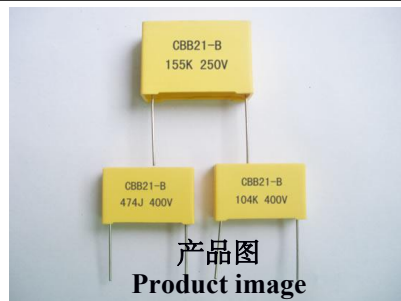




◆ 外形尺寸 (mm) 表

Dimension Lists (mm) Diagram

金属化聚丙烯膜塑壳电容器 CBB21B/MPB
Metallized Polypropylene Film Capacitor –Box
Type: CBB21B/MPB



型号 Type	容量 Cap (μ F)	额定电压 Rated Voltage	等级 Capacitance Tolerance	外形尺寸(mm) Dimensions (mm)					
				W \pm 0.5	H \pm 0.5	T \pm 0.5	P \pm 0.5	Lmin	Φ d
CBB21B223J400VC2T	0.022	400Vdc	J	13	11	5	10	20	0.6
CBB21B222J1000VD1 L5	0.0022	1000Vdc	J	18	11	5	15	20	0.8
备注 note									



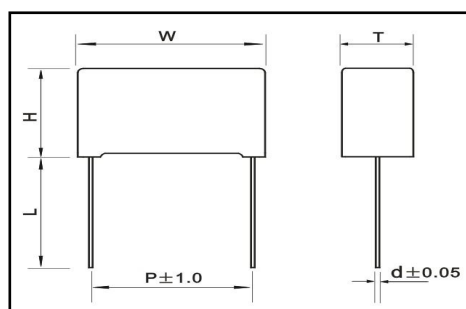
金属化聚丙烯膜塑壳电容器 MPB

Metallized Polypropylene Film Capacitor –Box Type: MPB

为无感结构，用金属化聚酯膜作为电介质/电极绕制而成，导线采用镀锡铜包钢线，使用环氧树脂密封在塑壳内。

Are non-inductively wound with metallized polypropylene film as dielectric/electrode with copper-clad steel leads and encapsulated in a plastic case sealed with epoxy resin.

◆ 外形图: Outline Drawing:



◆ 特性:

- 损耗因素小、绝缘电阻高
- 高频损耗小/内部温升小
- 塑料外壳，阻燃环氧填充

◆ Features:

- Low dissipation factor high insulation resistance.
- Low loss at high frequency/Small inherent temperature rise.
- Plastic case, Epoxy resin sealing.

◆ 主要用途:

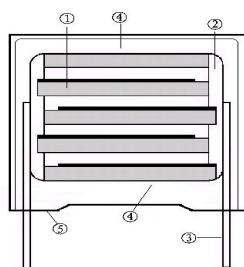
- 高压、大电流的脉冲电路中。
- 电子照明（如电子镇流器、E-HID）
- 高频交流负荷。
- 彩电的 S 校正电路设计，应急灯、开关电源、定时、振荡回路。

◆ Typical Applications:

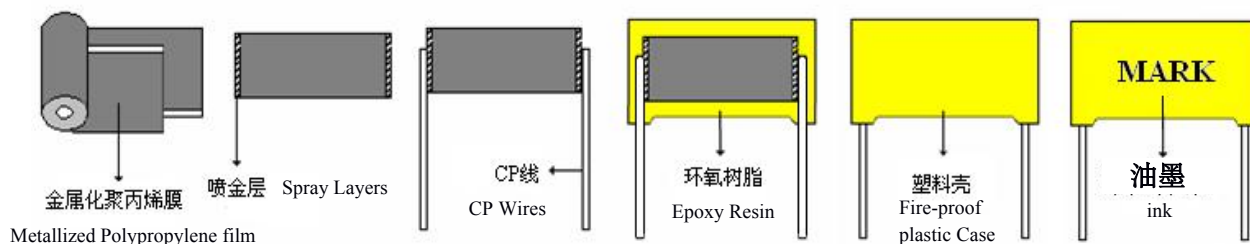
- Pus applications with high A.C. voltage and high current.
- Electric lighting (i.e. Electric ballast, E-HID)
- High-frequencies A.C. loads.
- TV S correct circuit design, emergency light, switch power, timing, oscillation loop.

◆ 结构图:

structure chart:



- | | |
|--------------|-------------------------------|
| ① 金属化聚丙烯膜 | Metallized Polypropylene film |
| ② 喷金层 | Spray Layers |
| ③ CP 线 | CP Wires |
| ④ 环氧树脂 | Epoxy Resin |
| ⑤ PBT 阻燃塑料外壳 | Fire-proof plastic Case |



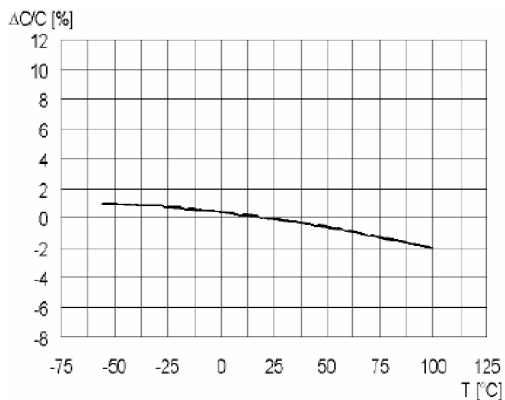
◆ 性能说明:
Specification:

