0	20	59.5	160	0.8	FAA60K105G342GL5
600	1.2	32	37	22	27.5	/	7.0	192	576	5.8	22	52.8	160	1.0	FAA60K125G402GL5
600	1.0	42	30	16	37.5	/	4.5	100	300	12.8	24	57.9	100	1.0	FAA60K105K142KL5
600	1.2	42	32	19	37.5	/	6.0	120	360	8.8	24	47.3	100	1.0	FAA60K125K212KL5
600	1.5	42	32	19	37.5	/	6.5	150	450	8.6	24	41.3	100	1.0	FAA60K155K212KL5
600	1.8	42	37	22	37.5	/	7.0	180	540	8.0	24	38.3	100	1.0	FAA60K185K274KL5
600	2.0	42	37	22	37.5	/	8.0	200	600	7.0	24	33.5	100	1.0	FAA60K205K274KL5
600	2.2	42	44	24	37.5	/	9.0	220	660	6.5	24	28.5	100	1.0	FAA60K225K324KL5
600	2.5	42	44	24	37.5	/	9.5	250	750	6.0	24	27.7	100	1.0	FAA60K255K324KL5
600	2.8	42	43	28	37.5	/	10.0	280	840	5.5	26	27.3	100	1.0	FAA60K285K392KL5
600	3.0	42	45	30	37.5	/	10.5	300	900	5.0	26	27.2	100	1.0	FAA60K305K422KL5
600	3.5	42	50	35	37.5	20.3	12.5	350	1050	4.5	28	21.3	100	1.2	FAA60K335K474KD5
600	4.0	42	50	35	37.5	20.3	14.0	400	1200	4.0	28	19.1	100	1.2	FAA60K405K474KD5
600	4.5	57.5	45	30	52.5	20.3	12.5	315	945	4.5	30	21.3	70	1.2	FAA60K455M164MD5
600	5.0	57.5	45	30	52.5	20.3	13.5	350	1050	4.2	30	19.6	70	1.2	FAA60K505M164MD5
600	6.0	57.5	50	35	52.5	20.3	14.0	420	1260	4.0	32	19.1	70	1.2	FAA60K605M204MD5
600	6.5	57.5	50	35	52.5	20.3	16.0	455	1365	3.8	32	15.4	70	1.2	FAA60K655M204MD5
600	7.0	57.5	57.5	38	52.5	20.3	18.0	490	1470	3.6	32	12.9	70	1.2	FAA60K705M474MD5
600	7.5	57.5	57.5	38	52.5	20.3	19.0	525	1575	3.4	32	12.2	70	1.2	FAA60K755M474MD5
600	8.0	57.5	57.5	38	52.5	20.3	20.0	560	1680	3.2	32	11.7	70	12	FAA60K805M474MD5
600	10	57.5	65	45	52.5	20.3	22.0	700	2100	3.0	32	10.3	70	12	FAA60K106M344MD5
760	0.1	32	18	9	27.5	/	1.5	20	60	45.0	16	148.1	200	0.8	FAA76K104G152GL5
760	0.15	32	20	11	27.5	/	2.5	30	90	24.0	16	100.0	200	0.8	FAA76K154G182GL5
760	0.22	32	22	13	27.5	/	2.8	44	132	21.5	16	89.0	200	0.8	FAA76K224G212GL5
760	0.33	32	24.5	15	27.5	/	3.2	66	198	15.5	16	94.5	200	0.8	FAA76K334G272GL5

FAA Series - 180Vac ~ 760Vac

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
760	0.47	32	28	18	27.5	/	4.5	94	282	12.0	18	61.7	200	0.8	FAA76K474G332GL5
760	0.56	32	33	18	27.5	/	5.0	112	336	10.5	20	57.1	200	0.8	FAA76K564G342GL5
760	0.68	32	37	22	27.5	/	6.0	136	408	9.5	22	43.9	200	1.0	FAA76K684G402GL5
760	0.68	42	30	16	37.5	/	4.5	82	245	12.8	24	57.9	120	1.0	FAA76K684K142KL5
760	0.82	42	32	19	37.5	/	5.5	98	295	10.0	24	49.6	120	1.0	FAA76K824K212KL5
760	1.0	42	32	19	37.5	/	6.5	120	360	9.0	24	39.4	120	1.0	FAA76K105K212KL5
760	1.2	42	37	22	37.5	/	7.0	144	432	8.5	24	36.0	120	1.0	FAA76K125K274KL5
760	1.5	42	44	24	37.5	/	8.0	180	540	7.5	24	31.3	120	1.0	FAA76K155K324KL5
760	1.8	42	43	28	37.5	/	9.5	216	648	6.5	26	25.6	120	1.0	FAA76K185K392KL5
760	2.0	42	45	30	37.5	/	10.5	240	720	5.0	26	27.2	120	1.0	FAA76K205K422KL5
760	2.5	42	50	35	37.5	20.3	12.5	300	900	4.5	28	21.3	120	1.2	FAA76K255K474KD5
760	3.0	57.5	45	30	52.5	20.3	12.5	240	720	4.5	30	21.3	80	1.2	FAA76K305M164MD5
760	4.0	57.5	50	35	52.5	20.3	14.0	320	960	4.0	32	19.1	80	1.2	FAA76K405M204MD5
760	5.0	57.5	57.5	38	52.5	20.3	16.0	400	1200	3.6	32	16.3	80	1.2	FAA76K505M474MD5
760	6.0	57.5	55	45	52.5	20.3	18.0	480	1440	3.4	32	13.6	80	1.2	FAA76K605M324MD5
760	7.0	57.5	65	45	52.5	20.3	20.0	560	1680	3.2	32	11.7	80	1.2	FAA76K705M344MD5

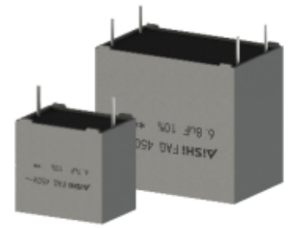
FAG Series - 180Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Overview

The FAG capacitor is constructed of metallized polypropylene film encapsulated with epoxy resin in a plastic box, with 2 or 4 tinned copper wire. These FAG series are suitable for harsh environment conditions and compliant to THB Grade IIIB.

概述

FAG 结构为金属化聚丙烯薄膜，环氧树脂封装，塑料壳，及2或4根镀锡铜线所构成。FAG系列适用于严苛的环境并符合THB IIIB等级要求。



Applications

Widely used in Clamping, AC and Harmonic Filtering, UPS Systems, Solar Inverter with LCL Filter and Motor Drive.

应用

广泛应用于箝位电路，交流及谐波滤波，不断电系统，光伏逆变器，LCL滤波器及马达驱动。

Features

- High ripple current
- Self-healing and low loss
- Optimized AC voltage performance
- Suitable for high frequency applications
- Suitable for harsh environment conditions
- THB Grade IIIB (85°C, 85% RH, 1000h at U_{RAC})

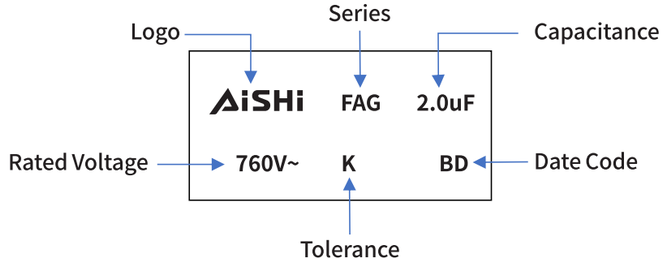
特点

- 高纹波电流
- 良好的自愈性及低损耗
- 良好的交流电压性能
- 适用于高频应用
- 适用于严苛环境
- 符合85°C 85%RH 1.0U_{RAC} 1000 小时

Approvals 认证

Marking	Specification	File Number
c UL us	UL 810	E500537

Marking标识



FAG Series - 180Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	AG	76	K	205	K42	2KL	5
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	AC Filtering, THB Type, Metallized PP Film	180=18 250=25 275=27 350=35 380=38 400=40 450=45 500=50 600=60 700=70 760=76	J = ±5% K = ±10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Code Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	27.5mm	G	10.2mm	B
2 leads for straight cut	2	37.5mm	K	12.7mm	G
2 leads for forming cut	E	52.5mm	M	20.3mm	D
4 leads for straight cut	4	N/A	N	N/A	L
6 leads for straight cut	6				

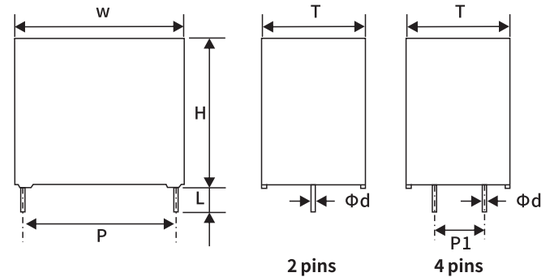
Lead Length Code
引出端长度代码

Lead Length	
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
20.0mm min	L

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FAG Series - 180Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch				Ød		
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	P1	Tolerance	4 Leads	2 Leads	Tolerance
G15	32	0.8	18	0.8	9	0.8	27.5	0.5	/	/	/	0.8	0.05
G18	32	0.8	20	0.8	11	0.8	27.5	0.5	/	/	/	0.8	0.05
G21	32	0.8	22	0.8	13	0.8	27.5	0.5	/	/	/	0.8	0.05
G22	32	0.8	24.5	0.8	13	0.8	27.5	0.5	/	/	/	0.8	0.05
G25	32	0.8	24	0.8	14	0.8	27.5	0.5	/	/	/	0.8	0.05
G26	32	0.8	28	0.8	14	0.8	27.5	0.5	/	/	/	0.8	0.05
G27	32	0.8	24.5	0.8	15	0.8	27.5	0.5	/	/	/	0.8	0.05
G32	32	0.8	30	0.8	16	0.8	27.5	0.5	/	/	/	0.8	0.05
G33	32	0.8	28	0.8	18	0.8	27.5	0.5	/	/	/	0.8	0.05
G34	32	0.8	33	0.8	18	0.8	27.5	0.5	/	/	/	0.8	0.05
G40	32	0.8	37	0.8	22	0.8	27.5	0.5	/	/	/	0.8	0.05
K11	42	1.0	24	1.0	13	1.0	37.5	0.5	/	/	/	1.0	0.05
K14	42	1.0	30	1.0	16	1.0	37.5	0.5	/	/	/	1.0	0.05
K17	42	1.0	28	1.0	17	1.0	37.5	0.5	/	/	/	1.0	0.05
K18	42	1.0	29	1.0	17	1.0	37.5	0.5	/	/	/	1.0	0.05
K21	42	1.0	32	1.0	19	1.0	37.5	0.5	/	/	/	1.0	0.05
K24	42	1.0	40	1.0	20	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K27	42	1.0	37	1.0	22	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K32	42	1.0	44	1.0	24	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K37	42	1.0	37	1.0	28	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K39	42	1.0	43	1.0	28	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K42	42	1.0	45	1.0	30	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K47	42	1.0	50	1.0	35	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K49	42	1.0	55	1.0	40	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K52	42	1.0	60	1.0	45	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K56	42	1.0	42	1.0	27	1.0	37.5	0.5	10.2	0.5	1.2	1.0	0.05
K66	42	1.0	30	1.0	17	1.0	37.5	0.5	/	/	/	1.0	0.05
K88	42	1.0	32.5	1.0	18	1.0	37.5	0.5	/	/	/	1.0	0.05
K90	42	1.0	40	1.0	30	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05
K91	42	1.0	47	1.0	30	1.0	37.5	0.5	20.3	0.5	1.2	1.0	0.05

FAG Series - 180Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch				Ød		
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	P1	Tolerance	4 Leads	2 Leads	Tolerance
M10	57.5	1.0	45	1.0	25	1.0	52.5	0.5	10.2	0.5	1.2	12	0.05
M16	57.5	1.0	45	1.0	30	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M20	57.5	1.0	50	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M22	57.5	1.0	60	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M23	57.5	1.0	65	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M24	57.5	1.0	70	1.0	35	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M32	57.5	1.0	55	1.0	45	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M34	57.5	1.0	65	1.0	45	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M47	57.5	1.0	57.5	1.0	38	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05
M65	57.5	1.0	45	1.0	40	1.0	52.5	0.5	20.3	0.5	1.2	12	0.05

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FAG Series - 180Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
180	4.0	32	22	13	27.5	/	7.0	300	900	6.8	16	45.0	75	0.8	FAG18K405G212GL5
180	5.0	32	28	18	27.5	/	8.0	375	1125	5.5	18	42.6	75	0.8	FAG18K505G332GL5
180	6.8	32	33	18	27.5	/	11.0	510	1530	4.0	20	31.0	75	0.8	FAG18K685G342GL5
180	10	32	37	22	27.5	/	13.0	750	2250	2.8	22	31.7	75	1.0	FAG18K106G402GL5
180	10	42	32	19	37.5	/	10.0	450	1350	5.0	24	30.0	45	1.0	FAG18K106K212KL5
180	15	42	37	22	37.5	/	14.0	675	2025	3.5	24	21.9	45	1.0	FAG18K156K274KL5
180	18	42	44	24	37.5	/	14.0	810	2430	2.8	24	273	45	1.0	FAG18K186K324KL5
180	20	42	44	24	37.5	/	15.0	900	2700	2.5	24	26.7	45	1.0	FAG18K206K322KL5
180	22	42	44	24	37.5	/	15.0	990	2970	2.2	26	303	45	1.0	FAG18K226K322KL5
180	25	42	45	30	37.5	/	15.0	1125	3375	2.0	26	333	45	1.0	FAG18K256K422KL5
180	30	42	50	35	37.5	20.3	18.0	1350	4050	1.8	28	25.7	45	1.2	FAG18K306K472KL5
180	33	42	50	35	37.5	20.3	18.0	1485	4455	1.6	28	28.9	45	1.2	FAG18K336K472KL5
180	40	57.5	45	30	52.5	20.3	20.0	1000	3000	2.5	30	15.0	25	1.2	FAG18K406M164MD5
180	50	57.5	50	35	52.5	20.3	24.0	1250	3750	2.2	32	11.8	25	1.2	FAG18K506M204MD5
180	60	57.5	57.5	38	52.5	20.3	26.0	1500	4500	1.8	32	12.3	25	1.2	FAG18K606M474MD5
250	1.0	32	18	9	27.5	/	3.0	90	270	16.5	16	101.0	90	0.8	FAG25K105G152GL5
250	1.5	32	20	11	27.5	/	4.0	135	405	10.5	16	89.3	90	0.8	FAG25K155G182GL5
250	2.0	32	22	13	27.5	/	5.0	180	540	8.5	16	70.6	90	0.8	FAG25K205G212GL5
250	2.2	32	22	13	27.5	/	6.0	198	594	7.8	16	53.4	90	0.8	FAG25K225G212GL5
250	2.5	32	22	13	27.5	/	6.0	225	675	7.5	16	55.6	90	0.8	FAG25K255G212GL5
250	3.0	32	24.5	15	27.5	/	7.0	270	810	6.5	16	47.1	90	0.8	FAG25K305G272GL5
250	3.3	32	24.5	15	27.5	/	8.0	297	891	6.2	16	37.8	90	0.8	FAG25K335G272GL5
250	3.5	32	28	14	27.5	/	8.0	315	945	5.8	18	40.4	90	0.8	FAG25K355G262GL5
250	4.0	32	28	18	27.5	/	10.0	360	1080	4.8	20	31.3	90	0.8	FAG25K405G332GL5
250	4.5	32	33	18	27.5	/	10.0	405	1215	4.5	20	33.3	90	0.8	FAG25K455G342GL5
250	5.0	32	33	18	27.5	/	11.0	450	1350	4.0	20	31.0	90	0.8	FAG25K505G342GL5
250	6.8	32	37	22	27.5	/	14.0	612	1836	2.8	22	27.3	90	1.0	FAG25K106G402GL5
250	4.7	42	30	16	37.5	/	7.0	282	846	7.5	24	40.8	60	1.0	FAG25K475K142KL5
250	5.0	42	30	16	37.5	/	8.0	300	900	7.0	24	33.5	60	1.0	FAG25K505K142KL5
250	6.0	42	30	16	37.5	/	9.0	360	1080	6.0	24	30.9	60	1.0	FAG25K605K142KL5
250	6.5	42	30	16	37.5	/	10.0	390	1170	5.6	24	26.8	60	1.0	FAG25K655K142KL5
250	6.8	42	32	19	37.5	/	10.5	408	1224	5.4	24	25.2	60	1.0	FAG25K685K212KL5
250	7.5	42	32	19	37.5	/	11.0	450	1350	5.0	24	24.8	60	1.0	FAG25K755K212KL5
250	8.0	42	37	22	37.5	/	12.0	480	1440	4.5	24	23.1	60	1.0	FAG25K805K274KL5
250	10	42	37	22	37.5	/	13.0	600	1800	3.6	24	24.7	60	1.0	FAG25K106K274KL5
250	12	42	44	24	37.5	/	14.0	720	2160	3.0	24	25.5	60	1.0	FAG25K126K324KL5
250	15	42	44	24	37.5	/	14.0	900	2700	2.5	24	30.6	60	1.0	FAG25K156K322KL5
250	18	42	43	28	37.5	/	15.0	1080	3240	2.2	26	30.3	60	1.0	FAG25K186K392KL5
250	20	42	45	30	37.5	/	15.0	1200	3600	2.0	26	33.3	60	1.0	FAG25K206K422KL5
250	22	42	50	35	37.5	20.3	18.0	1320	3960	1.8	28	25.7	60	1.2	FAG25K226K474KD5
250	25	57.5	45	30	52.5	20.3	18.0	750	2250	3.2	30	14.5	30	1.2	FAG25K256M164MD5
250	30	57.5	45	30	52.5	20.3	20.0	900	2700	2.8	30	13.4	30	1.2	FAG25K306M164MD5

FAG Series - 180Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
250	35	57.5	50	35	52.5	20.3	24.0	1050	3150	2.4	32	10.9	30	1.2	FAG25K356M204MD5
250	40	57.5	57.5	38	52.5	20.3	26.0	1200	3600	2.0	32	11.1	30	1.2	FAG25K406M474MD5
300	1.0	32	20	11	27.5	/	4.0	90	270	12.5	16	75.0	90	0.8	FAG30K105G182GL5
300	1.5	32	22	13	27.5	/	5.0	135	405	8.5	16	70.6	90	0.8	FAG30K155G212GL5
300	2.0	32	24.5	15	27.5	/	6.0	180	540	7.5	16	55.6	90	0.8	FAG30K205G272GL5
300	2.2	32	24.5	15	27.5	/	7.0	198	594	6.8	16	45.0	90	0.8	FAG30K225G272GL5
300	2.5	32	28	14	27.5	/	8.0	225	675	6.5	18	36.1	90	0.8	FAG30K255G262GL5
300	3.0	32	28	18	27.5	/	9.0	270	810	6.0	20	30.9	90	0.8	FAG30K305G332GL5
300	3.3	32	33	18	27.5	/	10.0	297	891	4.8	20	31.3	90	0.8	FAG30K335G342GL5
300	3.5	32	33	18	27.5	/	10.5	315	945	4.6	20	29.6	90	0.8	FAG30K355G342GL5
300	4.0	32	33	18	27.5	/	11.0	360	1080	4.2	20	29.5	90	0.8	FAG30K405G342GL5
300	4.7	32	37	22	27.5	/	13.0	423	1269	3.8	22	234	90	1.0	FAG30K475G402GL5
300	5.0	32	37	22	27.5	/	13.5	450	1350	3.6	22	22.9	90	1.0	FAG30K505G402GL5
300	5.6	32	37	22	27.5	/	14.0	504	1512	3.0	22	25.5	90	1.0	FAG30K565G402GL5
300	3.0	42	30	16	37.5	/	6.0	180	540	9.0	24	46.3	60	1.0	FAG30K305K142KL5
300	3.3	42	30	16	37.5	/	7.0	198	594	8.5	24	36.0	60	1.0	FAG30K335K142KL5
300	3.5	42	30	16	37.5	/	7.0	210	630	8.0	24	38.3	60	1.0	FAG30K355K142KL5
300	4.0	42	30	16	37.5	/	8.0	240	720	6.8	24	34.5	60	1.0	FAG30K405K142KL5
300	4.5	42	30	16	37.5	/	9.0	270	810	6.0	24	30.9	60	1.0	FAG30K455K142KL5
300	4.7	42	30	16	37.5	/	9.0	282	846	5.8	24	31.9	60	1.0	FAG30K475K142KL5
300	5.0	42	32	19	37.5	/	10.0	300	900	5.5	24	27.3	60	1.0	FAG30K505K212KL5
300	6.0	42	32	19	37.5	/	11.0	360	1080	5.0	24	24.8	60	1.0	FAG30K605K212KL5
300	6.8	42	37	22	37.5	/	12.0	408	1224	4.5	24	23.1	60	1.0	FAG30K685K274KL5
300	8.0	42	37	22	37.5	/	13.0	480	1440	3.6	24	24.7	60	1.0	FAG30K805K274KL5
300	10	42	44	24	37.5	/	14.0	600	1800	3.0	24	25.5	60	1.0	FAG30K106K324KL5
300	12	42	43	28	37.5	/	15.0	720	2160	2.4	26	27.8	60	1.0	FAG30K126K392KL5
300	15	42	45	30	37.5	/	15.0	900	2700	2.2	26	30.3	60	1.0	FAG30K156K422KL5
300	18	42	50	35	37.5	20.3	18.0	1080	3240	2.0	28	23.1	60	12	FAG30K186K474KD5
300	18	57.5	45	30	52.5	20.3	16.0	540	1620	3.5	30	16.7	30	12	FAG30K186M164MD5
300	20	57.5	45	30	52.5	20.3	18.0	600	1800	3.2	30	14.5	30	12	FAG30K206M164MD5
300	25	57.5	50	35	52.5	20.3	20.0	750	2250	3.0	32	12.5	30	12	FAG30K256M204MD5
300	30	57.5	57.5	38	52.5	20.3	24.0	900	2700	2.4	32	10.9	30	12	FAG30K306M474MD5
350	0.33	32	18	9	27.5	/	1.5	33	99	45.0	16	148.1	100	0.8	FAG35K334G152GL5
350	0.39	32	18	9	27.5	/	1.6	39	117	40.0	16	146.5	100	0.8	FAG35K394G152GL5
350	0.47	32	18	9	27.5	/	2.0	47	141	35.0	16	107.1	100	0.8	FAG35K474G152GL5
350	0.68	32	20	11	27.5	/	2.5	68	204	24.0	16	100.0	100	0.8	FAG35K684G182GL5
350	0.82	32	22	13	27.5	/	3.0	82	246	20.5	16	81.3	100	0.8	FAG35K824G212GL5
350	1.0	32	22	13	27.5	/	3.2	100	300	15.5	16	94.5	100	0.8	FAG35K105G212GL5
350	1.5	32	24.5	15	27.5	/	4.0	150	450	13.0	16	72.1	100	0.8	FAG35K155G272GL5
350	2.0	32	28	18	27.5	/	4.8	200	600	10.8	18	60.3	100	0.8	FAG35K205G332GL5
350	2.2	32	28	18	27.5	/	5.0	220	660	10.2	18	58.8	100	0.8	FAG35K225G332GL5
350	2.5	32	33	18	27.5	/	6.0	250	750	7.0	20	59.5	100	0.8	FAG35K255G342GL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FAG Series - 180Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
350	3.0	32	37	22	27.5	/	7.0	300	900	5.8	22	52.8	100	1.0	FAG35K305G402GL5
350	3.3	32	37	22	27.5	/	7.5	330	990	5.2	22	51.3	100	1.0	FAG35K335G402GL5
350	3.5	32	37	22	27.5	/	7.8	350	1050	5.0	22	49.3	100	1.0	FAG35K355G402GL5
350	4.0	32	37	22	27.5	/	8.0	400	1200	4.5	22	52.1	100	1.0	FAG35K405G402GL5
350	2.0	42	30	16	37.5	/	4.5	140	420	12.8	24	57.9	70	1.0	FAG35K205K142KL5
350	2.2	42	30	16	37.5	/	4.8	154	462	12.5	24	52.1	70	1.0	FAG35K225K142KL5
350	2.5	42	30	16	37.5	/	5.2	175	525	11.8	24	47.0	70	1.0	FAG35K255K142KL5
350	3.0	42	30	16	37.5	/	5.5	210	630	10.8	24	45.9	70	1.0	FAG35K305K142KL5
350	3.3	42	30	16	37.5	/	6.0	231	693	8.8	24	47.3	70	1.0	FAG35K335K142KL5
350	3.5	42	30	16	37.5	/	6.5	245	735	8.6	24	41.3	70	1.0	FAG35K355K142KL5
350	4.0	42	32	19	37.5	/	7.0	280	840	8.0	24	38.3	70	1.0	FAG35K405K212KL5
350	4.5	42	37	22	37.5	/	8.0	315	945	7.0	24	33.5	70	1.0	FAG35K455K274KL5
350	5.0	42	37	22	37.5	/	8.5	350	1050	6.8	24	30.5	70	1.0	FAG35K505K274KL5
350	5.5	42	37	22	37.5	/	8.8	385	1155	6.4	24	30.3	70	1.0	FAG35K555K274KL5
350	6.0	42	44	24	37.5	/	9.5	420	1260	6.0	24	27.7	70	1.0	FAG35K605K324KL5
350	6.5	42	44	24	37.5	/	10.0	455	1365	5.5	24	27.3	70	1.0	FAG35K655K324KL5
350	7.0	42	44	24	37.5	/	10.5	490	1470	5.2	24	26.2	70	1.0	FAG35K705K324KL5
350	8.0	42	44	24	37.5	/	10.5	560	1680	5.2	24	26.2	70	1.0	FAG35K805K324KL5
350	8.5	42	43	28	37.5	/	11.0	595	1785	4.8	26	25.8	70	1.0	FAG35K855K392KL5
350	9.0	42	43	28	37.5	/	11.0	630	1890	4.6	26	26.9	70	1.0	FAG35K905K392KL5
350	9.5	42	45	30	37.5	/	11.5	665	1995	4.4	26	25.8	70	1.0	FAG35K955K422KL5
350	10	42	45	30	37.5	/	12.0	700	2100	4.2	26	24.8	70	1.0	FAG35K106K422KL5
350	12	42	50	35	37.5	20.3	14.0	840	2520	3.6	28	21.3	70	1.2	FAG35K126K474KD5
350	15	57.5	45	30	52.5	20.3	16.5	600	1800	3.5	30	15.7	40	1.2	FAG35K156M164MD5
350	18	57.5	50	35	52.5	203	18.0	720	2160	3.0	32	15.4	40	1.2	FAG35K186M204MD5
350	20	57.5	57.5	38	52.5	20.3	20.0	800	2400	2.8	32	13.4	40	1.2	FAG35K206M474MD5
350	22	57.5	57.5	38	52.5	20.3	22.0	880	2640	2.6	32	11.9	40	1.2	FAG35K226M474MD5
350	25	57.5	55	45	52.5	20.3	24.0	1000	3000	2.4	32	10.9	40	1.2	FAG35K256M324MD5
350	30	57.5	65	45	52.5	20.3	26.0	1200	3600	2.2	32	10.1	40	1.2	FAG35K306M344MD5
400	0.33	32	18	9	27.5	/	1.5	40	119	45.0	16	148.1	120	0.8	FAG40K334G152GL5
400	0.39	32	18	9	27.5	/	1.6	47	140	40.0	16	146.5	120	0.8	FAG40K394G152GL5
400	0.47	32	18	9	27.5	/	2.0	56	169	35.0	16	107.1	120	0.8	FAG40K474G152GL5
400	0.68	32	20	11	27.5	/	2.5	82	245	24.0	16	100.0	120	0.8	FAG40K684G182GL5
400	0.82	32	22	13	27.5	/	3.0	98	295	20.5	16	81.3	120	0.8	FAG40K824G212GL5
400	1.0	32	24	14	27.5	/	3.2	120	360	15.5	16	94.5	120	0.8	FAG40K105G252GL5
400	1.5	32	28	18	27.5	/	4.8	180	540	10.8	18	60.3	120	0.8	FAG40K155G332GL5
400	2.0	32	33	18	27.5	/	6.0	240	720	7.0	20	59.5	120	0.8	FAG40K205G342GL5
400	2.2	32	33	18	27.5	/	6.0	264	792	7.0	20	59.5	120	0.8	FAG40K225G342GL5
400	2.5	32	37	22	27.5	/	7.0	300	900	5.8	22	52.8	120	1.0	FAG40K255G402GL5
400	3.0	32	37	22	27.5	/	7.5	360	1080	5.2	22	51.3	120	1.0	FAG40K305G402GL5
400	2.0	42	30	16	37.5	/	4.5	160	480	12.8	24	57.9	80	1.0	FAG40K205K142KL5
400	2.2	42	30	16	37.5	/	4.8	176	528	12.5	24	52.1	80	1.0	FAG40K225K142KL5

