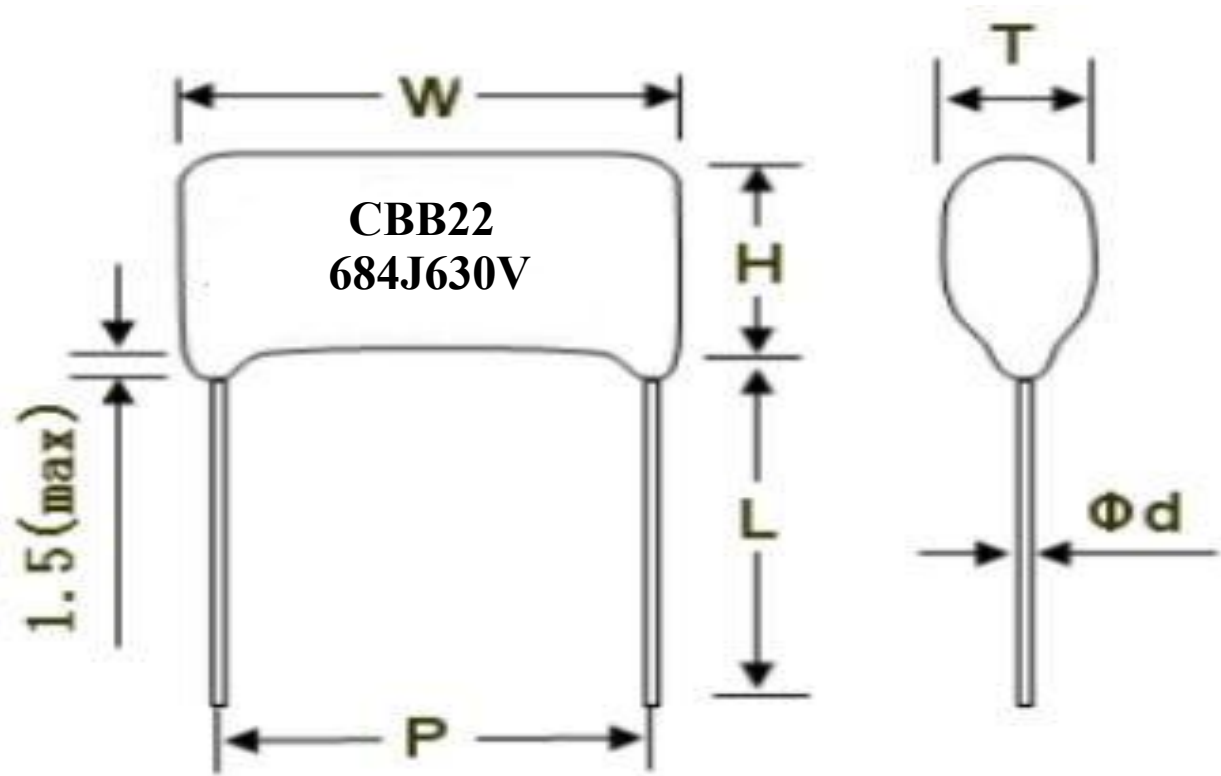


样品承认书 SAMPLE CONFIRMATION		
客户名称 Customer		
产品名称 Product Name		
型号规格 Model No.	684J630V P=20MM	
客户料号 P/No.		
发出日期 Delivery date	2024 年 10 月 05 日	
制造确认 Producer confirmation		
检 测 INSPECTOR	审 核 AUDITOR	审 批 AUTHORIZOR
王 嘉	徐进阔	徐进阔
公司签章 Company signature		
客户确认 Customer confirmation		
检 测 INSPECTOR	审 核 AUDITOR	审 批 AUTHORIZOR
INSPECTIONRESULT	☐ 合格 ACCEPT ☐ 不合格 REJECT	
Company signature		

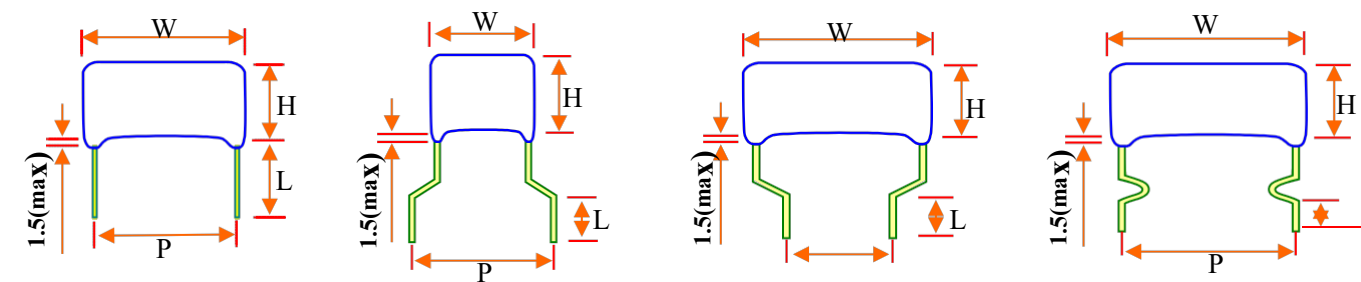
规格型号Specification type			
型号 type	标称容量 uF Nominal capacity	容量误差值 Capacity error value	额定电压 Rated voltage
CBB22	0.68 uF	J(±5%)	630VDC
外形尺寸Shape size（mm）			

W (±1.0)	H (±1.0)	T (±1.0)	P±0.5	L±3.0	Φd±0.05
22	15	8	20	22	0.8
备注Remarks	棕红色				

●外形图示及印字格式如下图Shape illustration and printing format are as follows



●引脚加工图形Pin processing pattern



1.1适用范围Scope of application

金属化聚丙烯膜电容器。
metallized polypropylene film capacitor.

