

MPE-A

Metallized Polyester Film Capacitors

## 金属化聚酯膜电容器

MPE-A



## 产品特点.Characteristics

- 金属化聚丙烯膜材质, 无感卷绕结构;
- 镀锡铜包钢线径向引出;
- 阻燃环氧树脂粉末封装;
- 高dv/dt;
- Metallized polypropylene film, Non inductive winding structure;
- Radial lead out of tin coated copper clad steel wire;
- Flame retardant epoxy resin powder encapsulation;
- High dv/dt;

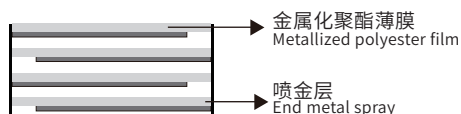
## 产品应用.Application

- 特别为HID灯镇流器设计;
- 广泛应用于高频、直流、交流和脉冲电路中。
- Especially design for HID ballast
- Widely used in high frequency, DC and pulse circuits

## 性能参数.Technical Data

● 引用标准 Reference Standards	GB/T 7332(IEC 60384-2)	
● 气候类别 Climate Category	40/085/21	
● 工作温度范围 Operating Temperature Range	-40°C~85°C Tmax105°C	
● 额定电压 Rated Voltage	800VDC	
● 电容量范围 Capacitance Range	0.1μF~0.33 μF	
● 电容量偏差 Capacity Tolerance	±5%(J); ±10%(K); ±20%(M)	
● 耐电压 Withstand Voltage	$V_{tst}: 1.6UN\ 5S\ (at\ 20\pm 5^{\circ}C)$	
● 损耗角正切 Dissipation Factor	$tg\delta \leq 0.0100\ (20^{\circ}C, 1KHz)$	
● 绝缘电阻 Insulation Resistance	$\geq 30000M\Omega\ (at\ 20^{\circ}C\ 100VDC\ 1Min)$	
● 最大脉冲爬升速度 Maximum Pulse Rise Time (dv/dt)	$U_N(V)$	dV/dt (V/μS)
	800VDC	P=15mm 200