FAG Series - 180Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
400	2.5	42	30	16	37.5	/	5.2	200	600	11.8	24	47.0	80	1.0	FAG40K255K142KL5
400	3.0	42	32	19	37.5	/	6.0	240	720	8.8	24	47.3	80	1.0	FAG40K305K212KL5
400	3.3	42	32	19	37.5	/	6.5	264	792	8.6	24	41.3	80	1.0	FAG40K335K212KL5
400	3.5	42	37	22	37.5	/	7.0	280	840	8.0	24	38.3	80	1.0	FAG40K355K274KL5
400	4.0	42	37	22	37.5	/	8.0	320	960	7.0	24	33.5	80	1.0	FAG40K405K274KL5
400	4.5	42	37	22	37.5	/	8.5	360	1080	6.8	24	30.5	80	1.0	FAG40K455K274KL5
400	5.0	42	44	24	37.5	/	9.5	400	1200	6.0	24	27.7	80	1.0	FAG40K505K324KL5
400	5.5	42	44	24	37.5	/	10.0	440	1320	5.5	24	27.3	80	1.0	FAG40K555K324KL5
400	6.0	42	43	28	37.5	/	10.5	480	1440	4.8	26	28.3	80	1.0	FAG40K605K392KL5
400	6.5	42	43	28	37.5	/	10.5	520	1560	4.6	26	29.6	80	1.0	FAG40K655K392KL5
400	7.0	42	43	28	37.5	/	11.0	560	1680	4.4	26	28.2	80	1.0	FAG40K705K392KL5
400	7.5	42	45	30	37.5	/	11.0	600	1800	4.4	26	28.2	80	1.0	FAG40K755K422KL5
400	8.0	42	45	30	37.5	/	11.5	640	1920	4.2	26	27.0	80	1.0	FAG40K805K422KL5
400	9.0	42	50	35	37.5	20.3	12.5	720	2160	4.0	28	24.0	80	1.2	FAG40K905K474KD5
400	10	42	50	35	37.5	20.3	14.0	800	2400	3.6	28	21.3	80	1.2	FAG40K106K474KD5
400	10	57.5	45	30	52.5	20.3	12.5	500	1500	4.2	30	22.9	50	1.2	FAG40K106M164MD5
400	12	57.5	50	35	52.5	20.3	14.0	600	1800	3.8	32	20.1	50	1.2	FAG40K126M204MD5
400	14	57.5	50	35	52.5	20.3	16.0	700	2100	3.6	32	16.3	50	1.2	FAG40K146M204MD5
400	18	57.5	57.5	38	52.5	20.3	20.0	900	2700	3.0	32	12.5	50	1.2	FAG40K186M474MD5
400	20	57.5	55	45	52.5	20.3	22.0	1000	3000	2.8	32	11.1	50	1.2	FAG40K206M324MD5
400	22	57.5	65	45	52.5	20.3	24.0	1100	3300	2.5	32	10.4	50	1.2	FAG40K226M344MD5
400	25	57.5	65	45	52.5	20.3	26.0	1250	3750	2.2	32	10.1	50	1.2	FAG40K256M344MD5
500	0.22	32	18	9	27.5	/	1.5	31	92	45.0	16	148.1	140	0.8	FAG50K224G152GL5
500	0.27	32	18	9	27.5	/	1.6	38	113	40.0	16	146.5	140	0.8	FAG50K274G152GL5
500	0.33	32	20	11	27.5	/	2.5	46	139	24.0	16	100.0	140	0.8	FAG50K334G182GL5
500	0.39	32	20	11	27.5	/	2.5	55	164	24.0	16	100.0	140	0.8	FAG50K394G182GL5
500	0.47	32	22	13	27.5	/	2.8	66	197	21.5	16	89.0	140	0.8	FAG50K474G212GL5
500	0.56	32	22	13	27.5	/	3.0	78	235	20.5	16	81.3	140	0.8	FAG50K564G212GL5
500	0.68	32	24.5	15	27.5	/	3.5	95	286	15.5	16	79.0	140	0.8	FAG50K684G272GL5
500	0.82	32	28	18	27.5	/	4.8	115	344	12.5	18	52.1	140	0.8	FAG50K824G332GL5
500	1.0	32	33	18	27.5	/	6.0	140	420	9.0	20	46.3	140	0.8	FAG50K105G342GL5
500	1.2	32	33	18	27.5	/	6.0	168	504	9.0	20	46.3	140	0.8	FAG50K125G342GL5
500	1.5	32	37	22	27.5	/	7.0	210	630	8.5	22	36.0	140	1.0	FAG50K155G402GL5
500	1.8	32	37	22	27.5	/	7.5	252	756	7.8	22	34.2	140	1.0	FAG50K185G402GL5
500	1.0	42	30	16	37.5	/	4.5	90	270	12.8	24	57.9	90	1.0	FAG50K105K142KL5
500	1.2	42	30	16	37.5	/	4.8	108	324	12.5	24	52.1	90	1.0	FAG50K125K142KL5
500	1.5	42	30	16	37.5	/	5.2	135	405	11.8	24	47.0	90	1.0	FAG50K155K142KL5
500	1.8	42	32	19	37.5	/	6.0	162	486	9.0	24	46.3	90	1.0	FAG50K185K212KL5
500	2.0	42	32	19	37.5	/	6.5	180	540	8.6	24	41.3	90	1.0	FAG50K205K212KL5
500	2.5	42	37	22	37.5	/	7.0	225	675	8.0	24	38.3	90	1.0	FAG50K255K274KL5
500	2.8	42	37	22	37.5	/	8.0	252	756	7.0	24	33.5	90	1.0	FAG50K285K274KL5
500	3.0	42	37	22	37.5	/	8.5	270	810	6.8	24	30.5	90	1.0	FAG50K305K274KL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FAG Series - 180Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
500	3.5	42	44	24	37.5	/	9.5	315	945	6.0	24	27.7	90	1.0	FAG50K355K324KL5
500	4.0	42	43	28	37.5	/	10.5	360	1080	4.8	26	28.3	90	1.0	FAG50K405K392KL5
500	4.5	42	43	28	37.5	/	10.5	405	1215	4.8	26	28.3	90	1.0	FAG50K455K392KL5
500	5.0	42	45	30	37.5	/	11.0	450	1350	4.5	26	27.5	90	1.0	FAG50K505K422KL5
500	5.5	42	50	35	37.5	20.3	12.5	495	1485	4.2	28	22.9	90	1.2	FAG50K555K474KD5
500	6.0	42	50	35	37.5	20.3	14.0	540	1620	3.8	28	20.1	90	1.2	FAG50K605K474KD5
500	7.0	57.5	45	30	52.5	20.3	12.5	420	1260	4.2	30	22.9	60	1.2	FAG50K705M164MD5
500	8.0	57.5	50	35	52.5	20.3	14.0	480	1440	3.8	32	20.1	60	1.2	FAG50K805M204MD5
500	9.0	57.5	50	35	52.5	20.3	16.0	540	1620	3.6	32	163	60	1.2	FAG50K905M204MD5
500	10	57.5	57.5	38	52.5	20.3	18.0	600	1800	3.4	32	13.6	60	1.2	FAG50K106M474MD5
500	12	57.5	57.5	38	52.5	20.3	20.0	720	2160	3.2	32	11.7	60	1.2	FAG50K126M474MD5
500	15	57.5	65	45	52.5	20.3	22.0	900	2700	3.0	32	10.3	60	1.2	FAG50K156M344MD5
600	0.15	32	18	9	27.5	/	1.5	24	72	45.0	16	148.1	160	0.8	FAG60K154G152GL5
600	0.22	32	20	11	27.5	/	2.5	35	106	24.0	16	100.0	160	0.8	FAG60K224G182GL5
600	0.33	32	22	13	27.5	/	2.8	53	158	21.5	16	89.0	160	0.8	FAG60K334G212GL5
600	0.47	32	24.5	15	27.5	/	3.2	75	226	15.5	16	94.5	160	0.8	FAG60K474G272GL5
600	0.56	32	28	14	27.5	/	4.0	90	269	12.5	18	75.0	160	0.8	FAG60K564G262GL5
600	0.68	32	28	18	27.5	/	4.8	109	326	10.8	18	60.3	160	0.8	FAG60K684G332GL5
600	0.82	32	33	18	27.5	/	6.0	131	394	7.0	20	59.5	160	0.8	FAG60K824G342GL5
600	1.0	32	33	18	27.5	/	6.0	160	480	7.0	20	59.5	160	0.8	FAG60K105G342GL5
600	1.2	32	37	22	27.5	/	7.0	192	576	5.8	22	52.8	160	1.0	FAG60K125G402GL5
600	1.0	42	30	16	37.5	/	4.5	100	300	12.8	24	57.9	100	1.0	FAG60K105K142KL5
600	1.2	42	32	19	37.5	/	6.0	120	360	8.8	24	47.3	100	1.0	FAG60K125K212KL5
600	1.5	42	32	19	37.5	/	6.5	150	450	8.6	24	41.3	100	1.0	FAG60K155K212KL5
600	1.8	42	37	22	37.5	/	7.0	180	540	8.0	24	38.3	100	1.0	FAG60K185K274KL5
600	2.0	42	37	22	37.5	/	8.0	200	600	7.0	24	33.5	100	1.0	FAG60K205K274KL5
600	2.2	42	44	24	37.5	/	9.0	220	660	6.5	24	28.5	100	1.0	FAG60K225K324KL5
600	2.5	42	44	24	37.5	/	9.5	250	750	6.0	24	27.7	100	1.0	FAG60K255K324KL5
600	2.8	42	43	28	37.5	/	10.0	280	840	5.5	26	27.3	100	1.0	FAG60K285K392KL5
600	3.0	42	45	30	37.5	/	10.5	300	900	5.0	26	27.2	100	1.0	FAG60K305K422KL5
600	3.5	42	50	35	37.5	20.3	12.5	350	1050	4.5	28	21.3	100	1.2	FAG60K335K474KD5
600	4.0	42	50	35	37.5	20.3	14.0	400	1200	4.0	28	19.1	100	1.2	FAG60K405K474KD5
600	4.5	57.5	45	30	52.5	20.3	12.5	315	945	4.5	30	21.3	70	1.2	FAG60K455M164MD5
600	5.0	57.5	45	30	52.5	20.3	13.5	350	1050	4.2	30	19.6	70	1.2	FAG60K505M164MD5
600	6.0	57.5	50	35	52.5	20.3	14.0	420	1260	4.0	32	19.1	70	1.2	FAG60K605M204MD5
600	6.5	57.5	50	35	52.5	20.3	16.0	455	1365	3.8	32	15.4	70	1.2	FAG60K655M204MD5
600	7.0	57.5	57.5	38	52.5	20.3	18.0	490	1470	3.6	32	12.9	70	1.2	FAG60K705M474MD5
600	7.5	57.5	57.5	38	52.5	20.3	19.0	525	1575	3.4	32	12.2	70	1.2	FAG60K755M474MD5
600	8.0	57.5	57.5	38	52.5	20.3	20.0	560	1680	3.2	32	11.7	70	1.2	FAG60K805M474MD5
600	10	57.5	65	45	52.5	20.3	22.0	700	2100	3.0	32	10.3	70	1.2	FAG60K106M344MD5
760	0.1	32	18	9	27.5	/	1.5	20	60	45.0	16	148.1	200	0.8	FAG76K104G152GL5
760	0.15	32	20	11	27.5	/	2.5	30	90	24.0	16	100.0	200	0.8	FAG76K154G182GL5

FAG Series - 180Vac ~ 760Vac (85°C 85% 1.0U_{RAC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	P	P1	Irms max (10KHz 70°C)	Peak Current	Surge Current	ESR Typical 10KHz	ESL	Thermal Res	dv/dt	Lead Wire	Part Number
		mm	mm	mm	mm	mm	A	A	A	mΩ	nH	°C/W	V/us	mm	
760	0.22	32	22	13	27.5	/	2.8	44	132	21.5	16	89.0	200	0.8	FAG76K224G212GL5
760	0.33	32	24.5	15	27.5	/	3.2	66	198	15.5	16	94.5	200	0.8	FAG76K334G272GL5
760	0.47	32	28	18	27.5	/	4.5	94	282	12.0	18	61.7	200	0.8	FAG76K474G332GL5
760	0.56	32	33	18	27.5	/	5.0	112	336	10.5	20	57.1	200	0.8	FAG76K564G342GL5
760	0.68	32	37	22	27.5	/	6.0	136	408	9.5	22	43.9	200	1.0	FAG76K684G402GL5
760	0.68	42	30	16	37.5	/	4.5	82	245	12.8	24	57.9	120	1.0	FAG76K684K142KL5
760	0.82	42	32	19	37.5	/	5.5	98	295	10.0	24	49.6	120	1.0	FAG76K824K212KL5
760	1.0	42	32	19	37.5	/	6.5	120	360	9.0	24	39.4	120	1.0	FAG76K105K212KL5
760	1.2	42	37	22	37.5	/	7.0	144	432	8.5	24	36.0	120	1.0	FAG76K125K274KL5
760	1.5	42	44	24	37.5	/	8.0	180	540	7.5	24	31.3	120	1.0	FAG76K155K324KL5
760	1.8	42	43	28	37.5	/	9.5	216	648	6.5	26	25.6	120	1.0	FAG76K185K392KL5
760	2.0	42	45	30	37.5	/	10.5	240	720	5.0	26	27.2	120	1.0	FAG76K205K422KL5
760	2.5	42	50	35	37.5	20.3	12.5	300	900	4.5	28	21.3	120	1.2	FAG76K255K474KD5
760	3.0	57.5	45	30	52.5	20.3	12.5	240	720	4.5	30	21.3	80	1.2	FAG76K305M164MD5
760	4.0	57.5	50	35	52.5	20.3	14.0	320	960	4.0	32	19.1	80	1.2	FAG76K405M204MD5
760	5.0	57.5	575	38	52.5	20.3	16.0	400	1200	3.6	32	16.3	80	1.2	FAG76K505M474MD5
760	6.0	57.5	55	45	52.5	20.3	18.0	480	1440	3.4	32	13.6	80	1.2	FAG76K605M324MD5
760	7.0	57.5	65	45	52.5	20.3	20.0	560	1680	3.2	32	11.7	80	1.2	FAG76K705M344MD5

FAC Series - 250 ~ 1000VAC (Cylindrical Aluminum Can, Single Phase)

Overview

The FAC series capacitors are designed for PFC system and AC harmonic filtering, consist of metallized polypropylene film, enclosed in cylindrical Al can filled with soft resin, screw terminals or fast-on terminals.

概述

FAC电容器是为PFC系统和交流谐波滤波而设计的，由金属化聚丙烯膜构成，封装于软树脂、螺栓端子或快速端子的圆柱形铝罐中。

Applications

Widely used in AC Filtering and LCL System

应用

广泛应用于交流滤波及LCL 逆变器

Features

- Self-healing property
- Overpressure disconnector device, 10K AFC
- High capacitance density
- High reliability
- Oil type with good thermal dissipation

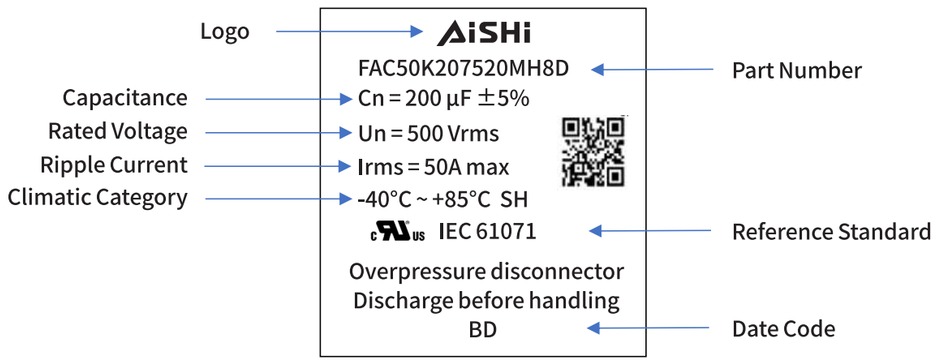
特点

- 良好的自愈性
- 过压断开装置，10K AFC
- 高容量密度
- 高可靠性
- 具有良好的散热性能

Approvals 认证

Marking	Specification	File Number
c UL us	Components	E500536

Marking标识



FAC Series - 250 ~ 1000VAC (Cylindrical Aluminum Can, Single Phase)

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	AC	50	K	207	525	MH8	D
Capacitor Type	Series	Voltage (VAC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Bottom Stud Code
F = Film	AC Filtering, Al Can Single Phase, Metallized PP Film	250=25 330=33 450=45 480=48 550=55 600=60 660=66 690=69 850=85 1000=A0	J = ±5% K = ±10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Bottom Stud Code Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Terminal Space)		Digit Three (Terminal Size)	
Male Terminals	M	20mm	V	M5	5
Female Terminals	F	30mm	H	M6	6
Fast on	P	32mm	P	M8	8
Fast on + stud	Q	50mm	R	M10	H
				Fast On 2+2	E
				Fast On 4+4	F

Bottom Stud Code
底部螺栓代码

Bottom Stud	
Bottom M8*10	C
Bottom M12*16	D
No Bottom Stud	E

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Industrial&Frequency Conversion Household Appliances Series Capacitors
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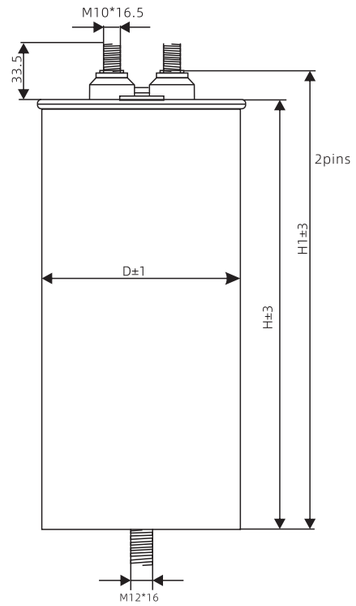
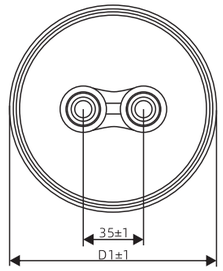
FAC Series - 250 ~ 1000VAC (Cylindrical Aluminum Can, Single Phase)

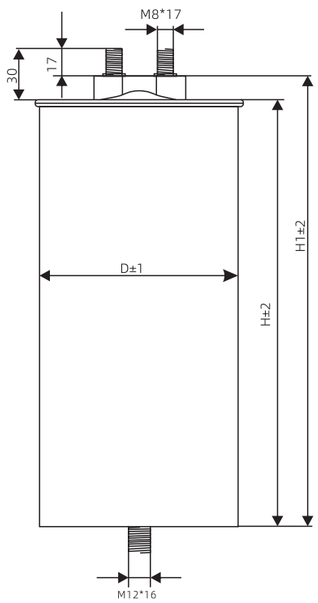
Outline Drawing (mm) 外形图

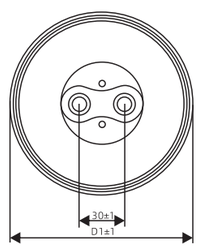
Diameter 直径: 116mm





Diameter直径: 76mm, 86mm, 96mm, 106mm, 116mm, 136mm

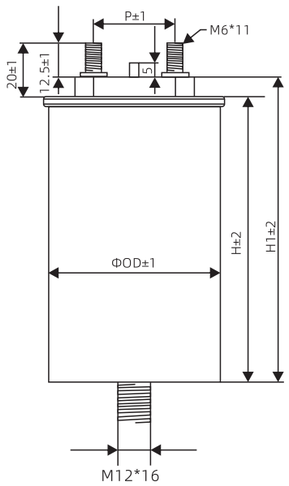


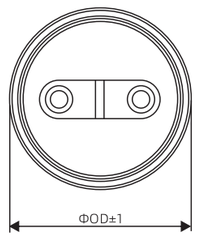


FAC Series - 250 ~ 1000VAC (Cylindrical Aluminum Can, Single Phase)

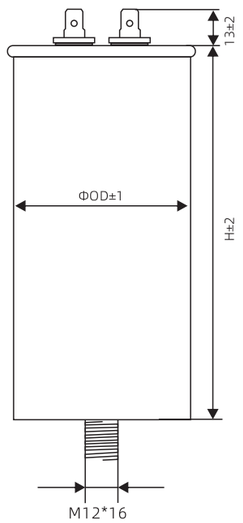
Outline Drawing (mm) 外形图

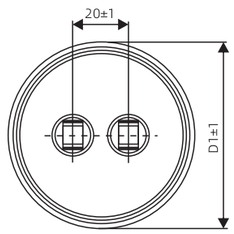
Diameter直径: 60mm, 63.5mm





Diameter直径: 40mm, 45mm, 50mm, 55mm, 60mm, 63.5mm





备注: 铝罐可以有或没有底部螺柱。
当铝罐直径小于50mm时，底部螺柱只能是M8*10mm或没有

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FAC Series - 250 ~ 1000VAC (Cylindrical Aluminum Can, Single Phase)

Size Code Table (mm) 尺寸表

Case Code	D±1mm		D1±1mm		H±2mm		P±1mm	
	mm	inch	mm	inch	mm	inch	mm	inch
U10	50.0	(1.97)	53.0	(2.09)	100.0	(3.94)	20.0	(0.79)
U12	50.0	(1.97)	53.0	(2.09)	125.0	(4.92)	20.0	(0.79)
U75	50.0	(1.97)	53.0	(2.09)	75.0	(2.95)	20.0	(0.79)
V12	55.0	(2.17)	58.0	(2.28)	125.0	(4.92)	20.0	(0.79)
W10	60.0	(2.36)	63.0	(2.48)	100.0	(3.94)	20.0	(0.79)
W12	60.0	(2.36)	63.0	(2.48)	125.0	(4.92)	20.0	(0.79)
112	63.5	(2.50)	66.5	(2.62)	125.0	(4.92)	20.0	(0.79)
212	65.0	(2.56)	68.0	(2.68)	125.0	(4.92)	20.0	(0.79)
310	76.0	(2.99)	79.0	(3.11)	100.0	(3.94)	30.0	(1.18)
312	76.0	(2.99)	79.0	(3.11)	125.0	(4.92)	30.0	(1.18)
315	76.0	(2.99)	79.0	(3.11)	150.0	(5.91)	30.0	(1.18)
320	76.0	(2.99)	79.0	(3.11)	200.0	(7.87)	30.0	(1.18)
325	76.0	(2.99)	79.0	(3.11)	250.0	(9.84)	30.0	(1.18)
515	86.0	(3.39)	90.0	(3.54)	150.0	(5.91)	30.0	(1.18)
520	86.0	(3.39)	90.0	(3.54)	200.0	(7.87)	30.0	(1.18)
525	86.0	(3.39)	90.0	(3.54)	250.0	(9.84)	30.0	(1.18)
625	96.0	(3.78)	100.0	(3.94)	250.0	(9.84)	30.0	(1.18)
725	106.0	(4.17)	111.0	(4.37)	250.0	(9.84)	30.0	(1.18)

FAC Series - 250 ~ 1000VAC (Cylindrical Aluminum Can, Single Phase)

Rating and Part Number 标准品一览表

Vac	Cap Value μF	OD±1	H±2	Irms max at 50°C	Peak Current	ESR 1KHz	ESL	Thermal Res	dv/dt	Pkg Qty	Part Number
		mm	mm	A	A	mΩ	nH	°C/W	V/us	pcs	
250	60	50	100	16A	1002	3.9	100	7.8	16.7	30	FAC25K606U10QVEC
250	80	50	100	16A	1336	4.4	100	7.8	16.7	30	FAC25K806U10QVEC
250	100	50	125	16A	1260	4.8	100	6.3	12.6	30	FAC25K107U12QVEC
250	120	55	125	16A	1512	4.6	120	6	12.6	30	FAC25K127V12QVEC
250	150	76	125	22A	1620	3.3	120	4.7	10.8	12	FAC25K157312MH8D
250	150	60	125	16A	1890	4.3	140	5.3	12.6	24	FAC25K157W12QVEC
330	50	50	100	16A	835	5.1	100	7.8	16.7	30	FAC33K506U10QVEC
330	60	50	125	16A	756	5.4	100	6.3	12.6	30	FAC33K606U12QVEC
330	100	76	125	30A	1310	3.8	120	4.7	13.1	12	FAC33K107312MH8D
330	100	60	125	16A	1260	4.1	140	5.3	12.6	24	FAC33K107W12QVEC
330	120	63.5	125	16A	864	3.8	160	5.5	7.2	24	FAC33K127112QVEC
330	150	76	150	40A	1350	3.0	130	4.3	9	12	FAC33K157315MH8D
450	20	50	75	16A	700	5.2	100	10.5	35	30	FAC45K206U75QVEC
450	30	50	100	16A	699	6.9	100	7.8	23.3	30	FAC45K306U10QVEC
450	40	50	100	16A	540	5.7	100	7.8	13.5	30	FAC45K406U10QVEC
450	50	76	100	20A	855	3.3	100	6.3	17.1	12	FAC45K506310MH8D
450	50	50	125	16A	540	5.0	100	6.3	10.8	30	FAC45K506U12QVEC
450	70	60	125	16A	910	4.8	140	5.5	13	24	FAC45K706W12QVEC
450	80	60	125	16A	904	4.4	140	5.5	11.3	24	FAC45K806W12QVEC
480	100	76	200	50A	1710	4.1	160	4	17.1	12	FAC48K107320MH8D
450	100	76	150	35A	1080	4.7	130	4.3	10.8	12	FAC45K107315MH8D
450	150	86	150	40A	1965	3.9	200	4.4	13.1	8	FAC45K157515MH8D
480	150	76	200	40A	2565	3.5	160	4	17.1	12	FAC48K157320MH8D
480	20	50	75	16A	750	4.8	100	10.5	37.5	30	FAC48K206U75QVEC
480	25	50	100	16A	750	4.2	100	7.8	30	30	FAC48K256U10QVEC
480	30	50	100	16A	750	3.9	100	7.8	25	30	FAC48K306U10QVEC
480	40	60	100	12A	852	5.2	140	7.3	21.3	24	FAC48K406W10QVEC
480	50	55	125	14A	850	4.6	120	6	17	30	FAC48K506V12QVEC
480	60	76	125	18A	1056	3.7	120	4.7	17.6	12	FAC48K606312MH8D
480	70	76	125	20A	1050	3.4	120	4.7	15	12	FAC48K706312MH8D
480	80	76	150	30A	1224	4.2	130	4.3	15.3	12	FAC48K806315MH8D
550	20	50	100	16A	600	6.9	100	7.9	30	30	FAC55K206U10QVEC
550	30	50	125	16A	750	6.6	100	6.3	25	30	FAC55K306U12QVEC
550	40	60	125	16A	752	7.1	140	5.5	18.8	24	FAC55K406W12QVEC
550	50	63.5	125	16A	850	6.1	160	5.3	17	24	FAC55K506112QVEC
550	70	76	150	25A	903	4.6	130	4.2	12.9	12	FAC55K706315MH8D
550	80	76	150	25A	1800	4.3	130	4.3	22.5	12	FAC55K806315MH8D
550	100	86	150	30A	2820	3.9	200	4.4	28.2	8	FAC55K107515MH8D
550	125	86	200	30A	2825	3.6	200	2.9	22.6	8	FAC55K127520MH8D
550	150	86	200	40A	3210	3.3	200	2.9	21.4	8	FAC55K157520MH8D
600	20	50	125	16A	500	11.1	100	6.3	25	30	FAC60K206U12QVEC
600	25	50	125	16A	600	6.1	100	6.3	24	30	FAC60K256U12QVEC