1.2产品特点Product Features

该系列电容器采用聚丙烯膜作介质，用真空蒸发方法将铝沉积在薄膜上作电极卷绕而成；该系列电 容器采用环氧树脂真空浸封。
series capacitors use polypropylene film as medium, vacuum deposition method is used to deposit aluminum on the of the film for electrode winding; the series of capacitors are vacuum potted epoxy resin.

1.3主要用途main use

1.3.1 CBB 电容高频损耗小，内部温升小、自愈性好、可靠性高，适用于高压高频脉冲电路中, 变频器的谐 振电路中, LED驱动高效电路和开关电源高效电路中, 吸收和SCR整流电路中。
CBB electric capacitylow frequency loss, small internal temperature rise, good self-healing, high reliability, suitable for high-voltage high-frequency pulse circuit, in the resonant circuit of the inverter, led drive high-efficiency circuit and switching power supply high-efficiency circuit, Absorption and SCR rectifier circuits.

2. 引用标准Reference standards:

GB2693 《电子设备用固定电容器 第1部分：总规范》；
Gb2693 《Fixed capacitors for electronic equipment - Part 1: General specification》；
IEC384-1
GB10190 《电子设备用固定电容器 第16部分：分规范：金属化聚丙烯膜介质直流固定电容器》；
Gb10190 《Fixed capacitors for electronic equipment - Part 16: Sectional specification: Metallized polypropylene film dielectric DC fixed capacitors》；SJ/T10353《电子元器件详细规范：金属化聚丙烯膜介质直流固定电容器 评定水平E》；
SJ/T10353《Detailed specification of electronic components: metallized polypropylene film dielectric DC fixed capacitor evaluation level E》；

3. 编号规则及产品命名方法Numbering rules and product naming methods

3.1编号规则numbering rules

MPP- 684 J 0630 D B 1 20 1 -N
1 2 3 4 5 6 7 8 9 10

1) 电容器型别 Capacitor type

代码 code	MPX-	CBB21/22	CL21	CBB81
类型 type	MPX	MPP	MPE	C81

2) 电容量代码表示方法 Capacity code representation method

用电容单位法拉表达，前面两位代表容量大小，第三位数要制定跟随以下
Expressed in the capacitor unit method, the first two digits represent the capacity size, and the third digit number should be formulated to follow the following

101=0.0001 μ F 104=0.1 μ F
102=0.001 μ F 105=1.0 μ F
103=0.01 μ F 106=10.0 μ F

3) 电容量偏差 Electric capacity deviation

代码 code	J	K	M
偏差 deviation	± 5%	± 10%	± 20%

4) 额定电压 rated voltage

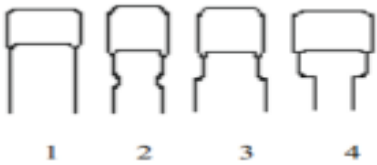
代码 code	0250	0400	0450	0630	1000	0520
类型 type	250V	400V	450V	630V	1000V	520V

5) 额定电压型别 The rated voltage type is different

代码 code	D	A
类型 type	DC	AC

6) 包装方式 manner of packing

代码 code	B	T
类型 type	散装	编带



7) 脚型（如右图）Foot type (as shown on the right)

代码 code	1	2	3	4
类型 type	直脚 pin	K 脚	K 脚	K 脚

8) 脚距（MM）width of guard (MM)

代码 code	05	07	10	15	20	22	25	31
长度 mm length mm	5	7.5	10	15	20	22.5	25.5	31.5

9) 脚长 foot length

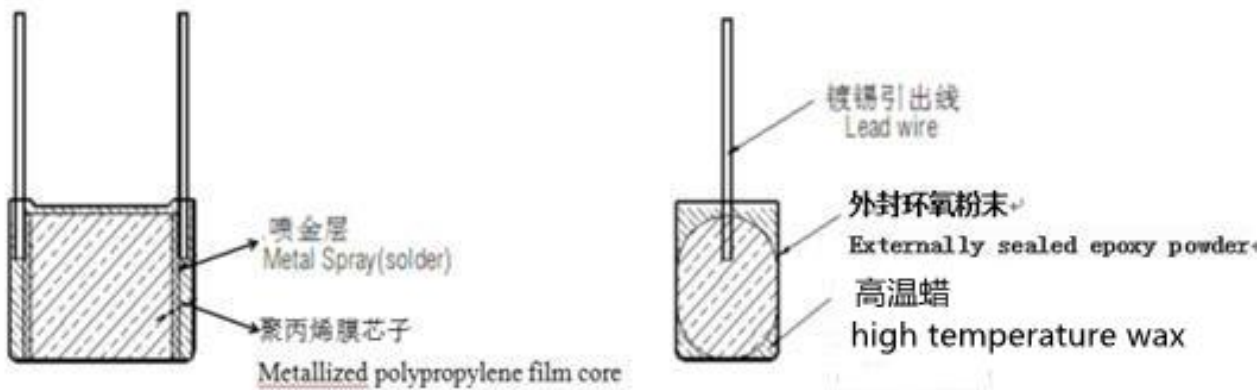
代码	S	2	3	4	6	1	H
长度 mm	<3.3	3.3	3.5	4	6	22	30