参考标准: Reference Standards:	GB10190-88(China)IEC384-1 (International Electric Committee) GB384-16 (International Electric Committee)
额定电压: Rated Voltage(U_R):	100VDC; 250VDC; 400VDC; 630VDC; 1000VDC
温度范围: Operation Temperature Range:	-40°C - +110°C
电容量范围: Capacitance Range:	MPP: 0.001 μ F - 3.3 μ F
电容量偏差范围: Capacitance Tolerance Range:	J($\pm 5\%$); K($\pm 10\%$); M ($\pm 20\%$)
电介质: Dielectric:	聚丙烯膜 Polypropylene Film
损耗角正切: (25°C \pm 5°C) Dissipation Factor Tan δ :	$\leq 0.1\%$ (1KHZ) (25°C \pm 5°C)
绝缘电阻, 在引出端之间 Insulation Resistance: Between Terminals:	100VDC, Min $C \leq 0.33 \mu F$ $\geq 50000 M\Omega$ $> 0.33 \mu F$ $\geq 15000 M\Omega \cdot S$
耐电压: Withstand Voltage:	2 U_R (10S)
寿命试验: Life. Test Conditions:	110 \pm 2°C, 1.25 U_R , 1,000Hours 电容变化率: 初始值的 $\leq \pm 3\%$ Capacitance Drift: $\leq \pm 3\%$ Of the initial value 损耗角正切 \leq 原测量值的 50% (1KHz) Dissipation Factor $\leq 50\%$ (1KHz)

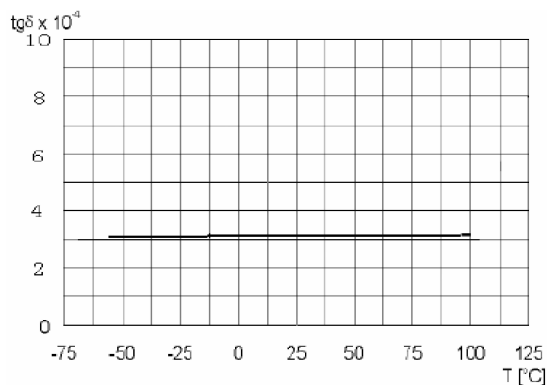


◆ 聚丙烯膜电容器特性曲线:

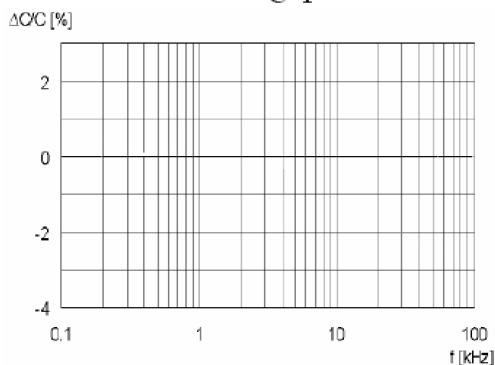
Polypropylene film capacitor characteristic curve:



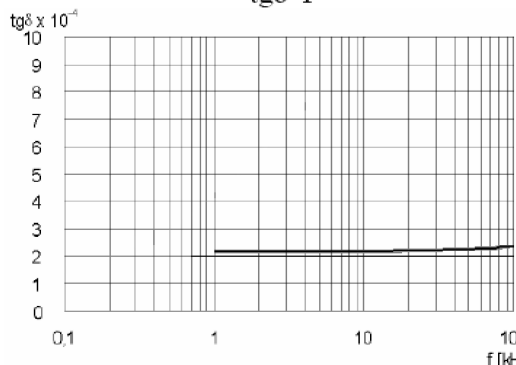
C-T



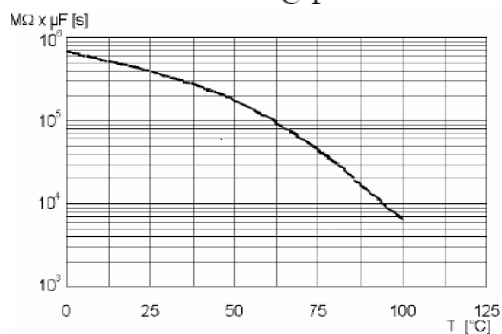
tgδ-T



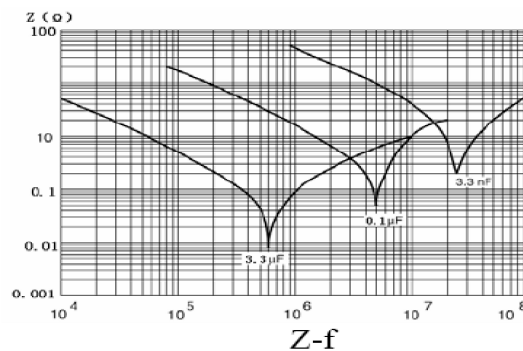
C-f



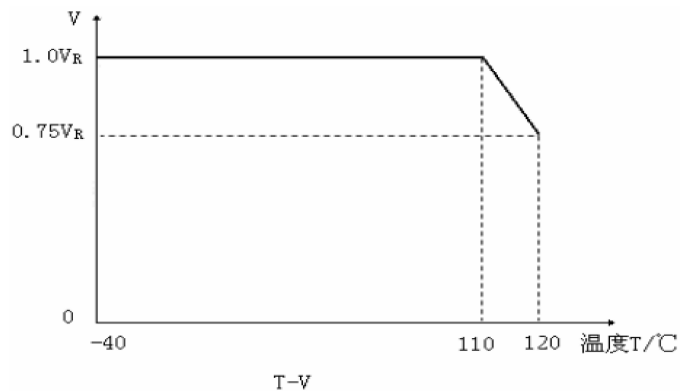
tgδ-f



R-T



Z-f



T-V