工业及变频家电系列
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AiSHi THINK AHEAD.
FAC Series - 250 ~ 1000VAC (Cylindrical Aluminum Can, Single Phase)
Rating and Part Number 标准品一览表

Vac	Cap Value μF	OD±1	H±2	Irms max at 50°C	Peak Current	ESR 1KHz	ESL	Thermal Res	dv/dt	Pkg Qty	Part Number
		mm	mm	A	A	mΩ	nH	°C/W	V/us	pcs	
600	30	60	125	16A	600	5.4	140	5.3	20	24	FAC60K306W12QVEC
600	35	60	125	16A	700	7.3	140	5.3	20	24	FAC60K356W12QVEC
600	40	63.5	125	16A	700	6.6	160	5.3	17.5	24	FAC60K406112QVEC
600	45	63.5	125	16A	702	6.1	160	5.3	15.6	24	FAC60K456112QVEC
600	50	76	150	20A	850	5.7	130	4.3	17	12	FAC60K506315MH8D
660	15	60	125	16A	420	6.2	140	5.3	28	24	FAC66K156W12QVEC
660	20	55	125	16A	550	8.3	120	6	27.5	30	FAC66K206V12QVEC
660	25	60	125	16A	550	7.9	140	5.3	22	24	FAC66K256W12QVEC
660	30	63.5	125	16A	750	6.3	160	5.5	25	24	FAC66K306112QVEC
660	40	76	150	30A	900	5.2	130	4.3	22.5	12	FAC66K406315MH8D
660	50	86	150	40A	1000	4.7	175	4.4	20	8	FAC66K506515MH8D
690	15	50	125	16A	420	6.2	100	6.3	28	30	FAC69K156U12QVEC
690	20	55	125	16A	550	8.3	120	6	27.5	30	FAC69K206V12QVEC
690	30	63.5	125	16A	750	6.3	160	5.5	25	24	FAC69K306112QVEC
690	40	76	150	25A	1152	4.8	130	4.3	28.8	12	FAC69K406315MH8D
690	50	86	150	30A	1150	4.3	190	4.4	23	8	FAC69K506515MH8D
690	70	76	250	30A	1260	3.7	180	2.9	18	12	FAC69K706325MH8D
690	85	86	250	40A	1530	3.5	200	2.5	18	8	FAC69K856525MH8D
690	100	86	250	40A	1800	3.3	200	2.5	18	8	FAC69K107525MH8D
690	125	106	250	50A	1562.5	4.0	240	2	12.5	5	FAC69K127725MH8D
690	150	106	250	50A	1875	3.8	240	2	12.5	5	FAC69K157725MH8D
850	22	76	150	25A	500	4.4	130	4.3	22.7	12	FAC85K226315MH8D
850	33	76	170	40A	1500	1.9	120	4.0	45.5	12	FAC85K336317MH8D
850	44	86	170	43A	1700	2.1	140	4.2	38.6	8	FAC85K446517MH8D
850	68	86	250	49A	1400	2.0	200	2.5	20.6	8	FAC85K686525MH8D
850	80	86	250	50A	1700	1.8	200	2.5	21.3	8	FAC85K806525MH8D
850	100	96	250	56A	2100	1.8	240	2.3	21	6	FAC85K107625MH8D
850	150	116	250	60A	2900	1.8	240	2.0	19.3	5	FAC85K157925MXHD
1000	15	76	145	30A	1200	5.0	100	6.3	80	12	FACA0K156314MXHD
1000	20	86	145	35A	1600	4.0	100	4	80	8	FACA0K206514MXHD
1000	22	86	145	35A	1750	3.8	100	4	79.5	8	FACA0K226514MXHD
1000	30	96	145	38A	2400	3.5	120	3.7	80	6	FACA0K306614MXHD
1000	33	76	250	40A	2500	3.3	120	3.5	75.8	12	FACA0K336325MXHD
1000	45	86	250	45A	3000	3.0	150	2.5	66.7	8	FACA0K456525MXHD
1000	47	86	250	45A	3200	2.9	150	2.5	68.0	8	FACA0K476525MXHD
1000	61.5	96	250	45A	3500	2.2	200	2.1	56.9	6	FACA0K616625MXHD
1000	68	96	250	48A	3600	2.1	200	2.1	52.9	6	FACA0K686625MXHD
1000	90	116	250	50A	4000	2.0	200	1.6	44.4	5	FACA0K906925MXHD
1000	125	136	250	55A	5000	1.8	200	1.5	40	2	FACA0K127025MXHD
1000	150	136	250	60A	5500	1.6	200	1.5	36.7	2	FACA0K157025MXHD

FAD Series - 230 ~ 850VAC (Cylindrical Aluminum Can, Three Phase)

Overview

The FAD series capacitors are designed for PFC system or filtering harmonics at the AC output of large inverter system. The FAD series capacitor consists of metallized polypropylene film, enclosed in cylindrical Al case and filled with soft PU resin.

概述

FAD电容器适用于大型逆变器交流输出的PFC系统或谐振滤波器。FAD由金属化聚丙烯薄膜构成，封装于圆柱形铝壳内，填充软PU树脂。

Applications

Widely used in PFC, AC Filtering and LCL System

应用

广泛应用于PFC（功率因素校正），交流滤波及LCL 逆变器

Features

- Double safety protection
  -Self-healing property
  -Overpressure disconnector device
- 3 phases in one case, delta connection
- High reliability
- Oil type with good thermal dissipation

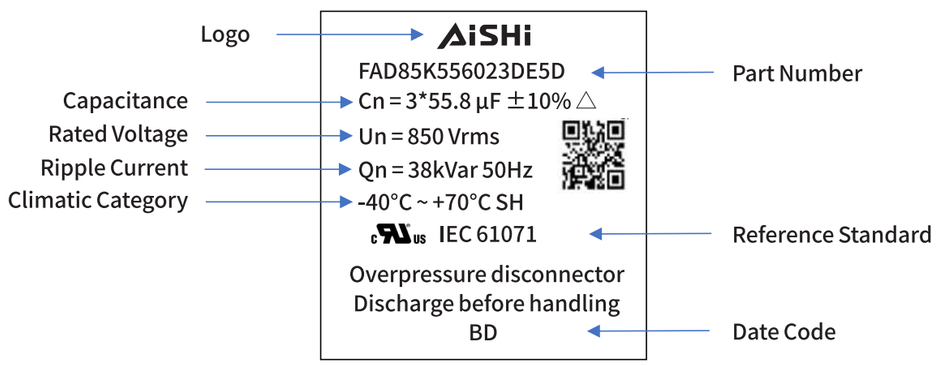
特点

- 双重安全保护
  -自愈性
  -过压断开装置
- 三相电容器·，三角形连接
- 高可靠度
- 具有良好的散热性能

Approvals 认证

Marking	Specification	File Number
c UL us	Components	E500536

Marking标识



工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FAD Series - 230 ~ 850VAC (Cylindrical Aluminum Can, Three Phase)

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	AD	85	K	556	023	DE5	D
Capacitor Type	Series	Voltage (VDC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Bottom Stud Code
F = Film	AC Filtering, Al Can Three Phase, Metallized PP Film	230 = 23 400 = 40 440 = 44 480 = 48 525 = 52 660 = 66 690 = 69 850 = 85	J = ±5% K = ±10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Bottom Stud Code Table

Terminal Code
引出端代码

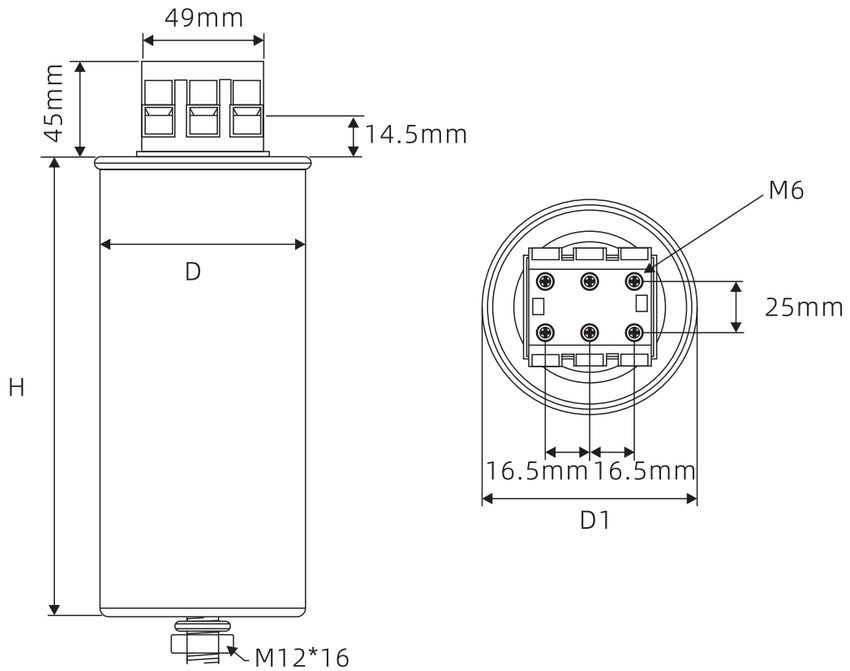
Digit One (Lead/Terminal Type)		Digit Two (Terminal Space)		Digit Three (Terminal Size)	
Three Phase Screw	D	15	E	M5	5
		16.5	F	M6	6

Bottom Stud Code
底部螺栓代码

Bottom Stud	
Bottom M12*16	D
No Bottom Stud	E

FAD Series - 230 ~ 850VAC (Cylindrical Aluminum Can, Three Phase)

Outline Drawing (mm) 外形图



Size Code Table (mm) 尺寸表

Case Code	D±1mm		D1±1mm		H±2mm	
	mm	inch	mm	inch	mm	inch
316	76	(2.99)	80	(3.15)	164	(6.46)
516	86	(3.39)	90	(3.54)	160	(6.30)
520	86	(3.39)	90	(3.54)	200	(7.87)
523	86	(3.39)	90	(3.54)	230	(9.06)
527	86	(3.39)	90	(3.54)	275	(10.83)
535	86	(3.39)	90	(3.54)	350	(13.78)
623	96	(3.78)	101	(3.98)	230	(9.06)
916	116	(4.57)	121	(4.76)	160	(6.30)
920	116	(4.57)	121	(4.76)	200	(7.87)
923	116	(4.57)	121	(4.76)	230	(9.06)
927	116	(4.57)	121	(4.76)	275	(10.83)
020	136	(5.35)	142	(5.59)	200	(7.87)
023	136	(5.35)	142	(5.59)	230	(9.06)

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FAD Series - 230 ~ 850VAC (Cylindrical Aluminum Can, Three Phase)

Rating and Part Number 标准品一览表

Vac	Cap Value μF	OD±1	H±2	Output Kvar	Irms at 40°C	Surge Current	dv/dt (Max)	Pkg Qty	Part Number
		mm	mm	@50Hz	A	A	V/us	pcs	
230	3×200.6	86	275	10.0	25.1	5021	25	8	FAD23K207527DE5D
230	3×200.6	116	160	10.0	25.1	5021	25	5	FAD23K207916DE5D
230	3×250.7	86	275	12.5	31.4	6276	25	8	FAD23K257527DE5D
230	3×250.7	116	200	12.5	31.4	6276	25	5	FAD23K257920DE5D
230	3×300.9	86	350	15.0	37.7	7531	25	8	FAD23K307535DE5D
230	3×300.9	116	200	15.0	37.7	7531	25	5	FAD23K307920DE5D
230	3×335.0	116	230	16.7	41.9	8384	25	5	FAD23K337923DE5D
400	3×66.3	86	200	10.0	14.4	2887	44	8	FAD40K666520DE5D
400	3×82.9	86	200	12.5	18.0	3609	44	8	FAD40K836520DE5D
400	3×99.5	86	275	15.0	21.7	4330	44	8	FAD40K107527DE5D
400	3×110.7	86	275	16.7	24.1	4821	44	8	FAD40K117527DE5D
400	3×110.7	116	160	16.7	24.1	4821	44	5	FAD40K117916DE5D
400	3×132.6	86	275	20.0	28.9	5774	44	8	FAD40K137527DE5D
400	3×132.6	116	200	20.0	28.9	5774	44	5	FAD40K137920DE5D
400	3×165.8	86	350	25.0	36.1	7217	44	8	FAD40K167535DE5D
400	3×165.8	116	200	25.0	36.1	7217	44	5	FAD40K167920DE5D
400	3×198.9	136	200	30.0	43.3	8661	44	2	FAD40K207020DE5D
440	3×46	86	160	8.3	10.9	2178	48	8	FAD44K466516DE5D
440	3×68.5	86	200	12.5	16.4	3280	48	8	FAD44K696520DE5D
440	3×82.2	86	200	15.0	19.7	3937	48	8	FAD44K836520DE5D
440	3×109.0	86	275	20.0	26.2	5249	48	8	FAD44K117527DE5D
440	3×109.0	116	160	20.0	26.2	5249	48	5	FAD44K117916DE5D
440	3×123.3	86	275	22.5	29.5	5905	48	8	FAD44K127527DE5D
440	3×123.3	116	200	22.5	29.5	5905	48	5	FAD44K127920DE5D
440	3×137.0	116	200	25.0	32.8	6561	48	5	FAD44K147920DE5D
440	3×156	116	200	28.1	36.9	7375	48	5	FAD44K157920DE5D
440	3×164.4	86	350	30.0	39.4	7873	48	8	FAD44K167535DE5D
440	3×164.4	116	200	30.0	39.4	7873	48	5	FAD44K167920DE5D
480	3×40	86	200	8.7	10.5	2093	52	8	FAD48K406520DE5D
480	3×60	86	275	13.0	15.6	3127	52	8	FAD48K606527DE5D
480	3×80	116	200	17.4	20.9	4186	52	5	FAD48K806920DE5D
480	3×120	116	275	26.0	31.3	6255	52	5	FAD48K127927DE5D
525	3×38.5	86	200	10.0	11.0	2199	57	8	FAD52K396520DE5D
525	3×48.1	86	200	12.5	13.7	2749	57	8	FAD52K486520DE5D
525	3×58	86	230	15.0	16.5	3299	57	8	FAD52K586523DE5D
525	3×77.0	86	275	20.0	22.0	4399	57	8	FAD52K776527DE5D
525	3×96	86	350	25.0	27.5	5499	57	8	FAD52K966535DE5D
525	3×96	116	200	25.0	27.5	5499	57	5	FAD52K966920DE5D
525	3×115.4	136	200	30.0	33.0	6598	57	2	FAD52K117020DE5D
660	3×20.3	86	200	8.3	7.3	1457	72	8	FAD66K206520DE5D
660	3×24.4	86	200	10.0	8.7	1750	72	8	FAD66K256520DE5D
660	3×30.4	86	230	12.5	10.9	2187	72	8	FAD66K306523DE5D

FAD Series - 230 ~ 850VAC (Cylindrical Aluminum Can, Three Phase)

Rating and Part Number 标准品一览表

Vac	Cap Value μF	OD±1	H±2	Output Kvar	Irms at 40°C	Surge Current	dv/dt (Max)	Pkg Qty	Part Number
		mm	mm	@50Hz	A	A	V/us	pcs	
660	3×36.5	96	230	15.0	13.1	2624	72	6	FAD66K366623DE5D
660	3×48.7	86	350	20.0	17.5	3499	72	8	FAD66K496535DE5D
690	3×27.9	86	230	12.5	10.5	2092	75	8	FAD69K286523DE5D
690	3×33.4	96	230	15.0	12.6	2510	75	6	FAD69K336623DE5D
690	3×44.6	86	350	20.0	16.7	3347	75	8	FAD69K456535DE5D
690	3×55.7	86	350	25.0	20.9	4184	75	8	FAD69K566535DE5D
850	3×8	76	164	5.4	20.0	960	120	12	FAD85K805316DE5D
850	3×16	86	200	10.9	25.0	1920	120	8	FAD85K166520DE5D
850	3×25	96	230	17.0	40.0	2500	100	6	FAD85K256623DE5D
850	3×37.5	116	230	25.5	45.0	3800	100	5	FAD85K376923DE5D
850	3×41.5	116	230	28.2	50.0	4200	100	5	FAD85K416923DE5D
850	3×49	136	230	33.3	50.0	4900	100	2	FAD85K496023DE5D
850	3×55.8	136	230	37.9	50.0	5600	100	2	FAD85K556023DE5D

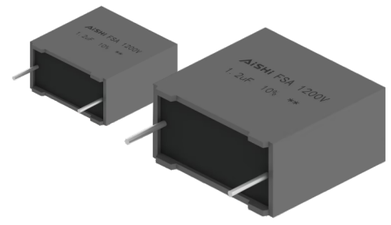
FSA Series - 630Vdc ~ 2000Vdc

Overview

The FSA series is constructed of metallized polypropylene film and double-sided metallized film as electrodes with radial leads of tinned wires. The capacitor is encapsulated in plastic cases, sealed with epoxy resin.

概述

FSA系列由金属化聚丙烯膜和双面金属化膜构成，电极采用镀锡丝径向引线。电容器封装在塑料外壳中，用环氧树脂密封。



Applications

Widely used in high frequency and high current, snubber and silicon-controlled rectifier commutation circuits as well as high voltage high current applications.

应用

广泛用于高频和高电流、缓冲器和硅控制整流器换向电路以及高压大电流应用。

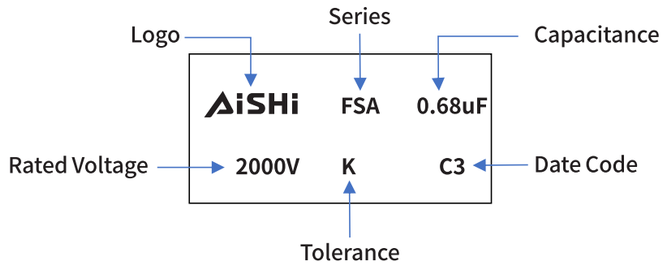
Features

- High ripple current
- Self-healing property
- Low losses
- High contact reliability
- Suitable for high frequency applications
- Negative temperature coefficient of capacitance

特点

- 高纹波电流
- 良好的自愈能力
- 低损耗
- 高可靠性
- 适合高频应用
- 电容量负温度系数

Marking标识



FSA Series - 630Vdc ~ 2000Vdc

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	SA	3D	K	684	K42	2KL	5
Capacitor Type	Series	Voltage (VDC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	DC Film, Double Sided Metallized PP Film	630=2L 1000=3K 1200=3B 1600=3W 2000=3D	J = ±5% K = ±10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Code Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	N/A	L
2 leads for straight cut	2	12.5mm	D		
2 leads for forming cut	E	15.0mm	E		
2 leads for taping forming	T	22.5mm	F		
2 leads for taping straight	V	27.5mm	G		
		37.5mm	K		

Lead Length Code
引出端长度代码

Lead Length	
3.2mm	1
3.5mm	2
3.0mm	3
4.0mm	4
5.0mm	5
Taping	T
N/A	N

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
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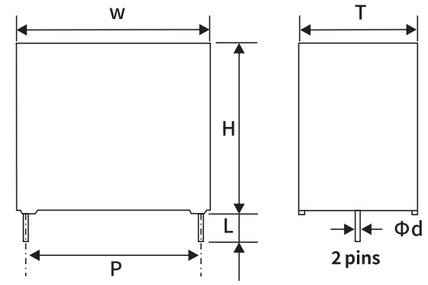
FSA Series - 630Vdc ~ 2000Vdc

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Ød	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	2 Leads	Tolerance
C11	13.0	0.5	9.0	0.5	4.0	0.5	10.0	0.5	0.6	0.05
C13	13.0	0.5	11.0	0.5	5.0	0.5	10.0	0.5	0.6	0.05
C16	13.0	0.5	12.0	0.5	6.0	0.5	10.0	0.5	0.6	0.05
C24	13.0	0.5	13.0	0.5	7.0	0.5	10.0	0.5	0.6	0.05
E14	18.0	0.5	11.0	0.5	5.0	0.5	15.0	0.5	0.6	0.05
E17	18.0	0.5	12.0	0.5	6.0	0.5	15.0	0.5	0.6	0.05
E29	18.0	0.5	13.5	0.5	7.5	0.5	15.0	0.5	0.8	0.05
E34	18.0	0.5	14.5	0.5	8.5	0.5	15.0	0.5	0.8	0.05
E43	18.0	0.5	16.0	0.5	10.0	0.5	15.0	0.5	0.8	0.05
E47	18.0	0.5	19.0	0.5	11.0	0.5	15.0	0.5	0.8	0.05
F17	26.0	0.5	16.5	0.5	7.0	0.5	22.5	0.5	0.8	0.05
F20	26.0	0.5	17.0	0.5	8.5	0.5	22.5	0.5	0.8	0.05
F24	26.0	0.5	19.0	0.5	10.0	0.5	22.5	0.5	0.8	0.05
F26	26.0	0.5	20.0	0.5	11.0	0.5	22.5	0.5	0.8	0.05
F27	26.0	0.5	22.0	0.5	12.0	0.5	22.5	0.5	0.8	0.05
G18	32.0	0.8	20.0	0.8	11.0	0.8	27.5	0.5	0.8	0.05
G21	32.0	0.8	22.0	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G22	32.0	0.8	24.5	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G26	32.0	0.8	28.0	0.8	14.0	0.8	27.5	0.5	0.8	0.05
G34	32.0	0.8	33.0	0.8	18.0	0.8	27.5	0.5	0.8	0.05
G40	32.0	0.8	37.0	0.8	22.0	0.8	27.5	0.5	0.8	0.05
K21	42.5	0.8	32.0	0.8	19.0	0.8	37.5	0.5	1.0	0.05
K24	42.5	0.8	40.0	0.8	20.0	0.8	37.5	0.5	1.0	0.05
K32	42.5	0.8	44.0	0.8	24.0	0.8	37.5	0.5	1.0	0.05
K42	42.5	0.8	45.0	0.8	30.0	0.8	37.5	0.5	1.0	0.05

FSA Series - 630Vdc ~ 2000Vdc

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W mm	H mm	T mm	P mm	Irms max (100KHz 70°C) A	Peak Current A	ESR Typical 100KHz mΩ	ESL nH	dv/dt V/us	Lead Wire mm	Part Number
630	400	0.01	18	11	5	15	1.8	30	62	12	3000	0.8	FSA2LK103E142EL5
630	400	0.012	18	11	5	15	2.2	36	52	12	3000	0.8	FSA2LK123E142EL5
630	400	0.015	18	11	5	15	2.5	45	42	12	3000	0.8	FSA2LK153E142EL5
630	400	0.018	18	11	5	15	2.7	54	35	12	3000	0.8	FSA2LK183E142EL5
630	400	0.02	18	11	5	15	2.8	60	32	12	3000	0.8	FSA2LK203E142EL5
630	400	0.022	18	11	5	15	2.9	66	30	12	3000	0.8	FSA2LK223E142EL5
630	400	0.027	18	12	6	15	3.2	81	25	12	3000	0.8	FSA2LK273E172EL5
630	400	0.033	18	12	6	15	3.7	99	20	12	3000	0.8	FSA2LK333E172EL5
630	400	0.039	18	12	6	15	3.9	117	16	12	3000	0.8	FSA2LK393E172EL5
630	400	0.047	18	13.5	7.5	15	4.5	141	15	12	3000	0.8	FSA2LK473E292EL5
630	400	0.056	18	13.5	7.5	15	4.6	168	14	12	3000	0.8	FSA2LK563E292EL5
630	400	0.068	18	14.5	8.5	15	4.7	204	13.5	12	3000	0.8	FSA2LK683E342EL5
630	400	0.082	18	16	10	15	4.8	246	13.2	12	3000	0.8	FSA2L823E432EL5
630	400	0.1	18	16	10	15	5	300	13	12	3000	0.8	FSA2LK104E432EL5
630	400	0.12	18	19	11	15	5.4	360	12.5	12	3000	0.8	FSA2LK124E472EL5
630	400	0.047	26	15.5	6	22.5	3.8	70.5	20	15	1500	0.8	FSA2LK473F142FL5
630	400	0.056	26	15.5	6	22.5	4	84	19.5	15	1500	0.8	FSA2LK563F142FL5
630	400	0.068	26	15.5	6	22.5	4.2	102	19	15	1500	0.8	FSA2LK683F142FL5
630	400	0.082	26	15.5	6	22.5	4.5	123	18	15	1500	0.8	FSA2LK823F142FL5
630	400	0.1	26	15.5	6	22.5	5	150	16	15	1500	0.8	FSA2LK104F142FL5
630	400	0.12	26	16.5	7	22.5	5.3	180	14	15	1500	0.8	FSA2LK124F172FL5
630	400	0.15	26	17	8.5	22.5	6	225	11	15	1500	0.8	FSA2LK154F202FL5
630	400	0.18	26	17	8.5	22.5	6.5	270	10	15	1500	0.8	FSA2LK184F202FL5
630	400	0.22	26	19	10	22.5	7.5	330	8.5	15	1500	0.8	FSA2LK224F242FL5
630	400	0.27	26	20	11	22.5	8.5	405	6.5	15	1500	0.8	FSA2LK274F262FL5
630	400	0.33	26	20	11	22.5	9	495	6	15	1500	0.8	FSA2LK334F262FL5
630	400	0.39	26	22	12	22.5	10	585	5	15	1500	0.8	FSA2LK394F272FL5
630	400	0.15	32	17	8	27.5	4.6	135	25	20	900	0.8	FSA2LK154G142GL5
630	400	0.18	32	17	8	27.5	4.8	162	22	20	900	0.8	FSA2LK184G142GL5
630	400	0.22	32	18	9	27.5	5	198	20	20	900	0.8	FSA2LK224G152GL5
630	400	0.27	32	20	11	27.5	5.5	243	17.5	20	900	0.8	FSA2LK274G182GL5
630	400	0.33	32	20	11	27.5	5.8	297	16.5	20	900	0.8	FSA2LK334G182GL5
630	400	0.39	32	20	11	27.5	6	351	16	20	900	0.8	FSA2LK394G182GL5
630	400	0.47	32	22	13	27.5	6.5	423	14	20	900	0.8	FSA2LK474G212GL5
630	400	0.56	32	22	13	27.5	7	504	12	20	900	0.8	FSA2LK564G212GL5
630	400	0.68	32	24.5	13	27.5	7.5	612	10.5	20	900	0.8	FSA2LK684G222GL5
630	400	0.82	32	28	14	27.5	8.5	738	9	20	900	0.8	FSA2LK824G262GL5
630	400	1	32	33	18	27.5	10	900	7	20	900	0.8	FSA2LK105G342GL5
630	400	1.2	32	33	18	27.5	13	1080	6	20	900	0.8	FSA2LK125G342GL5
630	400	1.5	32	37	22	27.5	15	1350	5	20	900	0.8	FSA2LK155G402GL5
630	400	1.8	32	37	22	27.5	16	1620	4	20	900	0.8	FSA2LK185G402GL5
630	400	0.33	42	22	11	37.5	6.8	165	13	25	500	1.0	FSA2LK334K852KL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FSA Series - 630Vdc ~ 2000Vdc