10) 内部识别码(若不同客户需求同一编码产品，则在重复料号后加客户代码，如*****-AS11)
Internal identification code (if different customers require the same coding product, add the customer code after repeating the material number, such as * * * * * -AS11)

4.1 外观要求 标志正确，清晰可无明显损伤，针孔气泡，引出线无严重损伤

Appearance requirements ,The logo is correct, clearly readable, No obvious damage, pinhole bubbles, There was no serious damage to the lead line

4.2 产品结构图示Product Structure Diagram



4.4材料清单Bill of Materials

金属化聚丙烯装电容器 Metallized polypropylene film capacitor	介质 medium	聚丙烯 Polypropylene
	电极 electrode	金属化聚丙烯膜 Metallized polypropylene film
	内浸料 Intramural immersion material	高温蜡 high temperature wax
	焊锡 Solder	锡锌合金 Tin-zinc alloy
	外封环氧粉末 Externally sealed epoxy powder	外封环氧粉末 Externally sealed epoxy powder
	引线 lead	镀锡铜包钢线 Tinned copper clad steel wire

5. 技术性能参数 Technical performance parameters

No.	项目 project	性能要求 Performance requirements	试验方法 (GB10190) experiment method
5.1	温度范围 temperature range	-40℃~+105℃ 在温度 85℃(AC form 75℃)以上时, 每上升 1 度, 额定电压下降 1.35% +85℃(AC FROM 75℃): derating factor 1.35% per℃ for R.V(DC))	
5.2	额定电压 U_R Rated voltage U_R	250VDC/400VDC/450VDC/520VDC/630VDC/1000VDC	
5.3	电容量范围 Capacitance range	0.001uF~10uF	IEC60384-16 4.2.2 IEC60384-1 4.7
5.4	电容量允许偏差 Capacitance tolerance	J(±5%), K(±10%)	1KHz, 1.0Vrms, 20℃
5.5	损耗角正切 Loss tangent		
		$C \leq 0.33 \mu F$	$0.33 \mu F < C \leq 1.0 \mu F$
		1KHZ	0.10%
		10KHZ	0.20%
5.6	耐电压 Withstand voltage	无击穿或飞弧 No breakdown or arcing	
		引脚间 between pins Tv: 1.6 U_R dc 60S 极壳间 Between the shells Tv: 2000VAC 5S	
5.7	绝缘电阻 Insulation resistance	$\leq 0.33\mu F, \geq 15000M\Omega$; $>0.33 \mu F, \geq 7500s$	

5.8

最大脉冲
爬升速率
Maximum
Pulse
rising
gradient(
dv/dt)

UR(V)	dv/dt(V/us)						
	P=7.5	P=10	P=15	P=20/22.5	P=25/27.5	P=31.5	P=41.5
100V	180	150	110	60	60	45	30
250V	660	300	220	110	75	60	40
400V	900	515	380	180	120	95	65
450V	900	515	380	180	120	95	65
630V	1500	700	510	220	150	120	85

容许单个尖峰值（脉冲）电流值 Permissible currnt valuse; $I(Ao-P)=C(Uf)*dv/dt(v/us)$; 若连续的尖峰值电流值应用于重复或频繁出现的脉冲情形，要按其峰值的 0.55 倍率设定，较为安全。

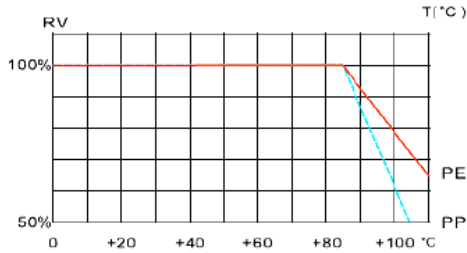
说明 NOTE:

1. 若实际工作电压（U）比额定电压(Ur)低，电容器可工作在更高的 dv/dt 场合，dv/dt 最大值应为上表值乘以 (Ur/U).
2. 1.If the working voltage (U) is lower than the rated voltage(Ur),the capacitor can be workedat a higher dv/dt. In this case,the maximum allowed dv/dt is obtain by multiplying theabove value with Ur/U.

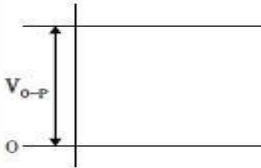
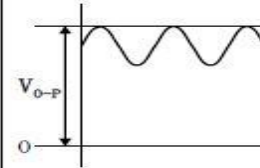
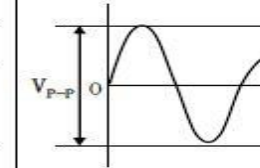
注：额定电压定义：在工作温度范围内，电容持续运行的可承受电压。但是，工作温度在 85℃~105℃之间时(AC form 75℃)，每上升 1℃，额定工作电压应下降 1.35%。

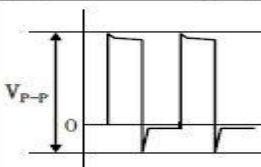
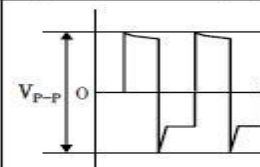
Note:Rated voltage is defined the voltage which shall becapable of appling to capacitors continuously in the operating temperature range.However,rated voltage shall be derated 1.35% per℃ when capacitors operation temperature is between 85℃ to 105℃(AC from 75℃).