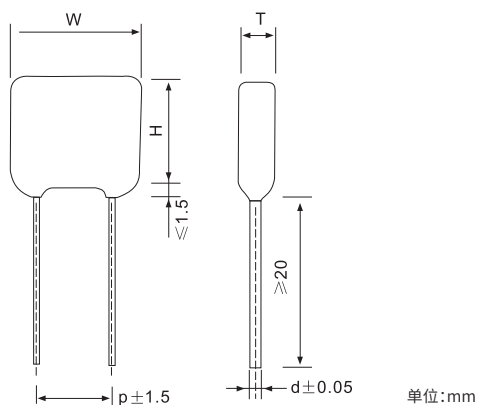
## 结构图.Construction Diagram



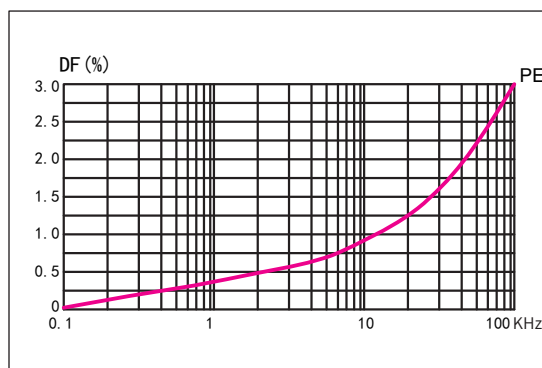
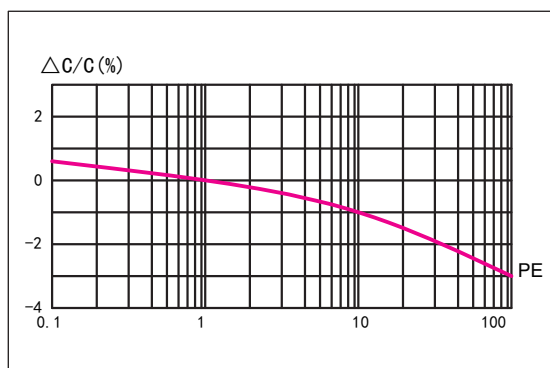
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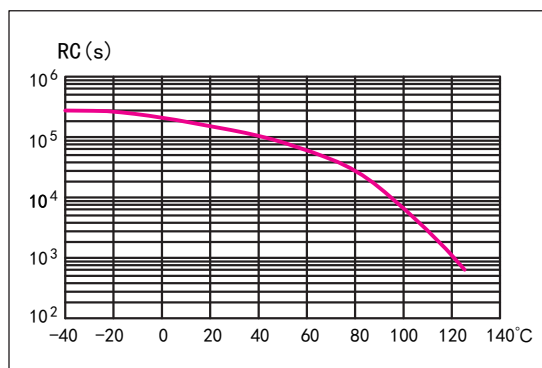
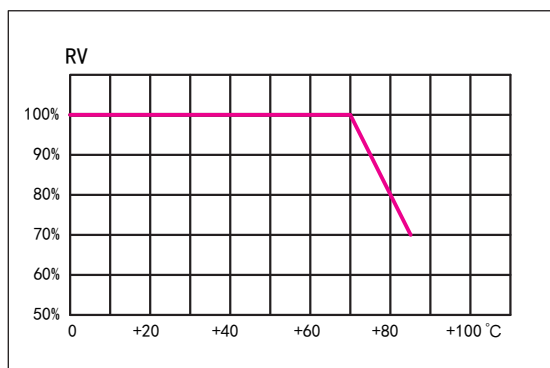
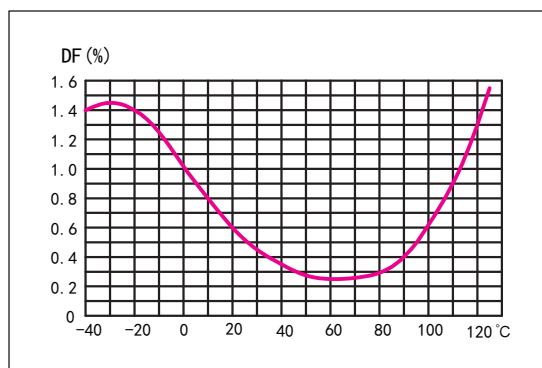
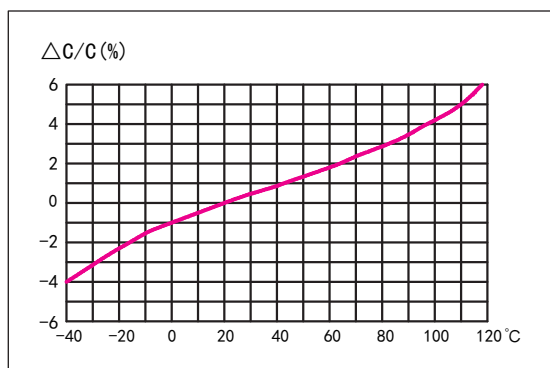
### 产品外形.Product Shape



### 频率特性.Temperature Characteristics



### 温度特性.Frequency Characteristics



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参数表.Article Table

C (μF)	800VDC				
	W(max)	H(max)	T(max)	P	dΦ
0.1	18	11.0	7.0	15	0.6
0.12	18	11.5	7.5	15	0.8
0.15	18	11.5	7.5	15	0.8
0.22	18	15.5	9.0	15	0.8
0.30	18	16.0	10.0	15	0.8
0.33	18	17.5	11.0	15	0.8

以上表格/图形仅供参考, 以实物为准, (单位:mm)

The above table / graphics are for reference only, subject to the actual product (unit: mm)