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W mm	H mm	T mm	P mm	Irms max (100KHz 70°C) A	Peak Current A	ESR Typical 100KHz mΩ	ESL nH	dv/dt V/us	Lead Wire mm	Part Number
630	400	0.47	42	22	11	37.5	7	235	12.5	25	500	1.0	FSA2LK474k852KL5
630	400	0.56	42	22	11	37.5	7.5	280	11	25	500	1.0	FSA2LK564K852KL5
630	400	0.68	42	22	11	37.5	8	340	10.5	25	500	1.0	FSA2LK684K852KL5
630	400	0.82	42	28.5	16	37.5	8	410	10.5	25	500	1.0	FSA2LK824K862KL5
630	400	1.0	42	28.5	16	37.5	8.5	500	10	25	500	1.0	FSA2LK105K862KL5
630	400	1.5	42	28.5	16	37.5	9.5	750	9	25	500	1.0	FSA2LK155K862KL5
630	400	1.8	42	32	19	37.5	10.5	900	8.5	25	500	1.0	FSA2LK185K212KL5
630	400	2.2	42	40	20	37.5	11.5	1100	8	25	500	1.0	FSA2LK225K242KL5
630	400	2.7	42	40	20	37.5	13	1350	7	25	500	1.0	FSA2LK275K242KL5
630	400	3.3	42	44	24	37.5	14	1650	6	25	500	1.0	FSA2LK335K322KL5
630	400	3.9	42	45	30	37.5	15	1950	5	25	500	1.0	FSA2LK395K422KL5
630	400	4.7	42	50	35	37.5	16	2350	4	25	500	1.0	FSA2LK475K472KL5
1000	600	0.0082	18	11	5	15	1.5	28.7	80	10	3500	0.8	FSA3KK822E142EL5
1000	600	0.01	18	11	5	15	1.8	35	62	12	3500	0.8	FSA3KK103E142EL5
1000	600	0.012	18	11	5	15	2.2	42	52	12	3500	0.8	FSA3KK123E142EL5
1000	600	0.015	18	11	5	15	2.5	52.5	42	12	3500	0.8	FSA3KK153E142EL5
1000	600	0.018	18	11	5	15	2.7	63	35	12	3500	0.8	FSA3KK183E142EL5
1000	600	0.02	18	12	6	15	2.8	70	32	10	3500	0.8	FSA3KK203E172EL5
1000	600	0.022	18	12	6	15	3	77	29	10	3500	0.8	FSA3KK223E172EL5
1000	600	0.027	18	13.5	7.5	15	3.5	94.5	24	12	3500	0.8	FSA3KK273E292EL5
1000	600	0.033	18	13.5	7.5	15	4	115.5	19	12	3500	0.8	FSA3KK333E292EL5
1000	600	0.039	18	14.5	8.5	15	4.5	136.5	16	12	3500	0.8	FSA3KK393E342EL5
1000	600	0.047	18	14.5	8.5	15	4.9	164.5	14	12	3500	0.8	FSA3KK473E342EL5
1000	600	0.027	26	15.5	6	22.5	3.8	56.7	24	15	2100	0.8	FSA3KK273F142FL5
1000	600	0.033	26	15.5	6	22.5	4.3	69.3	19	15	2100	0.8	FSA3KK333F142FL5
1000	600	0.039	26	15.5	6	22.5	4.8	81.9	16	15	2100	0.8	FSA3KK393F142FL5
1000	600	0.047	26	16.5	7	22.5	5	98.7	15	15	2100	0.8	FSA3KK473F172FL5
1000	600	0.056	26	16.5	7	22.5	5.4	117.6	14.5	15	2100	0.8	FSA3KK563F172FL5
1000	600	0.068	26	17	8.5	22.5	5.6	142.8	14	15	2100	0.8	FSA3KK683F202FL5
1000	600	0.082	26	19	10	22.5	5.8	172.2	13.5	15	2100	0.8	FSA3KK823F242FL5
1000	600	0.1	26	19	10	22.5	6	210	13	15	2100	0.8	FSA3KK104F242FL5
1000	600	0.12	26	20	11	22.5	6.5	180	12.5	15	1500	0.8	FSA3KK124F262FL5
1000	600	0.15	26	22	12	22.5	7	225	11	15	1500	0.8	FSA3KK154F272FL5
1000	600	0.1	32	17	8	27.5	4.5	90	25	20	900	0.8	FSA3KK104G142GL5
1000	600	0.12	32	18	9	27.5	4.8	108	22	20	900	0.8	FSA3KK124G152GL5
1000	600	0.15	32	20	11	27.5	5	135	21	20	900	0.8	FSA3KK154G182GL5
1000	600	0.18	32	22	13	27.5	5.5	162	18	20	900	0.8	FSA3KK184G212GL5
1000	600	0.22	32	22	13	27.5	6	198	14	20	900	0.8	FSA3KK224G212GL5
1000	600	0.27	32	24.5	13	27.5	6.5	243	13.5	20	900	0.8	FSA3KK274G222GL5
1000	600	0.33	32	28	14	27.5	7	297	12	20	900	0.8	FSA3KK334G262GL5
1000	600	0.39	32	33	18	27.5	7.5	351	11	20	900	0.8	FSA3KK394G342GL5
1000	600	0.47	32	33	18	27.5	8	423	10	20	900	0.8	FSA3KK474G342GL5

FSA Series - 630Vdc ~ 2000Vdc

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W mm	H mm	T mm	P mm	Irms max (100KHz 70°C) A	Peak Current A	ESR Typical 100KHz mΩ	ESL nH	dv/dt V/us	Lead Wire mm	Part Number
1000	600	0.56	32	37	22	27.5	8.5	504	9	20	900	0.8	FSA3KK564G402GL5
1000	600	0.68	32	37	22	27.5	9.5	612	8	20	900	0.8	FSA3KK684G402GL5
1000	600	0.18	42	22	11	37.5	6	90	18	25	500	1.0	FSA3KK184K852KL5
1000	600	0.22	42	22	11	37.5	6.5	110	14	25	500	1.0	FSA3KK224K852KL5
1000	600	0.27	42	24	13	37.5	6.8	135	13	25	500	1.0	FSA3KK274K112KL5
1000	600	0.33	42	24	13	37.5	7.2	165	12	25	500	1.0	FSA3KK334K112KL5
1000	600	0.39	42	28	17	37.5	7.4	195	11.5	25	500	1.0	FSA3KK394K172KL5
1000	600	0.47	42	28	17	37.5	7.6	235	11	25	500	1.0	FSA3KK474K172KL5
1000	600	0.56	42	28	17	37.5	8	280	10.5	25	500	1.0	FSA3KK564K172KL5
1000	600	0.68	42	32	19	37.5	8.5	340	10	25	500	1.0	FSA3KK684K212KL5
1000	600	0.82	42	40	20	37.5	10	410	9	25	500	1.0	FSA3KK824K242KL5
1000	600	1.0	42	40	20	37.5	11	500	7	25	500	1.0	FSA3KK105K242KL5
1000	600	1.2	42	44	24	37.5	12	600	6.5	25	500	1.0	FSA3KK125K322KL5
1000	600	1.5	42	44	24	37.5	13	750	6	25	500	1.0	FSA3KK155K322KL5
1000	600	1.8	42	45	30	37.5	15	900	5	25	500	1.0	FSA3KK185K422KL5
1000	600	2.2	42	45	30	37.5	16	1100	4	25	500	1.0	FSA3KK225K422KL5
1300	620	0.0082	18	11	5	15	1.7	28.7	95	10	3500	0.8	FSA3SK822E142EL5
1300	620	0.01	18	11	5	15	2	35	65	12	3500	0.8	FSA3SK103E142EL5
1300	620	0.012	18	11	5	15	2.2	42	52	12	3500	0.8	FSA3SK123E142EL5
1300	620	0.015	18	11	5	15	2.5	52.5	42	12	3500	0.8	FSA3SK153E142EL5
1300	620	0.018	18	12	6	15	2.8	63	38	12	3500	0.8	FSA3SK183E172EL5
1300	620	0.02	18	12	6	15	2.9	70	36	10	3500	0.8	FSA3SK203E172EL5
1300	620	0.022	18	13	7	15	3.1	77	32	10	3500	0.8	FSA3SK223E212EL5
1300	620	0.027	18	13.5	7.5	15	3.7	94.5	26	12	3500	0.8	FSA3SK273E292EL5
1300	620	0.033	18	14.5	8.5	15	4	115.5	19	12	3500	0.8	FSA3SK333E342EL5
1300	620	0.039	18	16	9	15	4.5	136.5	16	12	3500	0.8	FSA3SK393E382EL5
1300	620	0.047	18	16	10	15	4.8	164.5	15	12	3500	0.8	FSA3SK473E432EL5
1300	620	0.056	18	19	11	15	5	196	14	12	3500	0.8	FSA3SK563E472EL5
1300	620	0.027	26	15.5	6	22.5	3.5	56.7	24	15	2100	0.8	FSA3SK273F142FL5
1300	620	0.033	26	15.5	6	22.5	4	69.3	19	15	2100	0.8	FSA3SK333F142FL5
1300	620	0.039	26	15.5	6	22.5	4.8	81.9	16	15	2100	0.8	FSA3SK393F142FL5
1300	620	0.047	26	16.5	7	22.5	5	98.7	15	15	2100	0.8	FSA3SK473F172FL5
1300	620	0.056	26	16.5	7	22.5	5.4	117.6	14.5	15	2100	0.8	FSA3SK563F172FL5
1300	620	0.068	26	17	8.5	22.5	6	142.8	14	15	2100	0.8	FSA3SK683F202FL5
1300	620	0.082	26	19	10	22.5	6.5	172.2	13.5	15	2100	0.8	FSA3SKB23F242FL5
1300	620	0.1	26	19	10	22.5	7	210	13	15	2100	0.8	FSA3SK104F242FL5
1300	620	0.12	26	20	11	22.5	6.5	180	12.5	15	1500	0.8	FSA3Sk124F262FL5
1300	620	0.15	26	22	12	22.5	7	225	12	15	1500	0.8	FSA3SK154F272FL5
1300	620	0.18	26	24.5	13	22.5	7.5	270	11	15	1500	0.8	FSA3SK184F302FL5
1300	620	0.22	26	29.5	14.5	22.5	8.5	330	9.5	15	1500	0.8	FSA3SK224F342FL5
1300	620	0.1	32	17	8	27.5	5.8	90	19	20	900	0.8	FSA3SK104G142GL5
1300	620	0.12	32	18	9	27.5	6.2	108	18	20	900	0.8	FSA3SK124G152GL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FSA Series - 630Vdc ~ 2000Vdc

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W mm	H mm	T mm	P mm	Irms max (100KHz 70°C) A	Peak Current A	ESR Typical 100KHz mΩ	ESL nH	dv/dt V/us	Lead Wire mm	Part Number
1300	620	0.15	32	20	11	27.5	6.8	135	15	20	900	0.8	FSA3SK154G182GL5
1300	620	0.18	32	22	13	27.5	7	162	14	20	900	0.8	FSA3SK184G212GL5
1300	620	0.22	32	22	13	27.5	7.5	198	12	20	900	0.8	FSA3SK224G212GL5
1300	620	0.27	32	24	14	27.5	8	243	11	20	900	0.8	FSA3SK274G252GL5
1300	620	0.33	32	28	14	27.5	8.5	297	10	20	900	0.8	FSA3SK334G262GL5
1300	620	0.39	32	30	16	27.5	9	351	9.5	20	900	0.8	FSA3SK394G322GL5
1300	620	0.47	32	33	18	27.5	9.5	423	9	20	900	0.8	FSA3SK474G342GL5
1300	620	0.56	32	37	22	27.5	10	504	8.5	20	900	1.0	FSA3SK564G402GL5
1300	620	0.68	32	37	22	27.5	11	612	8	20	900	0.8	FSA3SK684G402GL5
1300	620	0.18	42	22	11	37.5	5.8	90	19	25	500	1.0	FSA3SK184K852KL5
1300	620	0.22	42	22	11	37.5	6	110	18	25	500	1.0	FSA3Sk224K852KL5
1300	620	0.27	42	24	13	37.5	6.2	135	16.5	25	500	1.0	FSA3SK274K112KL5
1300	620	0.33	42	24	13	37.5	6.5	165	15	25	500	1.0	FSA3SK334K112KL5
1300	620	0.39	42	28	17	37.5	7.4	195	13	25	500	1.0	FSA3SK334K172KL5
1300	620	0.47	42	28	17	37.5	7.6	235	12.5	25	500	1.0	FSA3SK474K172KL5
1300	620	0.56	42	28	17	37.5	8.5	280	11.5	25	500	1.0	FSA3SK564K172KL5
1300	620	0.68	42	32	19	37.5	9	340	11	25	500	1.0	FSA3SK684K212KL5
1300	620	0.82	42	40	20	37.5	10	410	9	25	500	1.0	FSA3SK684K242KL5
1300	620	1.0	42	40	20	37.5	11.5	500	8	25	500	1.0	FSA3SK105K242KL5
1300	620	1.2	42	44	24	37.5	12.5	600	7	25	500	1.0	FSA3SK105K322KL5
1300	620	1.5	42	43	28	37.5	14	750	5.8	25	500	1.0	FSA3SK155K392KL5
1300	620	1.8	42	45	30	37.5	16	900	5	25	500	1.0	FSA3SK185K422KL5
1600	650	0.0033	18	11	5	15	1.1	19.8	190	12	6000	0.8	FSA3WK332E142EL5
1600	650	0.0047	18	11	5	15	1.3	282	165	12	6000	0.8	FSA³WK472E142EL5
1600	650	0.0056	18	11	5	15	1.4	33.6	120	12	6000	0.8	FSA3WK562E142EL5
1600	650	0.0068	18	11	5	15	1.6	40.8	100	12	6000	0.8	FSA3WK682E142EL5
1600	650	0.0082	18	11	5	15	1.8	49.2	95	12	6000	0.8	FSA3WKB22E142EL5
1600	650	0.01	18	11	5	15	2	60	65	12	6000	0.8	FSA3WK103E142EL5
1600	650	0.012	18	12	6	15	2.3	72	50	12	6000	0.8	FSA3WK123E172EL5
1600	650	0.015	18	12	6	15	2.5	90	45	12	6000	0.8	FSA3WK153E172EL5
1600	650	0.018	18	13.5	7.5	15	3	108	35	12	6000	0.8	FSA3WK183E292EL5
1600	650	0.022	18	13.5	7.5	15	3.2	132	30	12	6000	0.8	FSA3WK223E292EL5
1600	650	0.027	18	14.5	8.5	15	3.8	162	25	12	6000	0.8	FSA3WK273E342EL5
1600	650	0.033	18	14.5	8.5	15	4	198	20	12	6000	0.8	FSA3WK333E342EL5
1600	650	0.015	26	15.5	6	22.5	2.8	45	40	15	3000	0.8	FSA3WK153F142FL5
1600	650	0.022	26	15.5	6	22.5	3.5	66	30	15	3000	0.8	FSA3WK223F142FL5
1600	650	0.033	26	15.5	6	22.5	4	99	20	15	3000	0.8	FSA3WK333F142FL5
1600	650	0.039	26	16.5	7	22.5	4.8	117	16	15	3000	0.8	FSA3WK393F172FL5
1600	650	0.047	26	16.5	7	22.5	5.2	141	15	15	3000	0.8	FSA3WK473F172FL5
1600	650	0.056	26	17	8.5	22.5	5.4	168	14	15	3000	0.8	FSA3WK563F202FL5
1600	650	0.068	26	19	10	22.5	5.8	204	13	15	3000	0.8	FSA3WK683F242FL5
1600	650	0.082	26	19	10	22.5	6	246	12	15	3000	0.8	FSA3WK823F242FL5

FSA Series - 630Vdc ~ 2000Vdc

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W mm	H mm	T mm	P mm	Irms max (100KHz 70°C) A	Peak Current A	ESR Typical 100KHz mΩ	ESL nH	dv/dt V/us	Lead Wire mm	Part Number
1600	650	0.1	26	20	11	22.5	6.5	300	11	15	3000	0.8	FSA3WK104F262FL5
1600	650	0.039	32	17	8	27.5	3.8	78	30	20	2000	0.8	FSA3WK393G142GL5
1600	650	0.047	32	17	8	27.5	4	94	29	20	2000	0.8	FSA3WK473G142GL5
1600	650	0.056	32	17	8	27.5	4.5	112	28	20	2000	0.8	FSA3WK563G142GL5
1600	650	0.068	32	18	9	27.5	5	136	24	20	2000	0.8	FSA3WK683G152GL5
1600	650	0.082	32	20	11	27.5	5.5	164	20	20	2000	0.8	FSA3WK823G182GL5
1600	650	0.1	32	22	13	27.5	6	200	18	20	2000	0.8	FSA3WK104G212GL5
1600	650	0.12	32	22	13	27.5	6.5	240	16	20	2000	0.8	FSA3WK124G212GL5
1600	650	0.15	32	24.5	13	27.5	7	300	14	20	2000	0.8	FSA3WK154G222GL5
1600	650	0.18	32	28	14	27.5	7.5	360	12	20	2000	0.8	FSA3WK184G262GL5
1600	650	0.22	32	33	18	27.5	8.5	440	10	20	2000	0.8	FSA3WK224G342GL5
1600	650	0.27	32	33	18	27.5	9	540	9.5	20	2000	0.8	FSA3WK274G342GL5
1600	650	0.33	32	33	18	27.5	10	660	8	20	2000	0.8	FSA3WK334G342GL5
1600	650	0.39	32	37	22	27.5	11	780	7	20	2000	0.8	FSA3WK394G402GL5
1600	650	0.47	32	37	22	27.5	12	940	6	20	2000	0.8	FSA3WK474G402GL5
1600	650	0.082	42	22	11	37.5	4.8	984	28	25	1200	1.0	FSA3WK823K852KL5
1600	650	0.1	42	22	11	37.5	5	120	24	25	1200	1.0	FSA3WK104k852KL5
1600	650	0.12	42	22	11	37.5	5.5	144	22	25	1200	1.0	FSA3WK124K852KL5
1600	650	0.15	42	22	11	37.5	5.8	180	20	25	1200	1.0	FSA3WK154K852KL5
1600	650	0.18	42	24	13	37.5	6	216	18	25	1200	1.0	FSA3WK184K112KL5
1600	650	0.22	42	24	13	37.5	6.2	264	17	25	1200	1.0	FSA3WK224K112KL5
1600	650	0.27	42	24	13	37.5	6.5	324	15	25	1200	1.0	FSA3WK274K112KL5
1600	650	0.33	42	28.5	16	37.5	6.8	396	14	25	1200	1.0	FSA3WK334K862KL5
1600	650	0.39	42	28.5	16	37.5	7.5	468	12.5	25	1200	1.0	FSA3WK394K862KL5
1600	650	0.47	42	32	19	37.5	8	564	12	25	1200	1.0	FSA3WK474K212KL5
1600	650	0.56	42	40	20	37.5	9	672	11	25	1200	1.0	FSA3WK564K242KL5
1600	650	0.68	42	40	20	37.5	9.5	816	10.5	25	1200	1.0	FSA3WK684K242KL5
1600	650	0.82	42	44	24	37.5	10.5	984	9	25	1200	1.0	FSA3WK824K322KL5
1600	650	1	42	44	24	37.5	12	1200	7.5	25	1200	1.0	FSA3WK105K322KL5
1600	650	1.2	42	45	30	37.5	14	1440	6	25	1200	1.0	FSA3WK125K422KL5
2000	700	0.001	18	11	5	15	0.5	9.5	630	12	9500	0.8	FSA3DK102E142EL5
2000	700	0.0012	18	11	5	15	0.6	11.4	500	12	9500	0.8	FSA3DK122E142EL5
2000	700	0.0015	18	11	5	15	0.7	14.25	420	12	9500	0.8	FSA3DK152E142EL5
2000	700	0.0018	18	11	5	15	0.8	17.1	350	12	9500	0.8	FSA3DK182E142EL5
2000	700	0.0022	18	11	5	15	0.9	20.9	300	12	9500	0.8	FSA3DK222E142EL5
2000	700	0.0027	18	11	5	15	1	25.65	240	12	9500	0.8	FSA3DK272E142EL5
2000	700	0.0033	18	11	5	15	1.2	31.35	190	12	9500	0.8	FSA3DK332E142EL5
2000	700	0.0039	18	11	5	15	1.3	37.05	165	12	9500	0.8	FSA3DK392E142EL5
2000	700	0.0047	18	11	5	15	1.4	44.65	135	12	9500	0.8	FSA3DK472E142EL5
2000	700	0.0056	18	12	6	15	1.6	532	110	12	9500	0.8	FSA3DK562E172EL5
2000	700	0.0068	18	12	6	15	1.8	64.6	95	12	9500	0.8	FSA3DK682E172EL5
2000	700	0.0082	18	12	6	15	2	77.9	80	12	9500	0.8	FSA3DK822E172EL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FSA Series - 630Vdc ~ 2000Vdc

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W mm	H mm	T mm	P mm	Irms max (100KHz 70°C) A	Peak Current A	ESR Typical 100KHz mΩ	ESL nH	dv/dt V/us	Lead Wire mm	Part Number
2000	700	0.01	18	13.5	7.5	15	2.5	95	65	12	9500	0.8	FSA3DK103E292EL5
2000	700	0.012	18	14.5	8.5	15	2.8	114	50	12	9500	0.8	FSA3DK123E342EL5
2000	700	0.015	18	14.5	8.5	15	3	142.5	45	12	9500	0.8	FSA3DK153E342EL5
2000	700	0.018	18	16	10	15	3.8	171	35	12	9500	0.8	FSA3DK183E432EL5
2000	700	0.001	26	15.5	6	22.5	0.6	4.5	550	15	4500	0.8	FSA3DK102F142FL5
2000	700	0.0012	26	15.5	6	22.5	0.7	5.4	450	15	4500	0.8	FSA3DK122F142FL5
2000	700	0.0015	26	15.5	6	22.5	0.8	6.75	360	15	4500	0.8	FSA3DK152F142FL5
2000	700	0.0018	26	15.5	6	22.5	0.9	8.1	300	15	4500	0.8	FSA3DK182F142FL5
2000	700	0.0022	26	15.5	6	22.5	1	9.9	250	15	4500	0.8	FSA3DK222F142FL5
2000	700	0.0027	26	15.5	6	22.5	1.2	12.15	230	15	4500	0.8	FSA3DK272F142FL5
2000	700	0.0033	26	15.5	6	22.5	1.2	14.85	200	15	4500	0.8	FSA3DK332F142FL5
2000	700	0.0039	26	15.5	6	22.5	1.4	17.55	180	15	4500	0.8	FSA3DK392F142FL5
2000	700	0.0047	26	15.5	6	22.5	1.6	21.15	140	15	4500	0.8	FSA3DK472F142FL5
2000	700	0.0056	26	15.5	6	22.5	1.8	252	120	15	4500	0.8	FSA3DK562F142FL5
2000	700	0.0068	26	15.5	6	22.5	2	30.6	95	15	4500	0.8	FSA3DK682F142FL5
2000	700	0.0082	26	15.5	6	22.5	2.2	36.9	75	15	4500	0.8	FSA3DK822F142FL5
2000	700	0.01	26	15.5	6	22.5	2.3	45	65	15	4500	0.8	FSA3DK103F142FL5
2000	700	0.012	26	15.5	6	22.5	2.5	54	60	15	4500	0.8	FSA3DK123F142FL5
2000	700	0.015	26	15.5	6	22.5	2.8	67.5	45	15	4500	0.8	FSA3DK153F142FL5
2000	700	0.018	26	15.5	6	22.5	3.2	81	35	15	4500	0.8	FSA3DK183F142FL5
2000	700	0.022	26	16.5	7	22.5	4	99	26	15	4500	0.8	FSA3DK223F172FL5
2000	700	0.027	26	16.5	7	22.5	4.5	121.5	20	15	4500	0.8	FSA3DK273F172FL5
2000	700	0.033	26	17	8.5	22.5	5.2	148.5	18	15	4500	0.8	FSA3DK333F202FL5
2000	700	0.039	26	19	10	22.5	5.8	175.5	15	15	4500	0.8	FSA3DK393F242FL5
2000	700	0.047	26	19	10	22.5	6	211.5	13	15	4500	0.8	FSA3DK473F242FL5
2000	700	0.056	26	20	11	22.5	6.5	252	12	15	4500	0.8	FSA3DK563F262FL5
2000	700	0.022	32	17	8	27.5	3	55	45	20	2500	0.8	FSA3DK223G142GL5
2000	700	0.027	32	17	8	27.5	3.5	67.5	40	20	2500	0.8	FSA3DK273G142GL5
2000	700	0.033	32	18	9	27.5	4	82.5	35	20	2500	0.8	FSA3DK333G152GL5
2000	700	0.039	32	20	11	27.5	4.5	97.5	28	20	2500	0.8	FSA3DK393G182GL5
2000	700	0.047	32	20	11	27.5	4.8	117.5	25	20	2500	0.8	FSA3DK473G182GL5
2000	700	0.056	32	22	13	27.5	5	140	24	20	2500	0.8	FSA3DK563G212GL5
2000	700	0.068	32	22	13	27.5	5.5	170	22	20	2500	0.8	FSA3DK683G212GL5
2000	700	0.082	32	24.5	13	27.5	6	205	20	20	2500	0.8	FSA3DK823G222GL5
2000	700	0.1	32	28	14	27.5	6.5	250	18	20	2500	0.8	FSA3DK104G262GL5
2000	700	0.12	32	33	18	27.5	7	300	16	20	2500	0.8	FSA3DK124G342GL5
2000	700	0.15	32	33	18	27.5	7.5	375	14	20	2500	0.8	FSA3DK154G342GL5
2000	700	0.18	32	37	22	27.5	8	450	12	20	2500	0.8	FSA3DK184G402GL5
2000	700	0.22	32	37	22	27.5	8.5	550	10	20	2500	0.8	FSA3DK224G402GL5
2000	700	0.033	42	22	11	37.5	4	49.5	35	25	1500	1.0	FSA3DK333K852KL5
2000	700	0.039	42	22	11	37.5	4.5	58.5	28	25	1500	1.0	FSA3DK393K852KL5
2000	700	0.047	42	22	11	37.5	4.8	70.5	26	25	1500	1.0	FSA3DK473K852KL5

FSA Series - 630Vdc ~ 2000Vdc

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions				Irms max (100KHz 70°C)	Peak Current	ESR Typical 100KHz	ESL	dv/dt	Lead Wire	Part Number
			W	H	T	P							
			mm	mm	mm	mm	A	A	mΩ	nH	V/us	mm	
2000	700	0.056	42	22	11	37.5	5	84	24	25	1500	1.0	FSA3DK563K852KL5
2000	700	0.068	42	22	11	37.5	5.4	102	23	25	1500	1.0	FSA3DK683K852KL5
2000	700	0.082	42	22	11	37.5	5.8	123	22	25	1500	1.0	FSA3DK823K852KL5
2000	700	0.1	42	24	13	37.5	6.5	150	18	25	1500	1.0	FSA3DK104K112KL5
2000	700	0.12	42	24	13	37.5	7	180	16	25	1500	1.0	FSA3DK124K112KL5
2000	700	0.15	42	28.5	16	37.5	7.5	225	15	25	1500	1.0	FSA3DK154K862KL5
2000	700	0.18	42	28.5	16	37.5	8	270	14	25	1500	1.0	FSA3DK184K862KL5
2000	700	0.22	42	32	19	37.5	8.5	330	12	25	1500	1.0	FSA3DK224K212KL5
2000	700	0.27	42	40	20	37.5	9	405	11	25	1500	1.0	FSA3DK274K242KL5
2000	700	0.33	42	40	20	37.5	9.5	495	10.5	25	1500	1.0	FSA3DK334K242KL5
2000	700	0.39	42	44	24	37.5	10	585	9.5	25	1500	1.0	FSA3DK394K322KL5
2000	700	0.47	42	44	24	37.5	10.5	705	9	25	1500	1.0	FSA3DK474K322KL5
2000	700	0.56	42	45	30	37.5	12	840	7.5	25	1500	1.0	FSA3DK564K422KL5
2000	700	0.68	42	45	30	37.5	14	1020	6	25	1500	1.0	FSA3DK684K422KL5

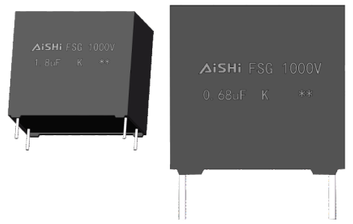
FSG Series - 630Vdc ~ 2000Vdc THB Grade IIIB (85°C 85% 1.0U_{NDC} 1000H)

Overview

The FSG series is constructed of metallized polypropylene film and double-sided metallized film as electrodes with radial leads of tinned wires. The capacitor is encapsulated in plastic cases, sealed with epoxy resin.