注：电容器工作电压（Operating voltage of the capacitor）



确认使用在电容器两个端子上的工作电压，无论直流电压，直流+交流电压，交流电压，脉冲电压，均应在额定电压范围内。Before using, make sure the voltage applied to the both ends of the capacitor is within the limit of the rated voltage,however DC voltage,DC and AC voltage,AC voltage,Pulse voltage etc.

Voltage	(1) DC voltage	(2) DC+AC voltage	(3) AC voltage
Positional Measurement (Rated voltage)			

Voltage	(4) Pulse voltage (A)	(5) Pulse voltage (B)
Positional Measurement (Rated voltage)		

注：电容器使用工作温度范围 Capacitor working temperature range

确认电容器使用的温度（环境温度+电容器自身表面温升+环境辐射温度），不要超过其额定温度范围内。Before using,please make sure the capacitor working temperature (the abmbient temperature+capacitor's temperature+temperature rise caused by environmental radiation temperature) is used should not exceed its rated temperature.

在交流或高频脉冲线路中电容器由于电流通过而发热，如果温升过高将会烧毁电容器。The capacitors used in AC or high frequency pulse circuit emit heat due to the current flowing through ,if the temperature is too high will burn up capacitors.

6. 寿命试验 Life Test

NO	项目 item	特性要求 Characteristic requirement	测试方法及条件 Test method&Condition
1	端子强度 Terminal Strength	拉伸强度 Pull Strength	线径 mm wire diameter
			荷重 Load
			时间 Time
			≤0.5 5N 10S
		弯曲强度 Bending Strength	0.5<d≤0.8 10N 10S
			0.8<d≤1.25 20N 10S
			IEC60384-16 C4.3 IEC60384-1 C4.13 IEC60068 2-21 Test Ua1
			线径 mm wire diameter
			荷重 Load
			次数 Times
			≤0.5 5N 90℃*4
			0.5<d≤0.8 10N 90℃*4
			0.8<d≤1.25 20N 90℃*4
			IEC60384-16 C4.3 IEC60384-1 C4.13 IEC60068 2-21 Test Ua1
2	可焊性 Solderability	端子引线周围至少 95%的面积均匀附锡，且本体无破裂等损坏现象 锡料成分 Sn 97.5%+Ag 2%+Cu 0.5% At least 95% of the Circumference of the Lead wire.Around load surface dipped into with new solder, the body be no visible damage.	焊锡温度：260±5℃ Solder temp 浸渍时间：2.0±0.5S Immersion time IEC60384-16 C4.5 IEC60384-1 C4.15 IEC60068 2-20 Test Ta
3	耐焊接热 Resistance to soldering heat	外观 Appearance	焊锡温度：260±5℃ Solder temp 浸渍时间：10.0±1S Immersion time 恢复时间 1-2 小时 Teen recovery at ordinary condition 1~2hours IEC60384-16 C4.4 IEC60384-1 C4.14 IEC60068 2-20 Test Ta
		容量变化 Capacitance Variation	
		损耗 Dissipation Factor	
		耐电压 Withstand Voltage	
		绝缘电阻 Insulation Resistance	
4	耐久性 Endurance	外观 Appearance	温度 Temp: 105±3℃ 持续时间 Duration: 1000+48h 施加电压 voltage: 1.25 Ur(d.c.)50hz 恢复时间至少 16 小时 Then recovery at ordinary condition at least 16 hours IEC60384-16 C4.12 IEC60384-1 C4.23 IEC60068-2-2
		容量变化 Capacitance Variation	
		损耗 Dissipation Factor	
		耐电压 Withstand Voltage	
		绝缘电阻 Insulation Resistance	

