

CBB25 series / Ignition Metallized polypropylene film capacitor

General Technical Characteristics 一般特性

Metallized polypropylene film
 金属化聚丙烯膜
 Small volume with good self-healing property
 体积小, 有良好自愈性能
 Low dissipation at high frequency, low temperature rise
 高频损耗小, 温升低
 High voltage resistance, excellent ability to withstand charging-discharging process
 耐电压高, 承受充放电能力强, 瞬间较高过电流能力强

General Technical Characteristics 一般特性

Epoxy resin sealing, excellent flame retardant and moisture proof
 阻燃环氧树脂, 符合UL94 V-0

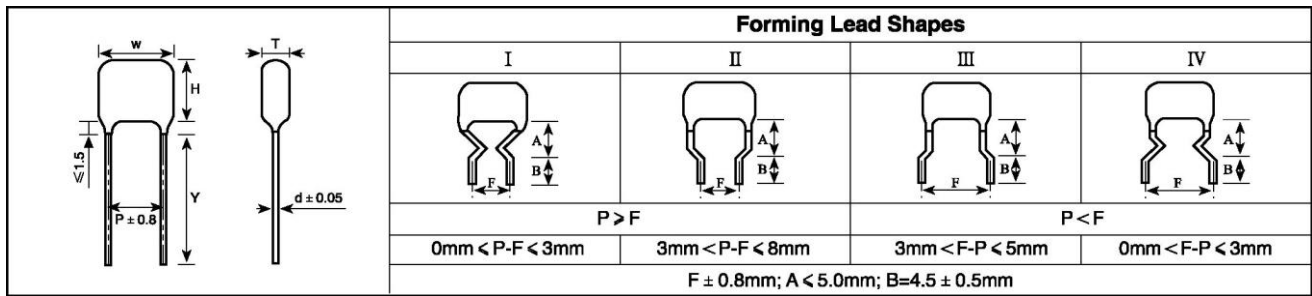
Applications 应用

Specially used for ignition in motorcycle, cooking range etc.
 适用于摩托车, 灶具等点火专用电容器。

Electrical Characteristics 电气特性

Reference standard 引用标准: GB/T 10190 (IEC60384-2)
 Climatic Category 气候类别: 40/110/56
 Operating Temperature Range: -40°C ~ 110°C
 工作温度范围: (+85°C to +110°C: decreasing factor 1.25% per °C for U_R)
 Rated Voltage 额定电压: 250VDC, 400VDC, 450VDC, 630VDC, 1000VDC
 Capacitance Range 电容量范围: 0.47 μ F ~ 2.2 μ F
 Capacitance Tolerance 电容量偏差: $\pm 5\%$ (J), $\pm 10\%$ (K)
 Dissipation factor 损耗角正切: $\leq 10 \times 10^{-4}$ Measured at 1KHz and 20°C.
 Test Voltage 耐电压: $1.6U_R$ for 5 sec.
 Insulation resistance 绝缘电阻: $\geq 30000M\Omega$ $C_R \leq 0.33 \mu F$; $\geq 1000S$, $C_R > 0.33 \mu F$. Measured at 20°C, 100V and 1 min.

Outline Drawing 外形图



Part Number System 产品编码说明

K6M	2E	105	J	F	L	0	20	***
型号代码	额定电压	标称容量	容量偏差	引线脚距 P	引线加工/包装代码	引线加工脚距	引线长度	内部编码
Series Code:	Voltage:	Capacitance:	Cap. Tol.:	Lead Space:	Lead form and packaging code:	Lead form F:	Lead length:	Internal code
K6M:	2E=250VDC	104=0.1 μ F	J= $\pm 5\%$	E=7.5mm	L=straight lead	0=none	05=5mm	code
CBB25	2G=400VDC	105=1.0 μ F	K= $\pm 10\%$	F=10.0mm	K=lead kinked	D=5.0mm	20=20mm	
Series	2S=450VDC			H=15.0mm	T=ammo-pack	E=7.5mm		
				J=22.5mm		F=10.0mm		

Electrical Specification & Part Numbers Reference 规格型号参考

Unit: mm (max)

Cap (μ F)	450VDC(250VAC)				Part Number
	W	H	T	d	
0.47	18.0	10	5.5	15.0	K6M2S474*****
0.56	18.0	11	6.0	15.0	K6M2S564*****
0.68	18.0	13	6.5	15.0	K6M2S684*****
0.82	18.0	14	7.0	15.0	K6M2S824*****
1.0	18.0	15	8.0	15.0	K6M2S105*****
0.68	23.0	12.5	7.5	20.0	K6M2S684*****
0.82	23.0	13.5	8.0	20.0	K6M2S824*****
1.0	23.0	15.5	8.5	20.0	K6M2S105*****

Cap (μ F)	450VDC(250VAC)				Part Number
	W	H	T	d	
1.2	23.0	16.0	9.5	20.0	K6M2S125*****
1.5	23.0	17.5	11.0	20.0	K6M2S155*****
1.0	28.0	14.0	7.0	25.0	K6M2S105*****
1.2	28.0	15.0	8.0	25.0	K6M2S125*****
1.5	28.0	14.0	7.0	25.0	K6M2S155*****
1.8	28.0	15.0	8.0	25.0	K6M2S185*****
2.0	28.0	16.0	9.5	25.0	K6M2S205*****
2.2	28.0	16.5	10.0	25.0	K6M2S225*****

备注: 1. "*****" = Capacitance tolerance code, Pitch, Lead form and packaging code, Lead form, Lead length, Internal code.

"*****" 表示容量偏差, 引线脚距, 引线加工和包装代码, 引线加工脚距, 引线长度, 内部编码。

2. Customization for special specification and requirement is available.