概述

FSG系列由金属化聚丙烯膜和双面金属化膜构成，电极采用镀锡丝径向引线。电容器封装在塑料外壳中，用环氧树脂密封。



Applications

Widely used in high frequency and high current, snubber and silicon-controlled rectifier commutation circuits as well as high voltage high current applications.

应用

广泛用于高频和高电流、缓冲器和硅控制整流器换向电路以及高压大电流应用。

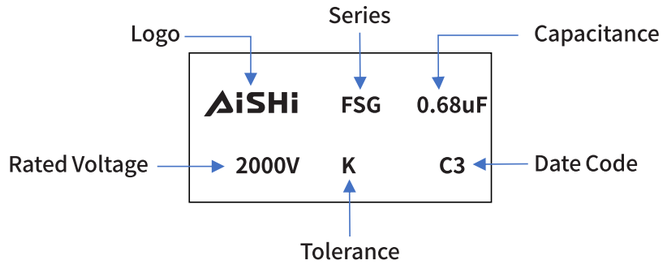
Features

- High ripple current
- Self-healing property
- High contact reliability
- Suitable for high frequency applications
- Negative temperature coefficient of capacitance
- Operating temperature range: -55°C to +105°C
- Suitable for harsh environment conditions
- THB Grade IIIB (85°C, 85% RH, 1000h at U_{NDC})

特点

- 高纹波电流
- 良好的自愈能力
- 高可靠性
- 适合高频应用
- 电容量负温度系数
- 工作温度范围：-55°C至+105°C
- 适用于严苛环境
- THB IIIB等级(符合85°C 85%RH 1.0Un 1000 小时测试要求)

Marking标识



FSG Series - 630Vdc ~ 2000Vdc THB Grade IIIB (85°C 85% 1.0U_{NDC} 1000H)

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	SA	3D	K	684	K42	2KL	5
Capacitor Type	Series	Voltage (VDC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	DC Film, Double Sided Metallized PP Film	630=2L 1000=3K 1200=3B 1600=3W 2000=3D	J = ±5% K = ±10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Code Table

Terminal Code
引出端代码

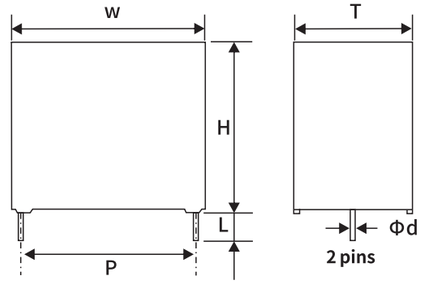
Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	N/A	L
2 leads for straight cut	2	12.5mm	D		
2 leads for forming cut	E	15.0mm	E		
2 leads for taping forming	T	22.5mm	F		
2 leads for taping straight	V	27.5mm	G		
		37.5mm	K		

Lead Length Code
引出端长度代码

Lead Length	
3.2mm	1
3.5mm	2
3.0mm	3
4.0mm	4
5.0mm	5
Taping	T
N/A	N

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FSG Series - 630Vdc ~ 2000Vdc THB Grade IIIB (85°C 85% 1.0U_{NDC} 1000H)

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Ød	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	2 Leads	Tolerance
C11	13.0	0.5	9.0	0.5	4.0	0.5	10.0	0.5	0.6	0.05
C13	13.0	0.5	11.0	0.5	5.0	0.5	10.0	0.5	0.6	0.05
C16	13.0	0.5	12.0	0.5	6.0	0.5	10.0	0.5	0.6	0.05
C24	13.0	0.5	13.0	0.5	7.0	0.5	10.0	0.5	0.6	0.05
E14	18.0	0.5	11.0	0.5	5.0	0.5	15.0	0.5	0.6	0.05
E17	18.0	0.5	12.0	0.5	6.0	0.5	15.0	0.5	0.6	0.05
E29	18.0	0.5	13.5	0.5	7.5	0.5	15.0	0.5	0.8	0.05
E34	18.0	0.5	14.5	0.5	8.5	0.5	15.0	0.5	0.8	0.05
E43	18.0	0.5	16.0	0.5	10.0	0.5	15.0	0.5	0.8	0.05
E47	18.0	0.5	19.0	0.5	11.0	0.5	15.0	0.5	0.8	0.05
F17	26.0	0.5	16.5	0.5	7.0	0.5	22.5	0.5	0.8	0.05
F20	26.0	0.5	17.0	0.5	8.5	0.5	22.5	0.5	0.8	0.05
F24	26.0	0.5	19.0	0.5	10.0	0.5	22.5	0.5	0.8	0.05
F26	26.0	0.5	20.0	0.5	11.0	0.5	22.5	0.5	0.8	0.05
F27	26.0	0.5	22.0	0.5	12.0	0.5	22.5	0.5	0.8	0.05
G18	32.0	0.8	20.0	0.8	11.0	0.8	27.5	0.5	0.8	0.05
G21	32.0	0.8	22.0	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G22	32.0	0.8	24.5	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G26	32.0	0.8	28.0	0.8	14.0	0.8	27.5	0.5	0.8	0.05
G34	32.0	0.8	33.0	0.8	18.0	0.8	27.5	0.5	0.8	0.05
G40	32.0	0.8	37.0	0.8	22.0	0.8	27.5	0.5	0.8	0.05
K21	42.5	0.8	32.0	0.8	19.0	0.8	37.5	0.5	1.0	0.05
K24	42.5	0.8	40.0	0.8	20.0	0.8	37.5	0.5	1.0	0.05
K32	42.5	0.8	44.0	0.8	24.0	0.8	37.5	0.5	1.0	0.05
K42	42.5	0.8	45.0	0.8	30.0	0.8	37.5	0.5	1.0	0.05

FSG Series - 630Vdc ~ 2000Vdc THB Grade IIIB (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W mm	H mm	T mm	P mm	Irms max (100KHz 70°C) A	Peak Current A	ESR Typical 100KHz mΩ	ESL nH	dv/dt V/us	Lead Wire mm	Part Number
630	400	0.01	18	11	5	15	1.8	30	62	12	3000	0.8	FSG2LK103E142EL5
630	400	0.012	18	11	5	15	2.2	36	52	12	3000	0.8	FSG2LK123E142EL5
630	400	0.015	18	11	5	15	2.5	45	42	12	3000	0.8	FSG2LK153E142EL5
630	400	0.018	18	11	5	15	2.7	54	35	12	3000	0.8	FSG2LK183E142EL5
630	400	0.02	18	11	5	15	2.8	60	32	12	3000	0.8	FSG2LK203E142EL5
630	400	0.022	18	11	5	15	2.9	66	30	12	3000	0.8	FSG2LK223E142EL5
630	400	0.027	18	12	6	15	3.2	81	25	12	3000	0.8	FSG2LK273E172EL5
630	400	0.033	18	12	6	15	3.7	99	20	12	3000	0.8	FSG2LK333E172EL5
630	400	0.039	18	12	6	15	3.9	117	16	12	3000	0.8	FSG2LK393E172EL5
630	400	0.047	18	13.5	7.5	15	4.5	141	15	12	3000	0.8	FSG2LK473E292EL5
630	400	0.056	18	13.5	7.5	15	4.6	168	14	12	3000	0.8	FSG2LK563E292EL5
630	400	0.068	18	14.5	8.5	15	4.7	204	13.5	12	3000	0.8	FSG2LK683E342EL5
630	400	0.082	18	16	10	15	4.8	246	13.2	12	3000	0.8	FSG2L823E432EL5
630	400	0.1	18	16	10	15	5	300	13	12	3000	0.8	FSG2LK104E432EL5
630	400	0.12	18	19	11	15	5.4	360	12.5	12	3000	0.8	FSG2LK124E472EL5
630	400	0.047	26	15.5	6	22.5	3.8	70.5	20	15	1500	0.8	FSG2LK473F142FL5
630	400	0.056	26	15.5	6	22.5	4	84	19.5	15	1500	0.8	FSG2LK563F142FL5
630	400	0.068	26	15.5	6	22.5	4.2	102	19	15	1500	0.8	FSG2LK683F142FL5
630	400	0.082	26	15.5	6	22.5	4.5	123	18	15	1500	0.8	FSG2LK823F142FL5
630	400	0.1	26	15.5	6	22.5	5	150	16	15	1500	0.8	FSG2LK104F142FL5
630	400	0.12	26	16.5	7	22.5	5.3	180	14	15	1500	0.8	FSG2LK124F172FL5
630	400	0.15	26	17	8.5	22.5	6	225	11	15	1500	0.8	FSG2LK154F202FL5
630	400	0.18	26	17	8.5	22.5	6.5	270	10	15	1500	0.8	FSG2LK184F202FL5
630	400	0.22	26	19	10	22.5	7.5	330	8.5	15	1500	0.8	FSG2LK224F242FL5
630	400	0.27	26	20	11	22.5	8.5	405	6.5	15	1500	0.8	FSG2LK274F262FL5
630	400	0.33	26	20	11	22.5	9	495	6	15	1500	0.8	FSG2LK334F262FL5
630	400	0.39	26	22	12	22.5	10	585	5	15	1500	0.8	FSG2LK394F272FL5
630	400	0.15	32	17	8	27.5	4.6	135	25	20	900	0.8	FSG2LK154G142GL5
630	400	0.18	32	17	8	27.5	4.8	162	22	20	900	0.8	FSG2LK184G142GL5
630	400	0.22	32	18	9	27.5	5	198	20	20	900	0.8	FSG2LK224G152GL5
630	400	0.27	32	20	11	27.5	5.5	243	17.5	20	900	0.8	FSG2LK274G182GL5
630	400	0.33	32	20	11	27.5	5.8	297	16.5	20	900	0.8	FSG2LK334G182GL5
630	400	0.39	32	20	11	27.5	6	351	16	20	900	0.8	FSG2LK394G182GL5
630	400	0.47	32	22	13	27.5	6.5	423	14	20	900	0.8	FSG2LK474G212GL5
630	400	0.56	32	22	13	27.5	7	504	12	20	900	0.8	FSG2LK564G212GL5
630	400	0.68	32	24.5	13	27.5	7.5	612	10.5	20	900	0.8	FSG2LK684G222GL5
630	400	0.82	32	28	14	27.5	8.5	738	9	20	900	0.8	FSG2LK824G262GL5
630	400	1	32	33	18	27.5	10	900	7	20	900	0.8	FSG2LK105G342GL5
630	400	1.2	32	33	18	27.5	13	1080	6	20	900	0.8	FSG2LK125G342GL5
630	400	1.5	32	37	22	27.5	15	1350	5	20	900	0.8	FSG2LK155G402GL5
630	400	1.8	32	37	22	27.5	16	1620	4	20	900	0.8	FSG2LK185G402GL5
630	400	0.33	42	22	11	37.5	6.8	165	13	25	500	1.0	FSG2LK334K852KL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FSG Series - 630Vdc ~ 2000Vdc THB Grade IIIB (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W mm	H mm	T mm	P mm	Irms max (100KHz 70°C) A	Peak Current A	ESR Typical 100KHz mΩ	ESL nH	dv/dt V/us	Lead Wire mm	Part Number
630	400	0.47	42	22	11	37.5	7	235	12.5	25	500	1.0	FSG2LK474k852KL5
630	400	0.56	42	22	11	37.5	7.5	280	11	25	500	1.0	FSG2LK564K852KL5
630	400	0.68	42	22	11	37.5	8	340	10.5	25	500	1.0	FSG2LK684K852KL5
630	400	0.82	42	28.5	16	37.5	8	410	10.5	25	500	1.0	FSG2LK824K862KL5
630	400	1.0	42	28.5	16	37.5	8.5	500	10	25	500	1.0	FSG2LK105K862KL5
630	400	1.5	42	28.5	16	37.5	9.5	750	9	25	500	1.0	FSG2LK155K862KL5
630	400	1.8	42	32	19	37.5	10.5	900	8.5	25	500	1.0	FSG2LK185K212KL5
630	400	2.2	42	40	20	37.5	11.5	1100	8	25	500	1.0	FSG2LK225K242KL5
630	400	2.7	42	40	20	37.5	13	1350	7	25	500	1.0	FSG2LK275K242KL5
630	400	3.3	42	44	24	37.5	14	1650	6	25	500	1.0	FSG2LK335K322KL5
630	400	3.9	42	45	30	37.5	15	1950	5	25	500	1.0	FSG2LK395K422KL5
630	400	4.7	42	50	35	37.5	16	2350	4	25	500	1.0	FSG2LK475K472KL5
1000	600	0.0082	18	11	5	15	1.5	28.7	80	10	3500	0.8	FSG3KK822E142EL5
1000	600	0.01	18	11	5	15	1.8	35	62	12	3500	0.8	FSG3KK103E142EL5
1000	600	0.012	18	11	5	15	2.2	42	52	12	3500	0.8	FSG3KK123E142EL5
1000	600	0.015	18	11	5	15	2.5	52.5	42	12	3500	0.8	FSG3KK153E142EL5
1000	600	0.018	18	11	5	15	2.7	63	35	12	3500	0.8	FSG3KK183E142EL5
1000	600	0.02	18	12	6	15	2.8	70	32	10	3500	0.8	FSG3KK203E172EL5
1000	600	0.022	18	12	6	15	3	77	29	10	3500	0.8	FSG3KK223E172EL5
1000	600	0.027	18	13.5	7.5	15	3.5	94.5	24	12	3500	0.8	FSG3KK273E292EL5
1000	600	0.033	18	13.5	7.5	15	4	115.5	19	12	3500	0.8	FSG3KK333E292EL5
1000	600	0.039	18	14.5	8.5	15	4.5	136.5	16	12	3500	0.8	FSG3KK393E342EL5
1000	600	0.047	18	14.5	8.5	15	4.9	164.5	14	12	3500	0.8	FSG3KK473E342EL5
1000	600	0.027	26	15.5	6	22.5	3.8	56.7	24	15	2100	0.8	FSG3KK273F142FL5
1000	600	0.033	26	15.5	6	22.5	4.3	69.3	19	15	2100	0.8	FSG3KK333F142FL5
1000	600	0.039	26	15.5	6	22.5	4.8	81.9	16	15	2100	0.8	FSG3KK393F142FL5
1000	600	0.047	26	16.5	7	22.5	5	98.7	15	15	2100	0.8	FSG3KK473F172FL5
1000	600	0.056	26	16.5	7	22.5	5.4	117.6	14.5	15	2100	0.8	FSG3KK563F172FL5
1000	600	0.068	26	17	8.5	22.5	5.6	142.8	14	15	2100	0.8	FSG3KK683F202FL5
1000	600	0.082	26	19	10	22.5	5.8	172.2	13.5	15	2100	0.8	FSG3KK823F242FL5
1000	600	0.1	26	19	10	22.5	6	210	13	15	2100	0.8	FSG3KK104F242FL5
1000	600	0.12	26	20	11	22.5	6.5	180	12.5	15	1500	0.8	FSG3KK124F262FL5
1000	600	0.15	26	22	12	22.5	7	225	11	15	1500	0.8	FSG3KK154F272FL5
1000	600	0.1	32	17	8	27.5	4.5	90	25	20	900	0.8	FSG3KK104G142GL5
1000	600	0.12	32	18	9	27.5	4.8	108	22	20	900	0.8	FSG3KK124G152GL5
1000	600	0.15	32	20	11	27.5	5	135	21	20	900	0.8	FSG3KK154G182GL5
1000	600	0.18	32	22	13	27.5	5.5	162	18	20	900	0.8	FSG3KK184G212GL5
1000	600	0.22	32	22	13	27.5	6	198	14	20	900	0.8	FSG3KK224G212GL5
1000	600	0.27	32	24.5	13	27.5	6.5	243	13.5	20	900	0.8	FSG3KK274G222GL5
1000	600	0.33	32	28	14	27.5	7	297	12	20	900	0.8	FSG3KK334G262GL5
1000	600	0.39	32	33	18	27.5	7.5	351	11	20	900	0.8	FSG3KK394G342GL5
1000	600	0.47	32	33	18	27.5	8	423	10	20	900	0.8	FSG3KK474G342GL5

FSG Series - 630Vdc ~ 2000Vdc THB Grade IIIB (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W	H	T	P	Irms max (100KHz 70°C)	Peak Current	ESR Typical 100KHz	ESL	dv/dt	Lead Wire	Part Number
			mm	mm	mm	mm	A	A	mΩ	nH	V/us	mm	
1000	600	0.56	32	37	22	27.5	8.5	504	9	20	900	0.8	FSG3KK564G402GL5
1000	600	0.68	32	37	22	27.5	9.5	612	8	20	900	0.8	FSG3KK684G402GL5
1000	600	0.18	42	22	11	37.5	6	90	18	25	500	1.0	FSG3KK184K852KL5
1000	600	0.22	42	22	11	37.5	6.5	110	14	25	500	1.0	FSG3KK224K852KL5
1000	600	0.27	42	24	13	37.5	6.8	135	13	25	500	1.0	FSG3KK274K112KL5
1000	600	0.33	42	24	13	37.5	7.2	165	12	25	500	1.0	FSG3KK334K112KL5
1000	600	0.39	42	28	17	37.5	7.4	195	11.5	25	500	1.0	FSG3KK394K172KL5
1000	600	0.47	42	28	17	37.5	7.6	235	11	25	500	1.0	FSG3KK474K172KL5
1000	600	0.56	42	28	17	37.5	8	280	10.5	25	500	1.0	FSG3KK564K172KL5
1000	600	0.68	42	32	19	37.5	8.5	340	10	25	500	1.0	FSG3KK684K212KL5
1000	600	0.82	42	40	20	37.5	10	410	9	25	500	1.0	FSG3KK824K242KL5
1000	600	1.0	42	40	20	37.5	11	500	7	25	500	1.0	FSG3KK105K242KL5
1000	600	1.2	42	44	24	37.5	12	600	6.5	25	500	1.0	FSG3KK125K322KL5
1000	600	1.5	42	44	24	37.5	13	750	6	25	500	1.0	FSG3KK155K322KL5
1000	600	1.8	42	45	30	37.5	15	900	5	25	500	1.0	FSG3KK185K422KL5
1000	600	2.2	42	45	30	37.5	16	1100	4	25	500	1.0	FSG3KK225K422KL5
1300	620	0.0082	18	11	5	15	1.7	28.7	95	10	3500	0.8	FSG3SK822E142EL5
1300	620	0.01	18	11	5	15	2	35	65	12	3500	0.8	FSG3SK103E142EL5
1300	620	0.012	18	11	5	15	2.2	42	52	12	3500	0.8	FSG3SK123E142EL5
1300	620	0.015	18	11	5	15	2.5	52.5	42	12	3500	0.8	FSG3SK153E142EL5
1300	620	0.018	18	12	6	15	2.8	63	38	12	3500	0.8	FSG3SK183E172EL5
1300	620	0.02	18	12	6	15	2.9	70	36	10	3500	0.8	FSG3SK203E172EL5
1300	620	0.022	18	13	7	15	3.1	77	32	10	3500	0.8	FSG3SK223E212EL5
1300	620	0.027	18	13.5	7.5	15	3.7	94.5	26	12	3500	0.8	FSG3SK273E292EL5
1300	620	0.033	18	14.5	8.5	15	4	115.5	19	12	3500	0.8	FSG3SK333E342EL5
1300	620	0.039	18	16	9	15	4.5	136.5	16	12	3500	0.8	FSG3SK393E382EL5
1300	620	0.047	18	16	10	15	4.8	164.5	15	12	3500	0.8	FSG3SK473E432EL5
1300	620	0.056	18	19	11	15	5	196	14	12	3500	0.8	FSG3SK563E472EL5
1300	620	0.027	26	15.5	6	22.5	3.5	56.7	24	15	2100	0.8	FSG3SK273F142FL5
1300	620	0.033	26	15.5	6	22.5	4	69.3	19	15	2100	0.8	FSG3SK333F142FL5
1300	620	0.039	26	15.5	6	22.5	4.8	81.9	16	15	2100	0.8	FSG3SK393F142FL5
1300	620	0.047	26	16.5	7	22.5	5	98.7	15	15	2100	0.8	FSG3SK473F172FL5
1300	620	0.056	26	16.5	7	22.5	5.4	117.6	14.5	15	2100	0.8	FSG3SK563F172FL5
1300	620	0.068	26	17	8.5	22.5	6	142.8	14	15	2100	0.8	FSG3SK683F202FL5
1300	620	0.082	26	19	10	22.5	6.5	172.2	13.5	15	2100	0.8	FSG3SKB23F242FL5
1300	620	0.1	26	19	10	22.5	7	210	13	15	2100	0.8	FSG3SK104F242FL5
1300	620	0.12	26	20	11	22.5	6.5	180	12.5	15	1500	0.8	FSG3Sk124F262FL5
1300	620	0.15	26	22	12	22.5	7	225	12	15	1500	0.8	FSG3SK154F272FL5
1300	620	0.18	26	24.5	13	22.5	7.5	270	11	15	1500	0.8	FSG3SK184F302FL5
1300	620	0.22	26	29.5	14.5	22.5	8.5	330	9.5	15	1500	0.8	FSG3SK224F342FL5
1300	620	0.1	32	17	8	27.5	5.8	90	19	20	900	0.8	FSG3SK104G142GL5
1300	620	0.12	32	18	9	27.5	6.2	108	18	20	900	0.8	FSG3SK124G152GL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FSG Series - 630Vdc ~ 2000Vdc THB Grade IIIB (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W	H	T	P	Irms max (100KHz 70°C)	Peak Current	ESR Typical 100KHz	ESL	dv/dt	Lead Wire	Part Number
			mm	mm	mm	mm	A	A	mΩ	nH	V/us	mm	
1300	620	0.15	32	20	11	27.5	6.8	135	15	20	900	0.8	FSG3SK154G182GL5
1300	620	0.18	32	22	13	27.5	7	162	14	20	900	0.8	FSG3SK184G212GL5
1300	620	0.22	32	22	13	27.5	7.5	198	12	20	900	0.8	FSG3SK224G212GL5
1300	620	0.27	32	24	14	27.5	8	243	11	20	900	0.8	FSG3SK274G252GL5
1300	620	0.33	32	28	14	27.5	8.5	297	10	20	900	0.8	FSG3SK334G262GL5
1300	620	0.39	32	30	16	27.5	9	351	9.5	20	900	0.8	FSG3SK394G322GL5
1300	620	0.47	32	33	18	27.5	9.5	423	9	20	900	0.8	FSG3SK474G342GL5
1300	620	0.56	32	37	22	27.5	10	504	8.5	20	900	1.0	FSG3SK564G402GL5
1300	620	0.68	32	37	22	27.5	11	612	8	20	900	0.8	FSG3SK684G402GL5
1300	620	0.18	42	22	11	37.5	5.8	90	19	25	500	1.0	FSG3SK184K852KL5
1300	620	0.22	42	22	11	37.5	6	110	18	25	500	1.0	FSG3Sk224K852KL5
1300	620	0.27	42	24	13	37.5	6.2	135	16.5	25	500	1.0	FSG3SK274K112KL5
1300	620	0.33	42	24	13	37.5	6.5	165	15	25	500	1.0	FSG3SK334K112KL5
1300	620	0.39	42	28	17	37.5	7.4	195	13	25	500	1.0	FSG3SK334K172KL5
1300	620	0.47	42	28	17	37.5	7.6	235	12.5	25	500	1.0	FSG3SK474K172KL5
1300	620	0.56	42	28	17	37.5	8.5	280	11.5	25	500	1.0	FSG3SK564K172KL5
1300	620	0.68	42	32	19	37.5	9	340	11	25	500	1.0	FSG3SK684K212KL5
1300	620	0.82	42	40	20	37.5	10	410	9	25	500	1.0	FSG3SK684K242KL5
1300	620	1.0	42	40	20	37.5	11.5	500	8	25	500	1.0	FSG3SK105K242KL5
1300	620	1.2	42	44	24	37.5	12.5	600	7	25	500	1.0	FSG3SK105K322KL5
1300	620	1.5	42	43	28	37.5	14	750	5.8	25	500	1.0	FSG3SK155K392KL5
1300	620	1.8	42	45	30	37.5	16	900	5	25	500	1.0	FSG3SK185K422KL5
1600	650	0.0033	18	11	5	15	1.1	19.8	190	12	6000	0.8	FSG3WK332E142EL5
1600	650	0.0047	18	11	5	15	1.3	282	165	12	6000	0.8	FSG3WK472E142EL5
1600	650	0.0056	18	11	5	15	1.4	33.6	120	12	6000	0.8	FSG3WK562E142EL5
1600	650	0.0068	18	11	5	15	1.6	40.8	100	12	6000	0.8	FSG3WK682E142EL5
1600	650	0.0082	18	11	5	15	1.8	49.2	95	12	6000	0.8	FSG3WKB22E142EL5
1600	650	0.01	18	11	5	15	2	60	65	12	6000	0.8	FSG3WK103E142EL5
1600	650	0.012	18	12	6	15	2.3	72	50	12	6000	0.8	FSG3WK123E172EL5
1600	650	0.015	18	12	6	15	2.5	90	45	12	6000	0.8	FSG3WK153E172EL5
1600	650	0.018	18	13.5	7.5	15	3	108	35	12	6000	0.8	FSG3WK183E292EL5
1600	650	0.022	18	13.5	7.5	15	3.2	132	30	12	6000	0.8	FSG3WK223E292EL5
1600	650	0.027	18	14.5	8.5	15	3.8	162	25	12	6000	0.8	FSG3WK273E342EL5
1600	650	0.033	18	14.5	8.5	15	4	198	20	12	6000	0.8	FSG3WK333E342EL5
1600	650	0.015	26	15.5	6	22.5	2.8	45	40	15	3000	0.8	FSG3WK153F142FL5
1600	650	0.022	26	15.5	6	22.5	3.5	66	30	15	3000	0.8	FSG3WK223F142FL5
1600	650	0.033	26	15.5	6	22.5	4	99	20	15	3000	0.8	FSG3WK333F142FL5
1600	650	0.039	26	16.5	7	22.5	4.8	117	16	15	3000	0.8	FSG3WK393F172FL5
1600	650	0.047	26	16.5	7	22.5	5.2	141	15	15	3000	0.8	FSG3WK473F172FL5
1600	650	0.056	26	17	8.5	22.5	5.4	168	14	15	3000	0.8	FSG3WK563F202FL5
1600	650	0.068	26	19	10	22.5	5.8	204	13	15	3000	0.8	FSG3WK683F242FL5
1600	650	0.082	26	19	10	22.5	6	246	12	15	3000	0.8	FSG3WK823F242FL5