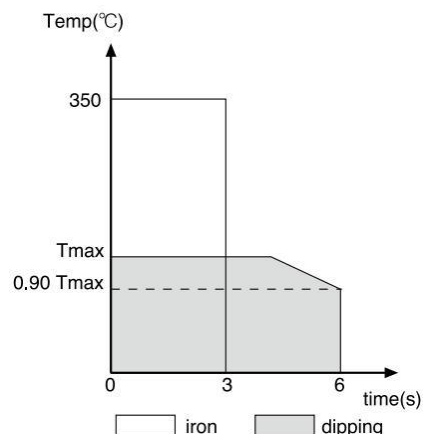
5	稳态湿热 Damp heat, steady state	外观 Appearance	无可见损伤,标志清晰 No visible damage, The marking shall be legible	温度 Temp: $40\pm 2^{\circ}\text{C}$ 湿度 Humidity: 90-95%RH 持续时间 Duration: 56 day 电容不施加电压恢复时间 1-2 小时 Then recovery at ordinary condition 1-2 hours IEC60384-16 C4.11 IEC60384-1 C4.22 IEC60068-2-78 Test cab
		容量变化 Capacitance Variation	$\Delta C/C\leq 5\%$	
		损耗 Dissipation Factor	$\Delta \text{tg}\delta\leq 0.0020$ CR $\leq 1.0\mu\text{F}$ at 1KHZ $\Delta \text{tg}\delta\leq 0.0050$ CR $>1.0\mu\text{F}$ at 1KHZ	
		耐电压 Withstand Voltage	1.6 UR (d.c) 60S 耐电压后无击穿或飞弧 No permanent breakdown or flashover	
		绝缘电阻 Insulation Resistance	$\Delta R/R\leq 50\%$	
6	干热 Dry heat	外观 Appearance	无可见损伤,标志清晰 No visible damage, The marking shall be legible	温度 Temp: $125\pm 2^{\circ}\text{C}$ 持续时间 Duration: 16Hr 恢复时间不低于 4 小时 Then recovery at ordinary condition at least 4 hours IEC60384-16 C4.10.2 IEC60384-1 C4.21.2 IEC60068-2-2 Test Bb
		容量变化 Capacitance Variation	$\Delta C/C\leq 5\%$	
		损耗 Dissipation Factor	$\Delta \text{tg}\delta\leq 0.0050$ CR $\leq 1.0\mu\text{F}$ at 1KHZ $\Delta \text{tg}\delta\leq 0.0070$ CR $>1.0\mu\text{F}$ at 1KHZ	
		耐电压 Withstand Voltage	1.6 UR (d.c) 60S 耐电压后无击穿或飞弧 No permanent breakdown or flashover	
		绝缘电阻 Insulation Resistance	$\Delta R/R\leq 50\%$	
7	寒冷 Cold	外观 Appearance	无可见损伤,标志清晰 No visible damage, The marking shall be legible	温度 Temp: $-40\pm 2^{\circ}\text{C}$ 持续时间 Duration: 4Hr 恢复时间不低于 4 小时 Then recovery at ordinary condition at least 4 hours IEC60384-16 C4.10.4 IEC60384-1 C4.21.4 IEC60068-2-2 Test Ab
		容量变化 Capacitance Variation	$\Delta C/C\leq 5\%$	
		损耗 Dissipation Factor	$\Delta \text{tg}\delta\leq 0.0050$ CR $\leq 1.0\mu\text{F}$ at 1KHZ $\Delta \text{tg}\delta\leq 0.0070$ CR $>1.0\mu\text{F}$ at 1KHZ	
		耐电压 Withstand Voltage	1.6 UR (d.c) 60S 耐电压后无击穿或飞弧 No permanent breakdown or flashover	
		绝缘电阻 Insulation Resistance	$\Delta R/R\leq 50\%$	

8	浪涌 Surge	外观 Appearance	无可见损伤,标志清晰 No visible damage, The marking shall be legible	When $CR \leq 1.0 \mu F$ $UP = 1.6UR$ When $CR > 1.0 \mu F$ $UP = UR$ time:10s Cycle times:24 次 前三次脉冲没有发生自愈性击穿, 则可停止, 为合格 IEC60384-1 C4.26 IEC60060-1
		容量变化 Capacitance Variation	$\Delta C/C \leq 5\%$	
		损耗 Dissipation Factor	$\Delta tg\delta \leq 0.0030$ $CR \leq 1.0 \mu F$ at 1KHZ $\Delta tg\delta \leq 0.0060$ $CR > 1.0 \mu F$ at 1KHZ	
		耐电压 Withstand Voltage	1.6 UR (d.c) 60S 耐电压后无击穿或飞弧 No permanent breakdown or flashover	
		绝缘电阻 Insulation Resistance	$\Delta R/R \leq 50\%$	
9	充放电 Charge and discharge	外观 Appearance	无可见损伤,标志清晰 No visible damage, The marking shall be legible	Test voltage: UR (d.c.) time:1Cycle/s Cycle times:10000 Dv/Dt:100 V/μs. resistor: $(220 * 10^{-6} / CR) \Omega$ IEC60384-16 C4.13 IEC60384-1 C4.27
		容量变化 Capacitance Variation	$\Delta C/C \leq 5\%$	
		损耗 Dissipation Factor	$\Delta tg\delta \leq 0.0050$ $CR \leq 1.0 \mu F$ at 1KHZ $\Delta tg\delta \leq 0.0070$ $CR > 1.0 \mu F$ at 1KHZ	
		耐电压 Withstand Voltage	1.6 UR (d.c) 60S 耐电压后无击穿或飞弧 No permanent breakdown or flashover	
		绝缘电阻 Insulation Resistance	$\Delta R/R \leq 50\%$	
10	振动 Vibration	外观 Appearance	无可见损伤,标志清晰 No visible damage, The marking shall be legible	上下左右前后三个方向各 2H, 频率 10-55Hz 振幅 0.75mm 或 98m/S2 3 directions at 2 hours IEC60384-16 C4.8/4.9 IEC60060-1 C4.18 IEC60068-2-6, test Fc
11	碰撞或冲击 Bump	外观 Appearance	无可见损伤,标志清晰 No visible damage, The marking shall be legible	次数 NO: 1 000 or 4 000 加速度 Acceleration: : 400 m/s² Pulse duration: 6 ms IEC60384-16 C4.8 IEC60060-1 C4.18 IEC60068-2-29, test Eb

7. 波峰焊接（最大焊接温度）Peak Welding (Maximum Welding Temperature)

7.1 焊接条件请按照右侧的焊接图表：Welding conditions should follow the welding chart on the right side:

	Tmax	Time	Note
预热 Pre-heating	110℃	1min	
	100℃	1min	OPP ≤ 7.5
焊接 Soldering	270℃	4s	
	260℃	4s	OPP ≤ 7.5



7.2 如需焊接两次，第二次焊接必须等到电容器恢复到常温。

If twice welding is required, the second welding must wait until the capacitor is restored to normal temperature.