FSG Series - 630Vdc ~ 2000Vdc THB Grade IIIB (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W mm	H mm	T mm	P mm	Irms max (100KHz 70°C) A	Peak Current A	ESR Typical 100KHz mΩ	ESL nH	dv/dt V/us	Lead Wire mm	Part Number
1600	650	0.1	26	20	11	22.5	6.5	300	11	15	3000	0.8	FSG3WK104F262FL5
1600	650	0.039	32	17	8	27.5	3.8	78	30	20	2000	0.8	FSG3WK393G142GL5
1600	650	0.047	32	17	8	27.5	4	94	29	20	2000	0.8	FSG3WK473G142GL5
1600	650	0.056	32	17	8	27.5	4.5	112	28	20	2000	0.8	FSG3WK563G142GL5
1600	650	0.068	32	18	9	27.5	5	136	24	20	2000	0.8	FSG3WK683G152GL5
1600	650	0.082	32	20	11	27.5	5.5	164	20	20	2000	0.8	FSG3WK823G182GL5
1600	650	0.1	32	22	13	27.5	6	200	18	20	2000	0.8	FSG3WK104G212GL5
1600	650	0.12	32	22	13	27.5	6.5	240	16	20	2000	0.8	FSG3WK124G212GL5
1600	650	0.15	32	24.5	13	27.5	7	300	14	20	2000	0.8	FSG3WK154G222GL5
1600	650	0.18	32	28	14	27.5	7.5	360	12	20	2000	0.8	FSG3WK184G262GL5
1600	650	0.22	32	33	18	27.5	8.5	440	10	20	2000	0.8	FSG3WK224G342GL5
1600	650	0.27	32	33	18	27.5	9	540	9.5	20	2000	0.8	FSG3WK274G342GL5
1600	650	0.33	32	33	18	27.5	10	660	8	20	2000	0.8	FSG3WK334G342GL5
1600	650	0.39	32	37	22	27.5	11	780	7	20	2000	0.8	FSG3WK394G402GL5
1600	650	0.47	32	37	22	27.5	12	940	6	20	2000	0.8	FSG3WK474G402GL5
1600	650	0.082	42	22	11	37.5	4.8	984	28	25	1200	1.0	FSG3WK823K852KL5
1600	650	0.1	42	22	11	37.5	5	120	24	25	1200	1.0	FSG3WK104k852KL5
1600	650	0.12	42	22	11	37.5	5.5	144	22	25	1200	1.0	FSG3WK124K852KL5
1600	650	0.15	42	22	11	37.5	5.8	180	20	25	1200	1.0	FSG3WK154K852KL5
1600	650	0.18	42	24	13	37.5	6	216	18	25	1200	1.0	FSG3WK184K112KL5
1600	650	0.22	42	24	13	37.5	6.2	264	17	25	1200	1.0	FSG3WK224K112KL5
1600	650	0.27	42	24	13	37.5	6.5	324	15	25	1200	1.0	FSG3WK274K112KL5
1600	650	0.33	42	28.5	16	37.5	6.8	396	14	25	1200	1.0	FSG3WK334K862KL5
1600	650	0.39	42	28.5	16	37.5	7.5	468	12.5	25	1200	1.0	FSG3WK394K862KL5
1600	650	0.47	42	32	19	37.5	8	564	12	25	1200	1.0	FSG3WK474K212KL5
1600	650	0.56	42	40	20	37.5	9	672	11	25	1200	1.0	FSG3WK564K242KL5
1600	650	0.68	42	40	20	37.5	9.5	816	10.5	25	1200	1.0	FSG3WK684K242KL5
1600	650	0.82	42	44	24	37.5	10.5	984	9	25	1200	1.0	FSG3WK824K322KL5
1600	650	1	42	44	24	37.5	12	1200	7.5	25	1200	1.0	FSG3WK105K322KL5
1600	650	1.2	42	45	30	37.5	14	1440	6	25	1200	1.0	FSG3WK125K422KL5
2000	700	0.001	18	11	5	15	0.5	9.5	630	12	9500	0.8	FSG3DK102E142EL5
2000	700	0.0012	18	11	5	15	0.6	11.4	500	12	9500	0.8	FSG3DK122E142EL5
2000	700	0.0015	18	11	5	15	0.7	14.25	420	12	9500	0.8	FSG3DK152E142EL5
2000	700	0.0018	18	11	5	15	0.8	17.1	350	12	9500	0.8	FSG3DK182E142EL5
2000	700	0.0022	18	11	5	15	0.9	20.9	300	12	9500	0.8	FSG3DK222E142EL5
2000	700	0.0027	18	11	5	15	1	25.65	240	12	9500	0.8	FSG3DK272E142EL5
2000	700	0.0033	18	11	5	15	1.2	31.35	190	12	9500	0.8	FSG3DK332E142EL5
2000	700	0.0039	18	11	5	15	1.3	37.05	165	12	9500	0.8	FSG3DK392E142EL5
2000	700	0.0047	18	11	5	15	1.4	44.65	135	12	9500	0.8	FSG3DK472E142EL5
2000	700	0.0056	18	12	6	15	1.6	532	110	12	9500	0.8	FSG3DK562E172EL5
2000	700	0.0068	18	12	6	15	1.8	64.6	95	12	9500	0.8	FSG3DK682E172EL5
2000	700	0.0082	18	12	6	15	2	77.9	80	12	9500	0.8	FSG3DK822E172EL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FSG Series - 630Vdc ~ 2000Vdc THB Grade IIIB (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W mm	H mm	T mm	P mm	Irms max (100KHz 70°C) A	Peak Current A	ESR Typical 100KHz mΩ	ESL nH	dv/dt V/us	Lead Wire mm	Part Number
2000	700	0.01	18	13.5	7.5	15	2.5	95	65	12	9500	0.8	FSG3DK103E292EL5
2000	700	0.012	18	14.5	8.5	15	2.8	114	50	12	9500	0.8	FSG3DK123E342EL5
2000	700	0.015	18	14.5	8.5	15	3	142.5	45	12	9500	0.8	FSG3DK153E342EL5
2000	700	0.018	18	16	10	15	3.8	171	35	12	9500	0.8	FSG3DK183E432EL5
2000	700	0.001	26	15.5	6	22.5	0.6	4.5	550	15	4500	0.8	FSG3DK102F142FL5
2000	700	0.0012	26	15.5	6	22.5	0.7	5.4	450	15	4500	0.8	FSG3DK122F142FL5
2000	700	0.0015	26	15.5	6	22.5	0.8	6.75	360	15	4500	0.8	FSG3DK152F142FL5
2000	700	0.0018	26	15.5	6	22.5	0.9	8.1	300	15	4500	0.8	FSG3DK182F142FL5
2000	700	0.0022	26	15.5	6	22.5	1	9.9	250	15	4500	0.8	FSG3DK222F142FL5
2000	700	0.0027	26	15.5	6	22.5	1.2	12.15	230	15	4500	0.8	FSG3DK272F142FL5
2000	700	0.0033	26	15.5	6	22.5	1.2	14.85	200	15	4500	0.8	FSG3DK332F142FL5
2000	700	0.0039	26	15.5	6	22.5	1.4	17.55	180	15	4500	0.8	FSG3DK392F142FL5
2000	700	0.0047	26	15.5	6	22.5	1.6	21.15	140	15	4500	0.8	FSG3DK472F142FL5
2000	700	0.0056	26	15.5	6	22.5	1.8	252	120	15	4500	0.8	FSG3DK562F142FL5
2000	700	0.0068	26	15.5	6	22.5	2	30.6	95	15	4500	0.8	FSG3DK682F142FL5
2000	700	0.0082	26	15.5	6	22.5	2.2	36.9	75	15	4500	0.8	FSG3DK822F142FL5
2000	700	0.01	26	15.5	6	22.5	2.3	45	65	15	4500	0.8	FSG3DK103F142FL5
2000	700	0.012	26	15.5	6	22.5	2.5	54	60	15	4500	0.8	FSG3DK123F142FL5
2000	700	0.015	26	15.5	6	22.5	2.8	67.5	45	15	4500	0.8	FSG3DK153F142FL5
2000	700	0.018	26	15.5	6	22.5	3.2	81	35	15	4500	0.8	FSG3DK183F142FL5
2000	700	0.022	26	16.5	7	22.5	4	99	26	15	4500	0.8	FSG3DK223F172FL5
2000	700	0.027	26	16.5	7	22.5	4.5	121.5	20	15	4500	0.8	FSG3DK273F172FL5
2000	700	0.033	26	17	8.5	22.5	5.2	148.5	18	15	4500	0.8	FSG3DK333F202FL5
2000	700	0.039	26	19	10	22.5	5.8	175.5	15	15	4500	0.8	FSG3DK393F242FL5
2000	700	0.047	26	19	10	22.5	6	211.5	13	15	4500	0.8	FSG3DK473F242FL5
2000	700	0.056	26	20	11	22.5	6.5	252	12	15	4500	0.8	FSG3DK563F262FL5
2000	700	0.022	32	17	8	27.5	3	55	45	20	2500	0.8	FSG3DK223G142GL5
2000	700	0.027	32	17	8	27.5	3.5	67.5	40	20	2500	0.8	FSG3DK273G142GL5
2000	700	0.033	32	18	9	27.5	4	82.5	35	20	2500	0.8	FSG3DK333G152GL5
2000	700	0.039	32	20	11	27.5	4.5	97.5	28	20	2500	0.8	FSG3DK393G182GL5
2000	700	0.047	32	20	11	27.5	4.8	117.5	25	20	2500	0.8	FSG3DK473G182GL5
2000	700	0.056	32	22	13	27.5	5	140	24	20	2500	0.8	FSG3DK563G212GL5
2000	700	0.068	32	22	13	27.5	5.5	170	22	20	2500	0.8	FSG3DK683G212GL5
2000	700	0.082	32	24.5	13	27.5	6	205	20	20	2500	0.8	FSG3DK823G222GL5
2000	700	0.1	32	28	14	27.5	6.5	250	18	20	2500	0.8	FSG3DK104G262GL5
2000	700	0.12	32	33	18	27.5	7	300	16	20	2500	0.8	FSG3DK124G342GL5
2000	700	0.15	32	33	18	27.5	7.5	375	14	20	2500	0.8	FSG3DK154G342GL5
2000	700	0.18	32	37	22	27.5	8	450	12	20	2500	0.8	FSG3DK184G402GL5
2000	700	0.22	32	37	22	27.5	8.5	550	10	20	2500	0.8	FSG3DK224G402GL5
2000	700	0.033	42	22	11	37.5	4	49.5	35	25	1500	1.0	FSG3DK333K852KL5
2000	700	0.039	42	22	11	37.5	4.5	58.5	28	25	1500	1.0	FSG3DK393K852KL5
2000	700	0.047	42	22	11	37.5	4.8	70.5	26	25	1500	1.0	FSG3DK473K852KL5

FSG Series - 630Vdc ~ 2000Vdc THB Grade IIIB (85°C 85% 1.0U_{NDC} 1000H)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W mm	H mm	T mm	P mm	Irms max (100KHz 70°C) A	Peak Current A	ESR Typical 100KHz mΩ	ESL nH	dv/dt V/us	Lead Wire mm	Part Number
2000	700	0.056	42	22	11	37.5	5	84	24	25	1500	1.0	FSG3DK563K852KL5
2000	700	0.068	42	22	11	37.5	5.4	102	23	25	1500	1.0	FSG3DK683K852KL5
2000	700	0.082	42	22	11	37.5	5.8	123	22	25	1500	1.0	FSG3DK823K852KL5
2000	700	0.1	42	24	13	37.5	6.5	150	18	25	1500	1.0	FSG3DK104K112KL5
2000	700	0.12	42	24	13	37.5	7	180	16	25	1500	1.0	FSG3DK124K112KL5
2000	700	0.15	42	28.5	16	37.5	7.5	225	15	25	1500	1.0	FSG3DK154K862KL5
2000	700	0.18	42	28.5	16	37.5	8	270	14	25	1500	1.0	FSG3DK184K862KL5
2000	700	0.22	42	32	19	37.5	8.5	330	12	25	1500	1.0	FSG3DK224K212KL5
2000	700	0.27	42	40	20	37.5	9	405	11	25	1500	1.0	FSG3DK274K242KL5
2000	700	0.33	42	40	20	37.5	9.5	495	10.5	25	1500	1.0	FSG3DK334K242KL5
2000	700	0.39	42	44	24	37.5	10	585	9.5	25	1500	1.0	FSG3DK394K322KL5
2000	700	0.47	42	44	24	37.5	10.5	705	9	25	1500	1.0	FSG3DK474K322KL5
2000	700	0.56	42	45	30	37.5	12	840	7.5	25	1500	1.0	FSG3DK564K422KL5
2000	700	0.68	42	45	30	37.5	14	1020	6	25	1500	1.0	FSG3DK684K422KL5

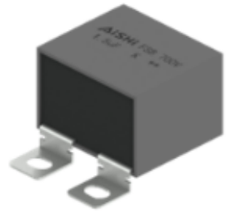
FSB Series - 850 ~ 2000VDC (Lug Terminal)

Overview

The FSB capacitor is constructed of metallized polypropylene film with double-sided metallized film encapsulated with epoxy resin in a rectangular plastic case, with lug terminals.

概述

FSB 结构为双面金属化聚丙烯薄膜，环氧树脂封装，塑料壳，及焊片所构成。



Applications

Widely used in high voltage, high frequency, high current, pulse circuit and IGBT protection.

应用

广泛应用于高压、高频、高电流，脉冲电路及IGBT保护。

Features

- High ripple current
- Self-healing property
- Low losses
- Small inherent temperature rise
- Suitable for high frequency applications
- High contact reliability

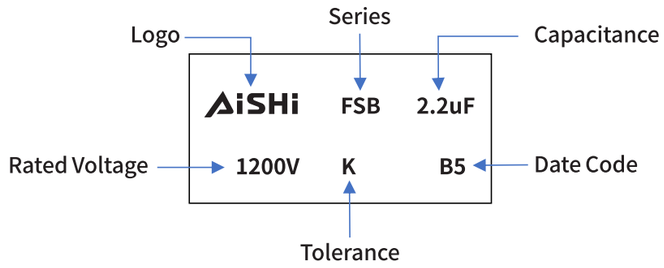
特点

- 高纹波电流
- 良好的自愈性
- 低损耗
- 温升小
- 适用于高频应用
- 高可靠性

Qualification标准

Reference Standard	IEC 61071
Climate Category	40/85/56 IEC 60068-1

Marking标识



FSB Series - 850 ~ 2000VDC (Lug Terminal)

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	SB	3B	K	225	N19	SN6	G
Capacitor Type	Series	Voltage (VDC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Solder Slice Code
F = Film	Snubber Capacitor, Lug Terminal type, Metallized PP Film	850= 2P 1000=3K 1200=3B 1600=3W 2000=3D	J = ±5% K = ±10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Solder Slice Code Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Distance of hole for fixing)		Digit Three (Distance of solder slice)	
Style S	S	16~24	A	6	6
Style N	N	17~25	B	7	7
Style W	W	21~29	C	11	A
Style U	U	22~30	D	12	B
		30~38	E	20	C
		31~39	F	21	D
		35~43	G	25	E
		36~44	H	26	F
		52~62	J	33	G
		56~66	K	37	H
		57~67	L	38	J
		70~80	M	51	K
		71~81	N	52	L

Solder Slice Code
焊片型式代码

Size of Solder Slice	
M5	5
M6	6
M8	8
M10	H
M12	J

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Industrial&Frequency Conversion Household Appliances Series Capacitors
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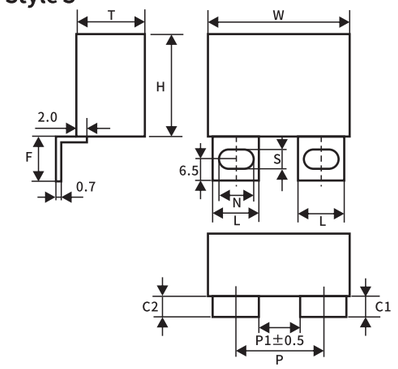
FSB Series - 850 ~ 2000VDC (Lug Terminal)

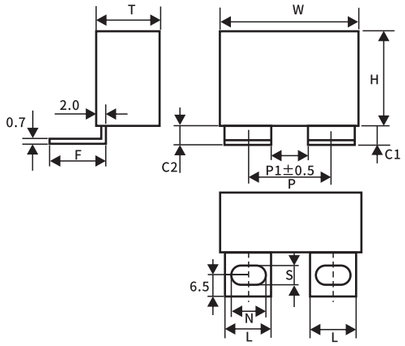
Dimension (mm) 外形图

Style S



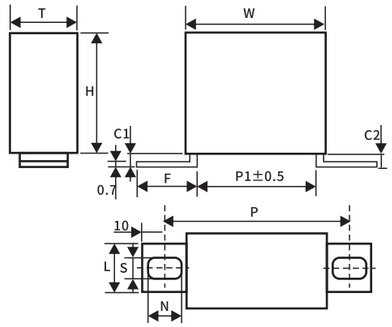
L x F x N x S = 14.0 x 16.0 x 10.2 x 6.2

Style N



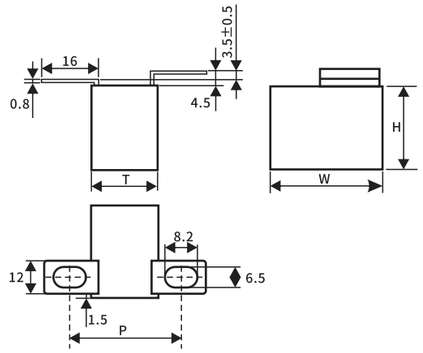
L x F x N x S = 14.0 x 16.0 x 10.2 x 6.2

Style W



L x F x N x S = 14.0 x 22.0 x 11.2 x 6.2

Style U



L x F x N x S = 12.0 x 16.0 x 8.2 x 6.5

Size Code Table (mm) 尺寸表

Size Code	Dimension					
	W	Tolerance	H	Tolerance	T	Tolerance
N11	42.5	0.8	40.0	0.8	20.0	0.8
N13	42.5	0.8	44.0	0.8	24.0	0.8
N15	42.5	0.8	37.0	0.8	28.0	0.8
N18	42.5	0.8	45.0	0.8	30.0	0.8
N21	42.5	0.8	35.5	0.8	33.5	0.8
P13	57.5	1.0	45.0	1.0	30.0	1.0
P17	57.5	1.0	50.0	1.0	35.0	1.0

FSB Series - 850 ~ 2000VDC (Lug Terminal)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	Irms 100KHz @70°C	Peak Current	Surge Current	ESR 100KHz @70°C	ESL	dv/dt	Terminal Style	Part Number
		mm	mm	mm	A	A	A	mΩ	nH	V/us		
850	0.47	42.5	40.0	20.0	14.0	357	1071	9.4	40	760	S	FSB2PK474N11SN6G
850	0.68	42.5	40.0	20.0	17.0	517	1551	6.6	40	760	S	FSB2PK684N11SN6G
850	1.0	42.5	40.0	20.0	20.0	760	2280	4.6	40	760	S	FSB2PK105N11SN6G
850	1.5	42.5	37.0	28.0	27.0	1140	3420	3.1	36	760	S	FSB2PK155N15SN6G
850	1.5	42.5	35.5	33.5	28.0	1140	3420	3.0	36	760	S	FSB2PK155N21SN6G
850	2.0	42.5	45.0	30.0	34.0	1520	4560	2.4	43	760	S	FSB2PK205N18SN6G
850	2.2	42.5	45.0	30.0	35.0	1672	5016	2.2	43	760	S	FSB2PK225N18SN6G
850	2.5	57.5	45.0	30.0	37.0	1175	3525	2.0	45	470	S	FSB2PK255P13SN6L
850	3.0	57.5	45.0	30.0	30.0	1410	4230	3.5	45	470	S	FSB2PK305P13SN6L
850	3.3	57.5	45.0	30.0	31.0	1551	4653	3.2	45	470	S	FSB2PK335P13SN6L
850	4.0	57.5	50.0	35.0	34.0	1880	5640	2.6	48	470	S	FSB2PK405P17SN6L
850	5.0	57.5	50.0	35.0	40.0	2350	7050	2.2	48	470	S	FSB2PK505P17SN6L
1000	0.47	42.5	40.0	20.0	14.0	400	1200	8.7	40	850	S	FSB3KK474N11SN6G
1000	0.68	42.5	40.0	20.0	18.0	578	1734	6.1	40	850	S	FSB3KK684N11SN6G
1000	1.0	42.5	40.0	20.0	20.0	850	2550	4.3	40	850	S	FSB3KK105N11SN6G
1000	1.5	42.5	37.0	28.0	28.0	1275	3825	2.9	36	850	S	FSB3KK155N15SN6G
1000	1.5	42.5	35.5	33.5	29.0	1275	3825	2.8	36	850	S	FSB3KK155N21SN6G
1000	2.0	42.5	45.0	30.0	35.0	1700	5100	2.3	43	850	S	FSB3KK205N18SN6G
1000	2.2	57.5	45.0	30.0	28.0	1166	3498	4.4	45	530	S	FSB3KK225P13SN6L
1000	2.5	57.5	45.0	30.0	29.0	1325	3975	3.8	45	530	S	FSB3KK255P13SN6L
1000	3.0	57.5	45.0	30.0	31.0	1590	4770	3.2	45	530	S	FSB3KK305P13SN6L
1000	3.3	57.5	45.0	30.0	32.0	1749	5247	3.0	45	530	S	FSB3KK335P13SN6L
1000	4.0	57.5	50.0	35.0	38.0	2120	6360	2.5	48	530	S	FSB3KK405P17SN6L
1200	0.33	42.5	40.0	20.0	13.0	330	990	10.9	40	1000	S	FSB3BK334N11SN6G
1200	0.47	42.5	40.0	20.0	16.0	470	1410	7.7	40	1000	S	FSB3BK474N11SN6G
1200	0.68	42.5	40.0	20.0	19.0	680	2040	5.4	40	1000	S	FSB3BK684N11SN6G
1200	1.0	42.5	37.0	28.0	25.0	1000	3000	3.8	36	1000	S	FSB3BK105N15SN6G
1200	1.2	42.5	37.0	28.0	27.0	1200	3600	3.2	36	1000	S	FSB3BK125N15SN6G
1200	1.2	42.5	35.5	33.5	28.0	1200	3600	3.0	36	1000	S	FSB3BK125N21SN6G
1200	1.5	42.5	45.0	30.0	32.0	1500	4500	2.6	43	1000	S	FSB3BK155N18SN6G
1200	2.0	57.5	45.0	30.0	27.0	1200	3600	4.1	45	600	S	FSB3BK205P13SN6L
1200	2.2	57.5	45.0	30.0	28.0	1320	3960	3.8	45	600	S	FSB3BK225P13SN6L
1200	2.5	57.5	45.0	30.0	30.0	1500	4500	3.3	45	600	S	FSB3BK255P13SN6L
1200	3.0	57.5	50.0	35.0	35.0	1800	5400	2.9	48	600	S	FSB3BK305P17SN6L
1200	3.3	57.5	50.0	35.0	38.0	1980	5940	2.6	48	600	S	FSB3BK335P17SN6L
2000	0.1	42.5	40.0	20.0	8.0	140	420	26.8	40	1400	S	FSB3DK104N11SN6G
2000	0.15	42.5	40.0	20.0	10.0	210	630	17.9	40	1400	S	FSB3DK154N11SN6G
2000	0.22	42.5	40.0	20.0	12.0	308	924	12.3	40	1400	S	FSB3DK224N11SN6G
2000	0.33	42.5	40.0	20.0	16.0	462	1386	8.3	40	1400	S	FSB3DK334N11SN6G
2000	0.47	42.5	40.0	20.0	19.0	658	1974	5.9	40	1400	S	FSB3DK474N11SN6G
2000	0.68	42.5	44.0	24.0	24.0	952	2856	4.1	43	1400	S	FSB3DK684N13SN6G
2000	0.68	42.5	35.5	33.5	25.0	952	2856	4.0	43	1400	S	FSB3DK684N21SN6G