7.3 插件产品仅适合使用波峰焊接 Plug-in products are only suitable for wave soldering

8. 包装及运输要求 Packaging and transportation requirements

8.1 包装袋内及包装箱上标签上应标明 Labels on the inside of the bag and on the package should be marked

a. 物料编号 Material number

b. 供方商标 Supplier trademark

c. 产品型号 Product model d.

标称容量 nominal capacity

e. 允许容量偏差 Allowable capacity deviation

f. 额定电压 rated voltage

g. 生产批次号或生产日期 Production batch number or production date

h. 数量 Quantity

i. 检验员 Inspector

j. 包装员 Packer

8.2 包装方式 Packaging method

电容先用塑料袋包装，每袋100的整数倍，袋内放有合格证。然后装入包装箱。或以客户要求编带等

Capacitors are first packaged in plastic bags, an integral multiple of 100 per bag, and a certificate is placed in the bag. Then load it into the box. Or taped at the customer's request, etc.

8.3 运输要求及储存 Transport Requirements and Storage

装有电容器的包装箱允许以任何方式运输，但应避免雨雪的直接淋浇和机械损伤；电容器应保存在0℃～+35℃温度下，湿度≤70%以下，应避免温度剧烈变化，阳光直射和腐蚀性气体，存放期不超出12个月，如超过12个月以上的电容器，使用前应检查电气性能和可焊性试验确认后再投入使用。

Packaging boxes equipped with capacitors are allowed to be transported in any way, but direct rain and snow pouring and mechanical damage should be avoided. Capacitors should be stored at temperatures ranging from 0 to + 35 C, with relative humidity below ≤75%, drastic temperature changes, direct sunlight and corrosive gases should be avoided. Storage period should not exceed 12 months, such as electricity over 12 months. Containers should be checked for electrical performance and weldability test before they are put into use.

8.4 本体标识、合格证及外包装标识 Body identification, certificate and outer packaging identification

外箱标签 Outer box label

内标签 Inner label

外箱图示 Outer case diagram

9. 电流对频率特性 Arms Vs Frequency

允许电流通常由均方根电流和尖峰电流表示。
A permissible current is regulated by both a root-mean-square value current and a peak current.
均方根电流（等效电流）如下附图所示

A root-mean-square value current is to be a permissible current value to frequency attached.
允许尖峰电流中的连续尖峰电流值应为持续电流，
The values of continuous peak current in the allowable peak current shall be those of continuous current,
单个尖峰电流应为不连续电流，如开关动作中的脉冲电流。

And the values of single peak current shall be those of discontinuous current such as rush current in 最高次数的单峰电流次数应限制在 10000 次内(若有超过 10000 次，请告知我们)。

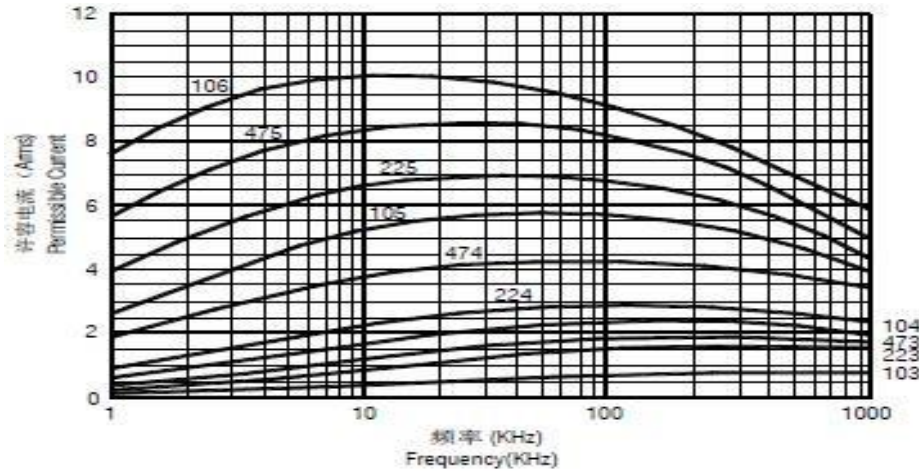
Switching on or off. The highest number of times of single peak current shall be limited to 10,000times. (In case of exceeding 10,000times, please contact us.)