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FSB Series - 850 ~ 2000VDC (Lug Terminal)
Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	Irms 100KHz @70°C	Peak Current	Surge Current	ESR 100KHz @70°C	ESL	dv/dt	Terminal Style	Part Number
		mm	mm	mm	A	A	A	mΩ	nH	V/us		
2000	0.82	42.5	45.0	30.0	28.0	1148	3444	3.5	43	1400	S	FSB3DK824N18SN6G
2000	1.0	57.5	45.0	30.0	23.0	900	2700	5.9	45	900	S	FSB3DK105P13SN6L
2000	1.2	57.5	45.0	30.0	25.0	1080	3240	4.9	45	900	S	FSB3DK125P13SN6L
2000	1.5	57.5	50.0	35.0	30.0	1350	4050	4.0	48	900	S	FSB3DK155P17SN6L
850	0.47	42.5	40.0	20.0	14.0	357.0	1071.0	9.4	40	760	N	FSB2PK474N11NN6G
850	0.68	42.5	40.0	20.0	17.0	517.0	1551.0	6.6	40	760	N	FSB2PK684N11NN6G
850	1.0	42.5	40.0	20.0	20.0	760.0	2280.0	4.6	40	760	N	FSB2PK105N11NN6G
850	1.5	42.5	37.0	28.0	27.0	1140.0	3420.0	3.1	36	760	N	FSB2PK155N15NN6G
850	1.5	42.5	35.5	33.5	28.0	1140.0	3420.0	3.0	36	760	N	FSB2PK155N21NN6G
850	2.0	42.5	45.0	30.0	34.0	1520.0	4560.0	2.4	43	760	N	FSB2PK205N18NN6G
850	2.2	42.5	45.0	30.0	35.0	1672.0	5016.0	2.2	43	760	N	FSB2PK225N18NN6G
850	2.5	57.5	45.0	30.0	37.0	1175.0	3525.0	2.0	45	470	N	FSB2PK255P13NN6L
850	3.0	57.5	45.0	30.0	30.0	1410.0	4230.0	3.5	45	470	N	FSB2PK305P13NN6L
850	3.3	57.5	45.0	30.0	31.0	1551.0	4653.0	3.2	45	470	N	FSB2PK335P13NN6L
850	4.0	57.5	50.0	35.0	34.0	1880.0	5640.0	2.6	48	470	N	FSB2PK405P17NN6L
850	5.0	57.5	50.0	35.0	40.0	2350.0	7050.0	2.2	48	470	N	FSB2PK505P17NN6L
1000	0.47	42.5	40.0	20.0	14.0	400.0	1200.0	8.7	40	850	N	FSB3KK474N11NN6G
1000	0.68	42.5	40.0	20.0	18.0	578.0	1734.0	6.1	40	850	N	FSB3KK684N11NN6G
1000	1.0	42.5	40.0	20.0	20.0	850.0	2550.0	4.3	40	850	N	FSB3KK105N11NN6G
1000	1.5	42.5	37.0	28.0	28.0	1275.0	3825.0	2.9	36	850	N	FSB3KK155N15NN6G
1000	1.5	42.5	35.5	33.5	29.0	1275.0	3825.0	2.8	36	850	N	FSB3KK155N21NN6G
1000	2.0	42.5	45.0	30.0	35.0	1700.0	5100.0	2.3	43	850	N	FSB3KK205N18NN6G
1000	2.2	57.5	45.0	30.0	28.0	1166.0	3498.0	4.4	45	530	N	FSB3KK225P13NN6L
1000	2.5	57.5	45.0	30.0	29.0	1325.0	3975.0	3.8	45	530	N	FSB3KK255P13NN6L
1000	3.0	57.5	45.0	30.0	31.0	1590.0	4770.0	3.2	45	530	N	FSB3KK305P13NN6L
1000	3.3	57.5	45.0	30.0	32.0	1749.0	5247.0	3.0	45	530	N	FSB3KK335P13NN6L
1000	4.0	57.5	50.0	35.0	38.0	2120.0	6360.0	2.5	48	530	N	FSB3KK405P17NN6L
1200	0.33	42.5	40.0	20.0	13.0	330.0	990.0	10.9	40	1000	N	FSB3BK334N11NN6G
1200	0.47	42.5	40.0	20.0	16.0	470.0	1410.0	7.7	40	1000	N	FSB3BK474N11NN6G
1200	0.68	42.5	40.0	20.0	19.0	680.0	2040.0	5.4	40	1000	N	FSB3BK684N11NN6G
1200	1.0	42.5	37.0	28.0	25.0	1000.0	3000.0	3.8	36	1000	N	FSB3BK105N15NN6G
1200	1.2	42.5	37.0	28.0	27.0	1200.0	3600.0	3.2	36	1000	N	FSB3BK125N15NN6G
1200	1.2	42.5	35.5	33.5	28.0	1200.0	3600.0	3.0	36	1000	N	FSB3BK125N21NN6G
1200	1.5	42.5	45.0	30.0	32.0	1500.0	4500.0	2.6	43	1000	N	FSB3BK155N18NN6G
1200	2.0	57.5	45.0	30.0	27.0	1200.0	3600.0	4.1	45	600	N	FSB3BK205P13NN6L
1200	2.2	57.5	45.0	30.0	28.0	1320.0	3960.0	3.8	45	600	N	FSB3BK225P13NN6L
1200	2.5	57.5	45.0	30.0	30.0	1500.0	4500.0	3.3	45	600	N	FSB3BK255P13NN6L
1200	3.0	57.5	50.0	35.0	35.0	1800.0	5400.0	2.9	48	600	N	FSB3BK305P17NN6L
1200	3.3	57.5	50.0	35.0	38.0	1980.0	5940.0	2.6	48	600	N	FSB3BK335P17NN6L
2000	0.1	42.5	40.0	20.0	8.0	140.0	420.0	26.8	40	1400	N	FSB3DK104N11NN6G
2000	0.15	42.5	40.0	20.0	10.0	210.0	630.0	17.9	40	1400	N	FSB3DK154N11NN6G
2000	0.22	42.5	40.0	20.0	12.0	308.0	924.0	12.3	40	1400	N	FSB3DK224N11NN6G

FSB Series - 850 ~ 2000VDC (Lug Terminal)

Rating and Part Number 标准品一览表

Vdc	Cap Value μF	Dimensions W	H	T	Irms 100KHz @70°C	Peak Current	Surge Current	ESR 100KHz @70°C	ESL	dv/dt	Terminal Style	Part Number
		mm	mm	mm	A	A	A	mΩ	nH	V/us		
2000	0.33	42.5	40.0	20.0	16.0	462.0	1386.0	8.3	40	1400	N	FSB3DK334N11NN6G
2000	0.47	42.5	40.0	20.0	19.0	658.0	1974.0	5.9	40	1400	N	FSB3DK474N11NN6G
2000	0.68	42.5	44.0	24.0	24.0	952.0	2856.0	4.1	43	1400	N	FSB3DK684N13NN6G
2000	0.68	42.5	35.5	33.5	25.0	952.0	2856.0	4.0	43	1400	N	FSB3DK684N21NN6G
2000	0.82	42.5	45.0	30.0	28.0	1148.0	3444.0	3.5	43	1400	N	FSB3DK824N18NN6G
2000	1.0	57.5	45.0	30.0	23.0	900.0	2700.0	5.9	45	900	N	FSB3DK105P13NN6L
2000	1.2	57.5	45.0	30.0	25.0	1080.0	3240.0	4.9	45	900	N	FSB3DK125P13NN6L
2000	1.5	57.5	50.0	35.0	30.0	1350.0	4050.0	4.0	48	900	N	FSB3DK155P17NN6L

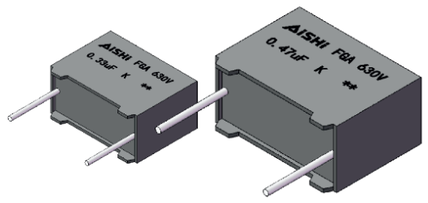
FGA Series - 450 ~ 630VDC

Overview

The FGA series is constructed of metallized polypropylene film encapsulated in plastic cases, sealed with epoxy resin.

概述

FGA采用金属化聚丙烯薄膜结构，封装于塑料壳内，使用环氧树脂密封。



Applications

Widely used in power supplies, power factory correction, ballasts and compact lamps and inverter.

应用

广泛应用于电源、功率校正、镇流器，节能灯和逆变器。

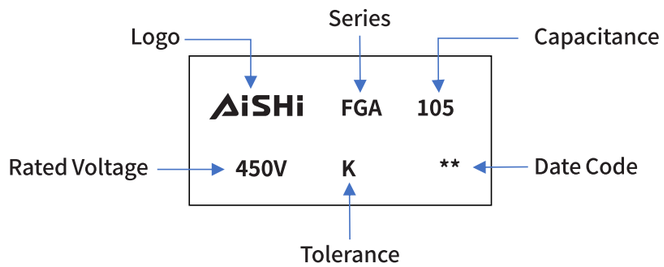
Features

- High ripple current
- Self-healing property
- Low losses
- High contact reliability

特点

- 高纹波电流
- 良好的自愈能力
- 低损耗
- 高可靠性

Marking标识



FGA Series - 450 ~ 630VDC

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	GA	2W	K	105	E43	2EL	5
Capacitor Type	Series	Voltage (VDC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	DC Film, Metallized PP Film	450=2W 520=2Y 550=2J 630=2L	J = ±5% K = ±10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Code Table

Terminal Code
引出端代码

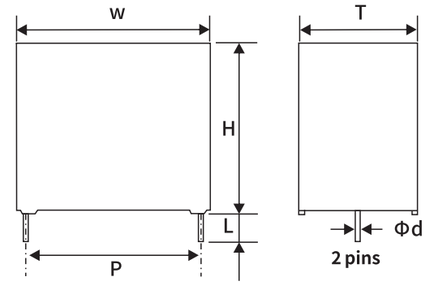
Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	N/A	L
2 leads for straight cut	2	12.5mm	D		
2 leads for forming cut	E	15.0mm	E		
2 leads for taping forming	T	22.5mm	F		
2 leads for taping straight	V				

Lead Length Code
引出端长度代码

Lead Length	
20mm min	L
35mm min	B
3.2mm	1
3.5mm	2
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
Taping	T
N/A	N

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FGA Series - 450 ~ 630VDC

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Ød	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	2 Leads	Tolerance
C13	13.0	0.5	11.0	0.5	5.0	0.5	10.0	0.5	0.6	0.05
C16	13.0	0.5	12.0	0.5	6.0	0.5	10.0	0.5	0.6	0.05
C24	13.0	0.5	13.0	0.5	7.0	0.5	10.0	0.5	0.6	0.05
C26	13.0	0.5	14.0	0.5	8.0	0.5	10.0	0.5	0.6	0.05
C27	13.0	0.5	16.0	0.5	8.0	0.5	10.0	0.5	0.6	0.05
C33	13.0	0.5	19.0	0.5	10.0	0.5	10.0	0.5	0.6	0.05
E14	18.0	0.5	11.0	0.5	5.0	0.5	15.0	0.5	0.6	0.05
E17	18.0	0.5	12.0	0.5	6.0	0.5	15.0	0.5	0.6	0.05
E19	18.0	0.5	17.5	0.5	6.0	0.5	15.0	0.5	0.6	0.05
E26	18.0	0.5	18.0	0.5	7.0	0.5	15.0	0.5	0.8	0.05
E29	18.0	0.5	13.5	0.5	7.5	0.5	15.0	0.5	0.8	0.05
E34	18.0	0.5	14.5	0.5	8.5	0.5	15.0	0.5	0.8	0.05
E36	18.0	0.5	12.5	0.5	9.0	0.5	15.0	0.5	0.8	0.05
E43	18.0	0.5	16.0	0.5	10.0	0.5	15.0	0.5	0.8	0.05
E47	18.0	0.5	19.0	0.5	11.0	0.5	15.0	0.5	0.8	0.05
E57	18.0	0.5	12.0	0.5	13.0	0.5	15.0	0.5	0.8	0.05
F24	26.0	0.5	19.0	0.5	10.0	0.5	22.5	0.5	0.8	0.05
F26	26.0	0.5	20.0	0.5	11.0	0.5	22.5	0.5	0.8	0.05
F29	26.0	0.5	23.0	0.5	13.0	0.5	22.5	0.5	0.8	0.05

FGA Series - 450 ~ 630VDC

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions				Peak Current	dv/dt	Lead Wire	Part Number
			W	H	T	P				
			mm	mm	mm	mm	A	V/us	mm	
450	220	0.1	13.0	11.0	5.0	10.0	25	250	0.6	FGA2WK104C132CL5
450	220	0.15	13.0	11.0	5.0	10.0	37.5	250	0.6	FGA2WK154C132CL5
450	220	0.22	13.0	11.0	5.0	10.0	55	250	0.6	FGA2WK224C132CL5
450	220	0.33	13.0	12.0	6.0	10.0	82.5	250	0.6	FGA2WK334C162CL5
450	220	0.39	13.0	13.0	7.0	10.0	97.5	250	0.6	FGA2WK394C242CL5
450	220	0.47	13.0	12.0	6.0	10.0	94	200	0.6	FGA2WK474C162CL5
450	220	0.56	13.0	13.0	7.0	10.0	140	250	0.6	FGA2WK564C242CL5
450	220	0.68	13.0	14.0	8.0	10.0	170	250	0.6	FGA2WK684C262CL5
450	220	0.82	13.0	16.0	8.0	10.0	205	250	0.6	FGA2WK824C272CL5
450	220	1	13.0	18.0	9.0	10.0	200	200	0.6	FGA2WK105C312CL5
450	220	0.1	18.0	11.0	5.0	15.0	16	160	0.6	FGA2WK104E142EL5
450	220	0.15	18.0	11.0	5.0	15.0	24	160	0.6	FGA2WK154E142EL5
450	220	0.22	18.0	11.0	5.0	15.0	26.4	120	0.6	FGA2WK224E142EL5
450	220	0.33	18.0	11.0	5.0	15.0	39.6	120	0.6	FGA2WK334E142EL5
450	220	0.47	18.0	11.0	5.0	15.0	56.4	120	0.6	FGA2WK474E142EL5
450	220	0.68	18.0	12.0	6.0	15.0	81.6	120	0.6	FGA2WK684E172EL5
450	220	0.82	18.0	13.0	7.0	15.0	1312	160	0.8	FGA2WK824E212EL5
450	220	1	18.0	13.0	7.0	15.0	120	120	0.8	FGA2WK105E212EL5
450	220	1.5	18.0	14.5	8.5	15.0	180	120	0.8	FGA2WK155E342EL5
450	220	2	18.0	18.0	10.0	15.0	240	120	0.8	FGA2WK205E452EL5
450	220	2.2	18.0	18.0	10.0	15.0	264	120	0.8	FGA2WK225E452EL5
450	220	2.2	26.0	17.0	8.5	22.5	220	100	0.6	FGA2WK225F202FL5
450	220	3.3	26.0	19.0	10.0	22.5	330	100	0.8	FGA2WK335F242FL5
550	250	0.1	13.0	11.0	5.0	10.0	30	300	0.6	FGA2JK104C132CL5
550	250	0.15	13.0	11.0	5.0	10.0	45	300	0.6	FGA2JK154C132CL5
550	250	0.22	13.0	12.0	6.0	10.0	66	300	0.6	FGA2JK224C162CL5
550	250	0.33	13.0	14.0	8.0	10.0	99	300	0.6	FGA2JK334C262CL5
550	250	0.47	13.0	16.0	8.0	10.0	141	300	0.6	FGA2JK474C272CL5
550	250	0.1	18.0	11.0	5.0	15.0	20	200	0.6	FGA2JK104E142EL5
550	250	0.15	18.0	11.0	5.0	15.0	30	200	0.6	FGA2JK154E142EL5
550	250	0.22	18.0	11.0	5.0	15.0	44	200	0.6	FGA2JK224E142EL5
550	250	0.33	18.0	12.0	6.0	15.0	66	200	0.6	FGA2JK334E172EL5
550	250	0.47	18.0	13.0	7.0	15.0	94	200	0.8	FGA2JK474E212EL5
550	250	0.68	18.0	14.5	8.5	150	136	200	0.8	FGA2JK684E342EL5
550	250	0.82	18.0	14.5	8.5	15.0	164	200	0.8	FGA2JK824E342EL5
550	250	1	18.0	16.0	10.0	15.0	200	200	0.8	FGA2JK105E432EL5
550	250	1.5	18.0	19.0	11.0	15.0	300	200	0.8	FGA2JK105E472EL5
550	250	1.5	26.0	19.0	10.0	22.5	180	120	0.8	FGA2JK155F242FL5
550	250	2.2	26.0	20.0	11.0	22.5	264	120	0.8	FGA2JK225F262FL5
630	275	0.01	13.0	11.0	5.0	10.0	4	400	0.6	FGA2LK103C132CL5
630	275	0.015	13.0	11.0	5.0	10.0	6	400	0.6	FGA2LK153C132CL5
630	275	0.022	13.0	11.0	5.0	10.0	8.8	400	0.6	FGA2LK223C132CL5

工业及变频家电系列
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AiSHi THINK AHEAD.

FGA Series - 450 ~ 630VDC

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions				Peak Current	dv/dt	Lead Wire	Part Number
			W	H	T	P				
			mm	mm	mm	mm	A	V/us	mm	
630	275	0.033	13.0	11.0	5.0	10.0	13.2	400	0.6	FGA2LK333C132CL5
630	275	0.047	13.0	11.0	5.0	10.0	18.8	400	0.6	FGA2LK473C132CL5
630	275	0.068	13.0	11.0	5.0	10.0	27.2	400	0.6	FGA2LK683C132CL5
630	275	0.082	13.0	11.0	5.0	10.0	32.8	400	0.6	FGA2LK823C132CL5
630	275	0.1	13.0	11.0	5.0	10.0	40	400	0.6	FGA2LK104C132CL5
630	275	0.047	18.0	11.0	5.0	15.0	11.75	250	0.6	FGA2LK473E142EL5
630	275	0.056	18.0	11.0	5.0	15.0	14	250	0.6	FGA2LK563E142EL5
630	275	0.068	18.0	11.0	5.0	15.0	17	250	0.6	FGA2LK683E142EL5
630	275	0.082	18.0	11.0	5.0	15.0	20.5	250	0.6	FGA2LK823E142EL5
630	275	0.1	18.0	11.0	5.0	15.0	25	250	0.6	FGA2LK104E142EL5
630	275	0.15	18.0	11.0	5.0	15.0	37.5	250	0.6	FGA2LK154E142EL5
630	275	0.22	18.0	12.0	6.0	15.0	55	250	0.6	FGA2LK224E172EL5
630	275	0.33	18.0	13.0	7.0	15.0	82.5	250	0.8	FGA2LK334E212EL5
630	275	0.47	18.0	14.0	8.5	15.0	117.5	250	0.8	FGA2LK474E342EL5
630	275	0.68	18.0	16.0	10.0	15.0	170	250	0.8	FGA2LK684E432EL5
630	275	0.82	18.0	18.0	10.0	15.0	205	250	0.8	FGA2LK684E452EL5
630	275	1	18.0	19.0	11.0	15.0	250	250	0.8	FGA2LK684E472EL5
630	275	1	26.0	17.0	8.5	22.5	160	160	0.8	FGA2LK824F202FL5
630	275	1.5	26.0	20.0	11.0	22.5	240	160	0.8	FGA2LK105F262FL5

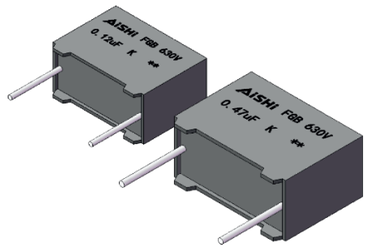
FGB Series - 100 ~ 630VDC (DC & Pulse Applications)

Overview

The FGB series is constructed of metallized polypropylene film encapsulated in plastic cases, sealed with epoxy resin.

概述

FGB采用金属化聚丙烯薄膜结构，封装于塑料壳内，使用环氧树脂密封。



Applications

Widely used in high current and high frequency applications, DC/AC and pulse circuits in power supply, ballast and LED lighting.

应用

广泛应用于高电流和高频应用，直流/交流和脉冲电路，电源，镇流器和节能灯。

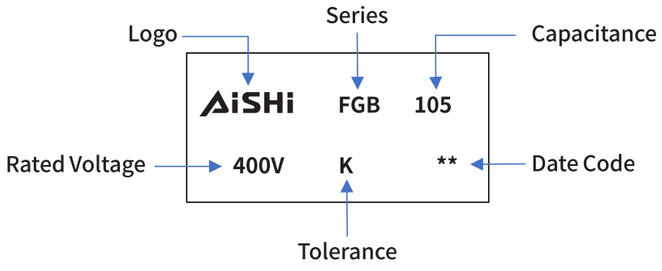
Features

- High ripple current
- Self-healing property
- Low losses
- High contact reliability
- Suitable for high frequency applications

特点

- 高纹波电流
- 良好的自愈能力
- 低损耗
- 高可靠性
- 适用于高频应用

Marking标识



工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FGB Series - 100 ~ 630VDC (DC & Pulse Applications)

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	GB	2G	K	105	F26	2FL	5
Capacitor Type	Series	Voltage (VDC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	DC Film, Metallized PP Film	100=1K 250=2E 400=2G 630=2L	J = ±5% K = ±10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Code Table

Terminal Code
引出端代码

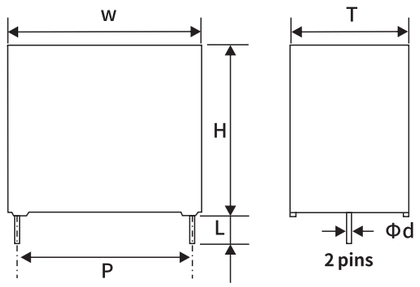
Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	N/A	L
2 leads for straight cut	2	12.5mm	D		
2 leads for forming cut	E	15.0mm	E		
2 leads for taping forming	T	22.5mm	F		
2 leads for taping straight	V	27.5mm	G		
		37.5mm	K		

Lead Length Code
引出端长度代码

Lead Length	
20mm min	L
35mm min	B
3.2mm	1
3.5mm	2
3.0mm	3
4.0mm	4
5.0mm	5
7.0mm	7
Taping	T
N/A	N

FGB Series - 100 ~ 630VDC (DC & Pulse Applications)

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Ød	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	2 Leads	Tolerance
C13	13.0	0.5	11.0	0.5	5.0	0.5	10.0	0.5	0.6	0.05
C16	13.0	0.5	12.0	0.5	6.0	0.5	10.0	0.5	0.6	0.05
E14	18.0	0.5	11.0	0.5	5.0	0.5	15.0	0.5	0.6	0.05
E17	18.0	0.5	12.0	0.5	6.0	0.5	15.0	0.5	0.6	0.05
E29	18.0	0.5	13.5	0.5	7.5	0.5	15.0	0.5	0.8	0.05
E34	18.0	0.5	14.5	0.5	8.5	0.5	15.0	0.5	0.8	0.05
E43	18.0	0.5	16.0	0.5	10.0	0.5	15.0	0.5	0.8	0.05
E47	18.0	0.5	19.0	0.5	11.0	0.5	15.0	0.5	0.8	0.05
F20	26.0	0.5	17.0	0.5	8.5	0.5	22.5	0.5	0.8	0.05
F24	26.0	0.5	19.0	0.5	10.0	0.5	22.5	0.5	0.8	0.05
F26	26.0	0.5	20.0	0.5	11.0	0.5	22.5	0.5	0.8	0.05
F29	26.0	0.5	23.0	0.5	13.0	0.5	22.5	0.5	0.8	0.05
G18	32.0	0.8	20.0	0.8	11.0	0.8	27.5	0.5	0.8	0.05
G21	32.0	0.8	22.0	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G22	32.0	0.8	24.5	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G26	32.0	0.8	28.0	0.8	14.0	0.8	27.5	0.5	0.8	0.05
G34	32.0	0.8	33.0	0.8	18.0	0.8	27.5	0.5	0.8	0.05
G37	32.0	0.8	31.0	0.8	21.0	0.8	27.5	0.5	0.8	0.05
G40	32.0	0.8	37.0	0.8	22.0	0.8	27.5	0.5	0.8	0.05
K21	42.5	0.8	32.0	0.8	19.0	0.8	37.5	0.5	1.0	0.05
K24	42.5	0.8	40.0	0.8	20.0	0.8	37.5	0.5	1.0	0.05
K32	42.5	0.8	44.0	0.8	24.0	0.8	37.5	0.5	1.0	0.05
K42	42.5	0.8	45.0	0.8	30.0	0.8	37.5	0.5	1.0	0.05

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FGB Series - 100 ~ 630VDC (DC & Pulse Applications)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions				Peak Current	dv/dt	Lead Wire	Part Number
			W	H	T	P				
			mm	mm	mm	mm	A	V/us	mm	
100	50	0.1	13	11	5	10	18	180	0.6	FGB1KK104C132CL5
100	50	0.22	13	12	6	10	39.6	180	0.6	FGB1KK224C162CL5
100	50	0.33	18	12	6	15	33	100	0.6	FGB1KK334E172EL5
100	50	0.47	18	13.5	7.5	15	47	100	0.8	FGB1KK474E292EL5
100	50	0.68	18	14.5	8.5	15	68	100	0.8	FGB1KK684E342EL5
100	50	0.82	18	16	10	15	82	100	0.8	FGB1KK824E432EL5
100	50	1	18	16	10	15	100	100	0.8	FGB1KK105E432EL5
100	50	1.5	26	19	10	22.5	90	60	0.8	FGB1KK155F242FL5
100	50	2.2	32	20	11	27.5	110	50	0.8	FGB1KK225G182GL5
100	50	3.3	32	22	13	27.5	165	50	0.8	FGB1KK335G212GL5
100	50	4.7	32	24.5	13	27.5	235	50	0.8	FGB1KK475G222GL5
100	50	5.6	32	28	14	27.5	280	50	0.8	FGB1KK565G262GL5
100	50	6.8	32	33	18	27.5	3400	50	0.8	FGB1KK685G342GL5
100	50	82	32	33	18	27.5	4100	50	0.8	FGB1KK825G342GL5
100	50	10	32	37	22	27.5	500	50	0.8	FGB1KK106G402GL5
100	50	12	32	37	22	27.5	600	50	0.8	FGB1KK126G402GL5
250	160	0.033	13	11	5	10	18.15	550	0.6	FGB2EK333C132CL5
250	160	0.047	13	11	5	10	25.85	550	0.6	FGB2EK473C132CL5
250	160	0.068	13	11	5	10	37.4	550	0.6	FGB2EK683C132CL5
250	160	0.082	13	11	5	10	45.1	550	0.6	FGB2EK823C132CL5
250	160	0.1	13	11	5	10	55	550	0.6	FGB2EK104C132CL5
250	160	0.15	13	12	6	10	82.5	550	0.6	FGB2EK154C162CL5
250	160	0.22	18	11	5	15	66	300	0.6	FGB2EK224E142EL5
250	160	0.33	18	12	6	15	99	300	0.6	FGB2EK334E172EL5
250	160	0.47	18	13.5	7.5	15	141	300	0.8	FGB2EK474E292EL5
250	160	0.56	18	13.5	7.5	15	168	300	0.8	FGB2EK564E292EL5
250	160	0.68	18	14.5	8.5	15	204	300	0.8	FGB2EK684E342EL5
250	160	0.82	18	16	10	15	246	300	0.8	FGB2EK824E432EL5
250	160	1.2	18	16	10	15	360	300	0.8	FGB2EK105E432EL5
250	160	12	26	17	8.5	22.5	150	125	0.8	FGB2EK125F202FL5
250	160	1.5	26	19	10	22.5	187.5	125	0.8	FGB2EK155F242FL5
250	160	22	26	20	11	22.5	275	125	0.8	FGB2EK225F262FL5
250	160	3.3	26	23	13	22.5	412.5	125	0.8	FGB2EK335F292FL5
250	160	4.7	32	24.5	13	27.5	470	100	0.8	FGB2EK475G222GL5
250	160	5.6	32	28	14	27.5	560	100	0.8	FGB2EK565G262GL5
250	160	6.8	32	33	18	27.5	680	100	0.8	FGB2EK685G342GL5
250	160	8.2	32	33	18	27.5	820	100	0.8	FGB2EK825G342GL5
250	160	10	32	37	22	27.5	1000	100	0.8	FGB2EK106G402GL5
400	220	0.015	13	11	5	10	18	1200	0.6	FGB2GK153C132CL5
400	220	0.022	13	11	5	10	26.4	1200	0.6	FGB2GK223C132CL5
400	220	0.033	13	11	5	10	39.6	1200	0.6	FGB2GK333C132CL5
400	220	0.047	13	11	5	10	56.4	1200	0.6	FGB2GK473C132CL5

FGB Series - 100 ~ 630VDC (DC & Pulse Applications)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions				Peak Current	dv/dt	Lead Wire	Part Number
			W	H	T	P				
			mm	mm	mm	mm	A	V/us	mm	
400	220	0.068	13	12	6	10	81.6	1200	0.6	FGB2GK683C162CL5
400	220	0.082	18	11	5	15	65.6	800	0.6	FGB2GK823E142EL5
400	220	0.1	18	11	5	15	80	800	0.6	FGB2GK104E142EL5
400	220	0.15	18	12	6	15	120	800	0.6	FGB2GK154E172EL5
400	220	0.22	18	13.5	7.5	15	176	800	0.8	FGB2GK224E292EL5
400	220	0.33	18	14.5	8.5	15	264	800	0.8	FGB2GK334E342EL5
400	220	0.47	18	16	10	15	376	800	0.8	FGB2GK474E432EL5
400	220	0.68	26	19	10	22.5	204	300	0.8	FGB2GK684F242FL5
400	220	0.82	26	19	10	22.5	246	300	0.8	FGB2GKB24F242FL5
400	220	1	26	20	11	22.5	300	300	0.8	FGB2GK105F262FL5
400	220	1.5	26	23	13	22.5	450	300	0.8	FGB2GK155F292FL5
400	220	22	32	24.5	13	27.5	286	130	0.8	FGB2GK225G222GL5
400	220	3.3	32	33	18	27.5	429	130	0.8	FGB2GK335G342GL5
400	220	4.7	32	37	22	27.5	611	130	0.8	FGB2GK475G402GL5
630	250	0.01	13	11	5	10	15	1500	0.6	FGB2LK103C132CL5
630	250	0.015	13	11	5	10	22.5	1500	0.6	FGB2LK153C132CL5
630	250	0.022	13	12	6	10	33	1500	0.6	FGB2LK223C162CL5
630	250	0.033	18	11	5	15	33	1000	0.6	FGB2LK333E142EL5
630	250	0.047	18	11	5	15	47	1000	0.6	FGB2LK473E142EL5
630	250	0.068	18	12	6	15	68	1000	0.6	FGB2LK683E172EL5
630	250	0.082	18	12	6	15	82	1000	0.6	FGB2LK823E172EL5
630	250	0.1	18	13.5	7.5	15	100	1000	0.8	FGB2LK104E292EL5
630	250	0.15	18	14.5	8.5	15	150	1000	0.8	FGB2LK154E342EL5
630	250	0.22	18	16	10	15	220	1000	0.8	FGB2LK224E432EL5
630	250	0.33	18	19	11	15	330	1000	0.8	FGB2LK334E472EL5
630	250	0.47	26	20	11	22.5	188	400	0.8	FGB2LK474F262FL5
630	250	0.68	26	23	13	22.5	272	400	0.8	FGB2LK684F292FL5
630	250	0.82	32	22	13	27.5	147.6	180	0.8	FGB2LK824G212GL5
630	250	1	32	22	13	27.5	1800	180	0.8	FGB2LK105G212GL5
630	250	1.5	32	28	14	27.5	270	180	0.8	FGB2LK155G262GL5
630	250	2.2	32	33	18	27.5	396	180	0.8	FGB2LK225G342GL5
630	250	3.3	32	37	22	27.5	594	180	0.8	FGB2LK225G342GL5

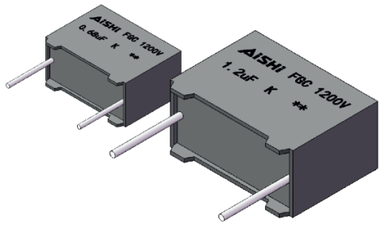
FGC Series - 630Vdc ~ 2000Vdc (Pulse and High Frequency Applications)

Overview

The FGC series is constructed of metallized polypropylene film and double-sided metallized film as electrodes with radial leads of tinned wires. The capacitor is encapsulated in plastic cases, sealed with epoxy resin.