允许电流（Arms）对频率特性曲线图（正弦波， $\Delta T \leq 12^{\circ}\text{C}$ ）
Characteristics of permissible current (Arms)Vs Frequency - (sinusoidal wave , $\Delta T \leq 12^{\circ}\text{C}$)

允许电流（Arms）对频率特性曲线图（正弦波， $\Delta T \leq 12^{\circ}\text{C}$ ）

Characteristics of permissible current (Arms)Vs Frequency - (sinusoidal wave , $\Delta T \leq 12^{\circ}\text{C}$)

100V/160V/250V



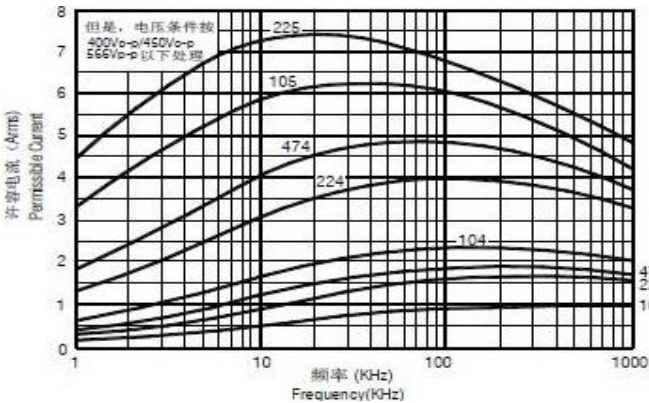
电流 Vs 频率特性图

Characteristics of permissible current (Arms)Vs Frequency

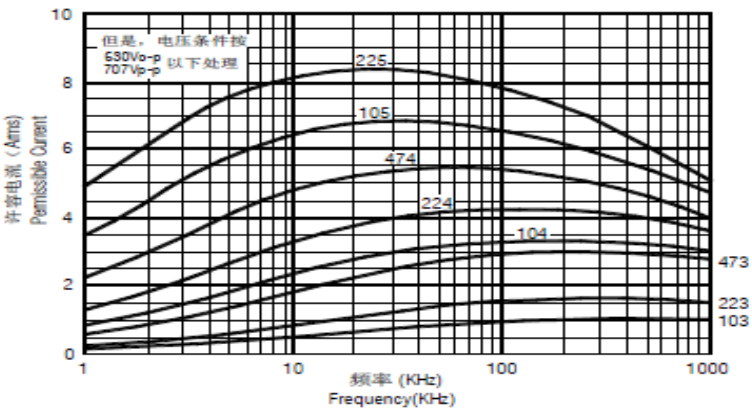
允许电流（Arms）对频率特性曲线图

（ 正弦波， $\Delta T \leq 12^{\circ}\text{C}$ ）

400V/450V

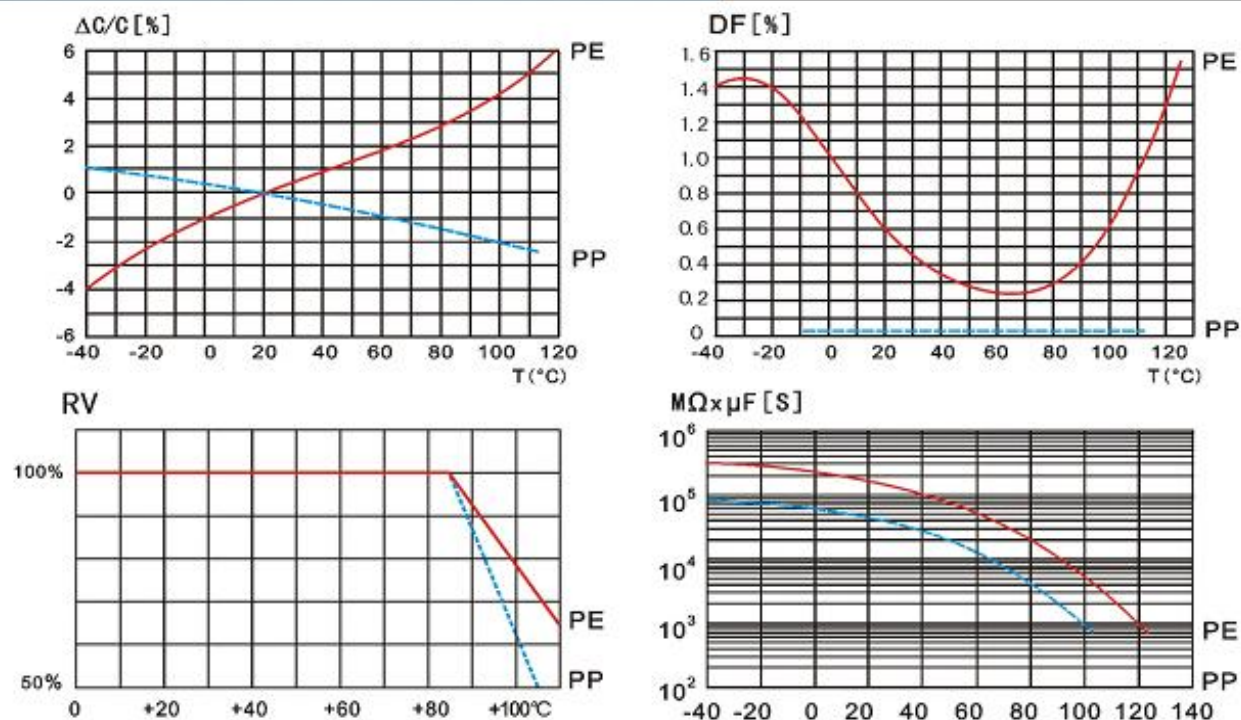


630V

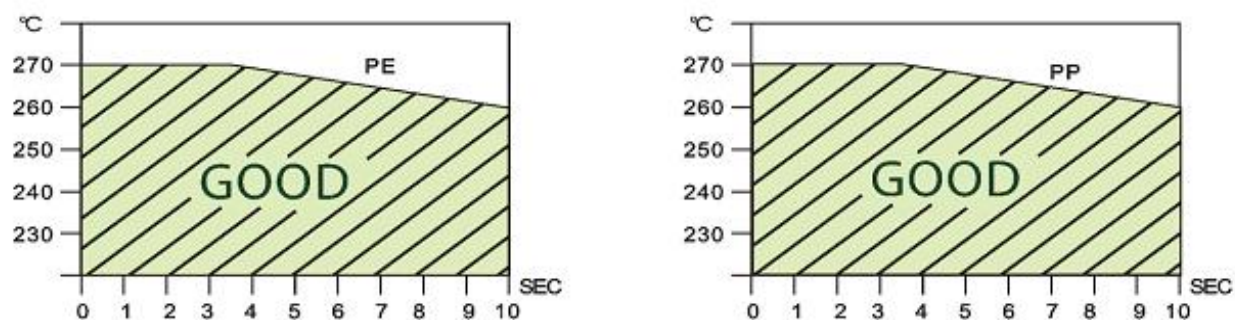


10. 温度特性图 Temperature characteristic diagram

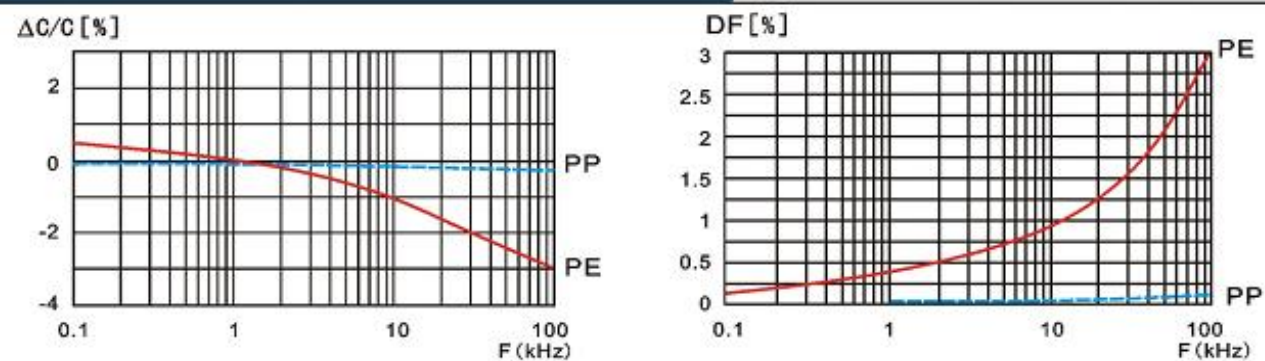
TEMPERATURE CHARACTERISTICS



SOLDERING TEMPERATURE VS. TIME



FREQUENCY CHARACTERISTICS



11. 测试条件 test condition

除非有附加说明, 否则测量和测试会在以下环境条件下进行: 环境温度: 5℃-35℃ 相对湿度: <70% 大气压: 86Kpa-106Kpa; 在对结果有任何疑问的时候, 测量和测试将会在以下条件下进行: 环境温度: 20±2℃ 相对湿度: 60%-70% 大气压: 86Kpa-106Kpa

Unless otherwise specified, measurements and tests will be carried out under the following environmental conditions: Ambient temperature: 5℃-35℃, relative humidity: <70%, atmospheric pressure : 86 kPa-106 kPa; When there is any doubt about the results, the measurement and test will be carried out under the following conditions: ambient temperature: 20 2℃, relative humidity: 60%-70% atmospheric pressure: 86Kpa-106Kpa