概述

FGC系列由金属化聚丙烯膜和双面金属化膜构成，电极采用镀锡丝径向引线。电容器封装在塑料外壳中，用环氧树脂密封。



Applications

Widely used in high frequency and high current, snubber and silicon-controlled rectifier commutation circuits as well as high voltage high current applications.

应用

广泛用于高频和高电流、缓冲器和硅控制整流器换向电路以及高压大电流应用。

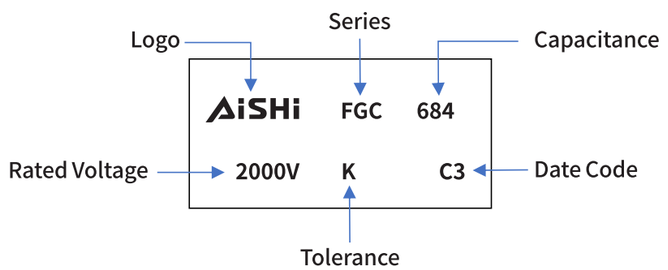
Features

- High ripple current
- Self-healing property
- Low losses
- High contact reliability
- Suitable for high frequency applications
- Negative temperature coefficient of capacitance

特点

- 高纹波电流
- 良好的自愈能力
- 低损耗
- 高可靠性
- 适合高频应用
- 电容量负温度系数

Marking标识



FGC Series - 630Vdc ~ 2000Vdc (Pulse and High Frequency Applications)

Manufacturing Date Code生产周期码

Year	Code	Month	Code
2018	A	Jan	1
2019	B	Feb	2
2020	C	Mar	3
2021	D	Apr	4
2022	E	May	5
2023	F	Jun	6

Year	Code	Month	Code
2024	G	Jul	7
2025	H	Aug	8
2026	J	Sep	9
2027	K	Oct	A
2028	L	Nov	N
2029	M	Dec	D

Part Number System料号编码原则

F	GC	3D	K	684	K42	2KL	5
Capacitor Type	Series	Voltage (VDC)	Tolerance	Capacitance (pF)	Size Code	Terminal Code	Lead Length Code
F = Film	DC Film, Double Sided Metallized PP Film	630=2L 1000=3K 1200=3B 1600=3W 2000=3D	J = ±5% K = ±10%	First two digits = significant figures. Third digit = Number of zeros.	Refer to Size Code Table	Refer to Terminal Code Table	Refer to Lead Length Code Table

Terminal Code
引出端代码

Digit One (Lead/Terminal Type)		Digit Two (Lead Space)		Digit Three (Lead Ipsilateral)	
2 leads for long	L	10.0mm	C	N/A	L
2 leads for straight cut	2	12.5mm	D		
2 leads for forming cut	E	15.0mm	E		
2 leads for taping forming	T	22.5mm	F		
2 leads for taping straight	V	27.5mm	G		
		37.5mm	K		

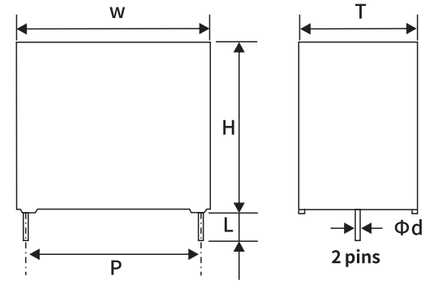
Lead Length Code
引出端长度代码

Lead Length	
3.2mm	1
3.5mm	2
3.0mm	3
4.0mm	4
5.0mm	5
Taping	T
N/A	N

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FGC Series - 630Vdc ~ 2000Vdc (Pulse and High Frequency Applications)

Dimension (mm) 外形图



Size Code Table (mm) 尺寸表

Size Code	Dimension						Pitch		Ød	
	W	Tolerance	H	Tolerance	T	Tolerance	P	Tolerance	2 Leads	Tolerance
C11	13.0	0.5	9.0	0.5	4.0	0.5	10.0	0.5	0.6	0.05
C13	13.0	0.5	11.0	0.5	5.0	0.5	10.0	0.5	0.6	0.05
C16	13.0	0.5	12.0	0.5	6.0	0.5	10.0	0.5	0.6	0.05
C24	13.0	0.5	13.0	0.5	7.0	0.5	10.0	0.5	0.6	0.05
E14	18.0	0.5	11.0	0.5	5.0	0.5	15.0	0.5	0.6	0.05
E17	18.0	0.5	12.0	0.5	6.0	0.5	15.0	0.5	0.6	0.05
E29	18.0	0.5	13.5	0.5	7.5	0.5	15.0	0.5	0.8	0.05
E34	18.0	0.5	14.5	0.5	8.5	0.5	15.0	0.5	0.8	0.05
E43	18.0	0.5	16.0	0.5	10.0	0.5	15.0	0.5	0.8	0.05
E47	18.0	0.5	19.0	0.5	11.0	0.5	15.0	0.5	0.8	0.05
F17	26.0	0.5	16.5	0.5	7.0	0.5	22.5	0.5	0.8	0.05
F20	26.0	0.5	17.0	0.5	8.5	0.5	22.5	0.5	0.8	0.05
F24	26.0	0.5	19.0	0.5	10.0	0.5	22.5	0.5	0.8	0.05
F26	26.0	0.5	20.0	0.5	11.0	0.5	22.5	0.5	0.8	0.05
F27	26.0	0.5	22.0	0.5	12.0	0.5	22.5	0.5	0.8	0.05
G18	32.0	0.8	20.0	0.8	11.0	0.8	27.5	0.5	0.8	0.05
G21	32.0	0.8	22.0	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G22	32.0	0.8	24.5	0.8	13.0	0.8	27.5	0.5	0.8	0.05
G26	32.0	0.8	28.0	0.8	14.0	0.8	27.5	0.5	0.8	0.05
G34	32.0	0.8	33.0	0.8	18.0	0.8	27.5	0.5	0.8	0.05
G40	32.0	0.8	37.0	0.8	22.0	0.8	27.5	0.5	0.8	0.05
K21	42.5	0.8	32.0	0.8	19.0	0.8	37.5	0.5	1.0	0.05
K24	42.5	0.8	40.0	0.8	20.0	0.8	37.5	0.5	1.0	0.05
K32	42.5	0.8	44.0	0.8	24.0	0.8	37.5	0.5	1.0	0.05
K42	42.5	0.8	45.0	0.8	30.0	0.8	37.5	0.5	1.0	0.05

FGC Series - 630Vdc ~ 2000Vdc (Pulse and High Frequency Applications)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W	H	T	P	Irms max (100KHz 70°C)	Peak Current	ESR Typical 100KHz	ESL	dv/dt	Lead Wire	Part Number
			mm	mm	mm	mm	A	A	mΩ	nH	V/us	mm	
630	400	0.01	18	11	5	15	1.8	30	62	12	3000	0.8	FGC2LK103E142EL5
630	400	0.012	18	11	5	15	22	36	52	12	3000	0.8	FGC2LK123E142EL5
630	400	0.015	18	11	5	15	2.5	45	42	12	3000	0.8	FGC2LK153E142EL5
630	400	0.018	18	11	5	15	2.7	54	35	12	3000	0.8	FGC2LK183E142EL5
630	400	0.02	18	11	5	15	2.8	60	32	12	3000	0.8	FGC2LK203E142EL5
630	400	0.022	18	11	5	15	2.9	66	30	12	3000	0.8	FGC2LK223E142EL5
630	400	0.027	18	12	6	15	3.2	81	25	12	3000	0.8	FGC2LK273E172EL5
630	400	0.033	18	12	6	15	3.7	99	20	12	3000	0.8	FGC2LK333E172EL5
630	400	0.039	18	12	6	15	3.9	117	16	12	3000	0.8	FGC2LK393E172EL5
630	400	0.047	18	13.5	7.5	15	4.5	141	15	12	3000	0.8	FGC2LK473E292EL5
630	400	0.056	18	13.5	7.5	15	4.6	168	14	12	3000	0.8	FGC2LK563E292EL5
630	400	0.068	18	14.5	8.5	15	4.7	204	13.5	12	3000	0.8	FGC2LK683E342EL5
630	400	0.082	18	16	10	15	4.8	246	13.2	12	3000	0.8	FGC2LK823E432EL5
630	400	0.1	18	16	10	15	5	300	13	12	3000	0.8	FGC2LK104E432EL5
630	400	0.12	18	19	11	15	5.4	360	12.5	12	3000	0.8	FGC2LK124E472EL5
630	400	0.047	26	15.5	6	22.5	3.8	70.5	20	15	1500	0.8	FGC2LK473F142FL5
630	400	0.056	26	15.5	6	22.5	4	84	19.5	15	1500	0.8	FGC2LK563F142FL5
630	400	0.068	26	15.5	6	22.5	42	102	19	15	1500	0.8	FGC2LK683F142FL5
630	400	0.082	26	15.5	6	22.5	4.5	123	18	15	1500	0.8	FGC2LK823F142FL5
630	400	0.1	26	15.5	6	22.5	5	150	16	15	1500	0.8	FGC2LK104F142FL5
630	400	0.12	26	16.5	7	22.5	5.3	180	14	15	1500	0.8	FGC2LK124F172FL5
630	400	0.15	26	17	8.5	22.5	6	225	11	15	1500	0.8	FGC2LK154F202FL5
630	400	0.18	26	17	8.5	22.5	6.5	270	10	15	1500	0.8	FGC2LK184F202FL5
630	400	022	26	19	10	22.5	7.5	330	8.5	15	1500	0.8	FGC2LK224F242FL5
630	400	0.27	26	20	11	22.5	8.5	405	6.5	15	1500	0.8	FGC2LK274F262FL5
630	400	0.33	26	20	11	22.5	9	495	6	15	1500	0.8	FGC2LK334F262FL5
630	400	0.39	26	22	12	22.5	10	585	5	15	1500	0.8	FGC2LK394F272FL5
1000	600	0.0082	18	11	5	15	1.5	28.7	80	10	3500	0.8	FGC3KK822E142EL5
1000	600	0.01	18	11	5	15	1.8	35	62	12	3500	0.8	FGC3KK103E142EL5
1000	600	0.012	18	11	5	15	2.2	42	52	12	3500	0.8	FGC3KK123E142EL5
1000	600	0.015	18	11	5	15	2.5	52.5	42	12	3500	0.8	FGC3KK153E142EL5
1000	600	0.018	18	11	5	15	2.7	63	35	12	3500	0.8	FGC3KK183E142EL5
1000	600	0.02	18	12	6	15	2.8	70	32	10	3500	0.8	FGC3KK203E172EL5
1000	600	0.022	18	12	6	15	3	77	29	10	3500	0.8	FGC3KK223E172EL5
1000	600	0.027	18	13.5	7.5	15	3.5	94.5	24	12	3500	0.8	FGC3KK273E292EL5
1000	600	0.033	18	13.5	7.5	15	4	115.5	19	12	3500	0.8	FGC3KK333E292EL5
1000	600	0.039	18	14.5	8.5	15	4.5	136.5	16	12	3500	0.8	FGC3KK393E342EL5
1000	600	0.047	18	14.5	8.5	15	4.9	164.5	14	12	3500	0.8	FGC3KK473E342EL5
1000	600	0.027	26	15.5	6	22.5	3.8	56.7	24	15	2100	0.8	FGC3KK273F142FL5
1000	600	0.033	26	15.5	6	22.5	4.3	69.3	19	15	2100	0.8	FGC3KK333F142FL5
1000	600	0.039	26	15.5	6	22.5	4.8	81.9	16	15	2100	0.8	FGC3KK393F142FL5
1000	600	0.047	26	16.5	7	22.5	5	98.7	15	15	2100	0.8	FGC3KK473F172FL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.

FGC Series - 630Vdc ~ 2000Vdc (Pulse and High Frequency Applications)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions W	H	T	P	Irms max (100KHz 70°C)	Peak Current	ESR Typical 100KHz	ESL	dv/dt	Lead Wire	Part Number
			mm	mm	mm	mm	A	A	mΩ	nH	V/us	mm	
1000	600	0.056	26	16.5	7	22.5	5.4	117.6	14.5	15	2100	0.8	FGC3KK563F172FL5
1000	600	0.068	26	17	8.5	22.5	5.6	142.8	14	15	2100	0.8	FGC3KK683F202FL5
1000	600	0.082	26	19	10	22.5	5.8	172.2	13.5	15	2100	0.8	FGC3KK823F242FL5
1000	600	0.1	26	19	10	22.5	6	210	13	15	2100	0.8	FGC3KK104F242FL5
1000	600	0.12	26	20	11	22.5	6.5	180	12.5	15	1500	0.8	FGC3KK124F262FL5
1000	600	0.15	26	22	12	22.5	7	225	11	15	1500	0.8	FGC3KK154F272FL5
1300	620	0.0082	18	11	5	15	1.7	28.7	95	10	3500	0.8	FGC3SK822E142EL5
1300	620	0.01	18	11	5	15	2	35	65	12	3500	0.8	FGC3SK103E142EL5
1300	620	0.012	18	11	5	15	2.2	42	52	12	3500	0.8	FGC3SK123E142EL5
1300	620	0.015	18	11	5	15	2.5	52.5	42	12	3500	0.8	FGC3SK153E142EL5
1300	620	0.018	18	12	6	15	2.8	63	38	12	3500	0.8	FGC3SK183E172EL5
1300	620	0.02	18	12	6	15	2.9	70	36	10	3500	0.8	FGC3SK203E172EL5
1300	620	0.022	18	13	7	15	3.1	77	32	10	3500	0.8	FGC3SK223E212EL5
1300	620	0.027	18	13.5	7.5	15	3.7	94.5	26	12	3500	0.8	FGC3SK273E292EL5
1300	620	0.033	18	14.5	8.5	15	4	115.5	19	12	3500	0.8	FGC3SK333E342EL5
1300	620	0.039	18	16	9	15	4.5	136.5	16	12	3500	0.8	FGC3SK393E382EL5
1300	620	0.047	18	16	10	15	4.8	164.5	15	12	3500	0.8	FGC3SK473E432EL5
1300	620	0.056	18	19	11	15	5	196	14	12	3500	0.8	FGC3SK563E472EL5
1300	620	0.027	26	15.5	6	22.5	3.5	56.7	24	15	2100	0.8	FGC3SK273F142FL5
1300	620	0.033	26	15.5	6	22.5	4	69.3	19	15	2100	0.8	FGC3SK333F142FL5
1300	620	0.039	26	15.5	6	22.5	4.8	81.9	16	15	2100	0.8	FGC3SK393F142FL5
1300	620	0.047	26	16.5	7	22.5	5	98.7	15	15	2100	0.8	FGC3SK473F172FL5
1300	620	0.056	26	16.5	7	22.5	5.4	117.6	14.5	15	2100	0.8	FGC3SK563F172FL5
1300	620	0.068	26	17	8.5	22.5	6	142.8	14	15	2100	0.8	FGC3SK683F202FL5
1300	620	0.082	26	19	10	22.5	6.5	172.2	13.5	15	2100	0.8	FGC3SK823F242FL5
1300	620	0.1	26	19	10	22.5	7	210	13	15	2100	0.8	FGC3SK104F242FL5
1300	620	0.12	26	20	11	22.5	6.5	180	12.5	15	1500	0.8	FGC3SK124F262FL5
1300	620	0.15	26	22	12	22.5	7	225	12	15	1500	0.8	FGC3SK154F272FL5
1300	620	0.18	26	24.5	13	22.5	7.5	270	11	15	1500	0.8	FGC3SK184F302FL5
1300	620	022	26	29.5	14.5	22.5	8.5	330	9.5	15	1500	0.8	FGC3SK224F342FL5
1600	650	0.0033	18	11	5	15	1.1	19.8	190	12	6000	0.8	FGC3WK332E142EL5
1600	650	0.0047	18	11	5	15	1.3	282	165	12	6000	0.8	FGC3WK472E142EL5
1600	650	0.0056	18	11	5	15	1.4	33.6	120	12	6000	0.8	FGC3WK562E142EL5
1600	650	0.0068	18	11	5	15	1.6	40.8	100	12	6000	0.8	FGC3WK682E142EL5
1600	650	0.0082	18	11	5	15	1.8	49.2	95	12	6000	0.8	FGC3WK822E142EL5
1600	650	0.01	18	11	5	15	2	60	65	12	6000	0.8	FGC3WK103E142EL5
1600	650	0.012	18	12	6	15	2.3	72	50	12	6000	0.8	FGC3WK123E172EL5
1600	650	0.015	18	12	6	15	2.5	90	45	12	6000	0.8	FGC3WK153E172EL5
1600	650	0.018	18	13.5	7.5	15	3	108	35	12	6000	0.8	FGC3WK183E292EL5
1600	650	0.022	18	13.5	7.5	15	32	132	30	12	6000	0.8	FGC3WK223E292EL5
1600	650	0.027	18	14.5	8.5	15	3.8	162	25	12	6000	0.8	FGC3WK273E342EL5
1600	650	0.033	18	14.5	8.5	15	4	198	20	12	6000	0.8	FGC3WK333E342EL5

FGC Series - 630Vdc ~ 2000Vdc (Pulse and High Frequency Applications)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions				Irms max (100KHz 70°C)	Peak Current	ESR Typical 100KHz	ESL	dv/dt	Lead Wire	Part Number
			W	H	T	P							
			mm	mm	mm	mm	A	A	mΩ	nH	V/us	mm	
1600	650	0.015	26	15.5	6	22.5	2.8	45	40	15	3000	0.8	FGC3WK153F142FL5
1600	650	0.022	26	15.5	6	22.5	3.5	66	30	15	3000	0.8	FGC3WK223F142FL5
1600	650	0.033	26	15.5	6	22.5	4	99	20	15	3000	0.8	FGC3WK333F142FL5
1600	650	0.039	26	16.5	7	22.5	4.8	117	16	15	3000	0.8	FGC3WK393F172FL5
1600	650	0.047	26	16.5	7	22.5	5.2	141	15	15	3000	0.8	FGC3WK473F172FL5
1600	650	0.056	26	17	8.5	22.5	5.4	168	14	15	3000	0.8	FGC3WK563F202FL5
1600	650	0.068	26	19	10	22.5	5.8	204	13	15	3000	0.8	FGC3WK683F242FL5
1600	650	0.082	26	19	10	22.5	6	246	12	15	3000	0.8	FGC3WK823F242FL5
1600	650	0.1	26	20	11	22.5	6.5	300	11	15	3000	0.8	FGC3WK104F262FL5
2000	700	0.001	18	11	5	15	0.5	9.5	630	12	9500	0.8	FGC3DK102E142EL5
2000	700	0.0012	18	11	5	15	0.6	11.4	500	12	9500	0.8	FGC3DK122E142EL5
2000	700	0.0015	18	11	5	15	0.7	14.25	420	12	9500	0.8	FGC3DK152E142EL5
2000	700	0.0018	18	11	5	15	0.8	17.1	350	12	9500	0.8	FGC3DK182E142EL5
2000	700	0.0022	18	11	5	15	0.9	20.9	300	12	9500	0.8	FGC3DK222E142EL5
2000	700	0.0027	18	11	5	15	1	25.65	240	12	9500	0.8	FGC3DK272E142EL5
2000	700	0.0033	18	11	5	15	1.2	31.35	190	12	9500	0.8	FGC3DK332E142EL5
2000	700	0.0039	18	11	5	15	1.3	37.05	165	12	9500	0.8	FGC3DK392E142EL5
2000	700	0.0047	18	11	5	15	1.4	44.65	135	12	9500	0.8	FGC3DK472E142EL5
2000	700	0.0056	18	12	6	15	1.6	532	110	12	9500	0.8	FGC3DK562E172EL5
2000	700	0.0068	18	12	6	15	1.8	64.6	95	12	9500	0.8	FGC3DK682E172EL5
2000	700	0.0082	18	12	6	15	2	77.9	80	12	9500	0.8	FGC3DK822E172EL5
2000	700	0.01	18	13.5	7.5	15	2.5	95	65	12	9500	0.8	FGC3DK103E292EL5
2000	700	0.012	18	14.5	8.5	15	2.8	114	50	12	9500	0.8	FGC3DK123E342EL5
2000	700	0.015	18	14.5	8.5	15	3	142.5	45	12	9500	0.8	FGC3DK153E342EL5
2000	700	0.018	18	16	10	15	3.8	171	35	12	9500	0.8	FGC3DK183E432EL5
2000	700	0.001	26	15.5	6	22.5	0.6	4.5	550	15	4500	0.8	FGC3DK102F142FL5
2000	700	0.0012	26	15.5	6	22.5	0.7	5.4	450	15	4500	0.8	FGC3DK122F142FL5
2000	700	0.0015	26	15.5	6	22.5	0.8	6.75	360	15	4500	0.8	FGC3DK152F142FL5
2000	700	0.0018	26	15.5	6	22.5	0.9	8.1	300	15	4500	0.8	FGC3DK182F142FL5
2000	700	0.0022	26	15.5	6	22.5	1	9.9	250	15	4500	0.8	FGC3DK222F142FL5
2000	700	0.0027	26	15.5	6	22.5	12	12.15	230	15	4500	0.8	FGC3DK272F142FL5
2000	700	0.0033	26	15.5	6	22.5	1.2	14.85	200	15	4500	0.8	FGC3DK332F142FL5
2000	700	0.0039	26	15.5	6	22.5	1.4	17.55	180	15	4500	0.8	FGC3DK392F142FL5
2000	700	0.0047	26	15.5	6	22.5	1.6	21.15	140	15	4500	0.8	FGC3DK472F142FL5
2000	700	0.0056	26	15.5	6	22.5	1.8	252	120	15	4500	0.8	FGC3DK562F142FL5
2000	700	0.0068	26	15.5	6	22.5	2	30.6	95	15	4500	0.8	FGC3DK682F142FL5
2000	700	0.0082	26	15.5	6	22.5	22	36.9	75	15	4500	0.8	FGC3DK822F142FL5
2000	700	0.01	26	15.5	6	22.5	2.3	45	65	15	4500	0.8	FGC3DK103F142FL5
2000	700	0.012	26	15.5	6	22.5	2.5	54	60	15	4500	0.8	FGC3DK123F142FL5
2000	700	0.015	26	15.5	6	22.5	2.8	67.5	45	15	4500	0.8	FGC3DK153F142FL5
2000	700	0.018	26	15.5	6	22.5	32	81	35	15	4500	0.8	FGC3DK183F142FL5
2000	700	0.022	26	16.5	7	22.5	4	99	26	15	4500	0.8	FGC3DK223F172FL5

工业及变频家电系列
Industrial&Frequency Conversion Household Appliances Series Capacitors
AiSHi THINK AHEAD.
FGC Series - 630Vdc ~ 2000Vdc (Pulse and High Frequency Applications)

Rating and Part Number 标准品一览表

Vdc	Vac	Cap Value μF	Dimensions				Irms max (100KHz 70°C)	Peak Current	ESR Typical 100KHz	ESL	dv/dt	Lead Wire	Part Number
			W	H	T	P							
			mm	mm	mm	mm	A	A	mΩ	nH	V/us	mm	
2000	700	0.027	26	16.5	7	22.5	4.5	121.5	20	15	4500	0.8	FGC3DK273F172FL5
2000	700	0.033	26	17	8.5	22.5	5.2	148.5	18	15	4500	0.8	FGC3DK333F202FL5
2000	700	0.039	26	19	10	22.5	5.8	175.5	15	15	4500	0.8	FGC3DK393F242FL5
2000	700	0.047	26	19	10	22.5	6	211.5	13	15	4500	0.8	FGC3DK473F242FL5
2000	700	0.056	26	20	11	22.5	6.5	252	12	15	4500	0.8	FGC3DK563F262FL5