12. 使用注意事项Precautions for use

1. 电容器在高频尤其是高能量谐波作用下电容会产生较大的自身发热现象, 自热太大会导致 电容器劣化或热破坏, 因此, 在设计和使用过程中, 电容器因自热产生的温升应控制在10℃以内。

2. 由于高温对薄膜电容器性能影响很大, 请设计电路时, 勿将薄膜电容器贴近发热源(如功率管, 变压器 等), 这些发热器件散发的热量尽量不要辐射到电容器本体, 防止电容器本体温度过高。

1. Under the action of high frequency, especially high energy harmonic, the capacitor will generate large self-heating phenomenon, and the self-heating will lead to capacitor deterioration or thermal damage. Therefore, the temperature rise of the capacitor due to self-heating should be controlled within 10℃ during the design and use process.

2. Since high temperature has a great influence on the performance of the thin film capacitor, please do not place the thin film capacitor close to the heating source (such as power tube, transformer, etc.) when designing the circuit. The heat emitted by these heating devices should not be radiated to the capacitor body as far as possible to prevent the temperature of the capacitor body from being too high.

13. 变更 (涉及下述内容的变更都会事先与客户联络, 在客户认可后才会实施变更)

Changes (changes involving the following contents will be communicated with the customer in advance and will not be implemented until the customer approves them)

- (1) 安全规格变更Safety specification change
- (2) 设计变更 Design change
- (3) 生产场所变更Change of production site
- (4) 检查方法、作业方法变更Changes in inspection methods and operation methods

14. 我司所有产品均可以满足环保ROHS 2.0相关标准

All our products can meet the environmental protection ROHS 2.0 related standards.