

CL23

Metallized Polyester Film Capacitors

金属化聚酯膜电容器
CL23



产品特点.Characteristics

- 金属化聚酯膜材质；
 - 叠片式结构；
 - 塑料外壳封装；
 - 外观一致性好；
 - 阻燃环氧树脂灌封；
- Metallized polyester film dielectric
 - Laminated structure
 - Flame retardant epoxy resin embedment
 - Plastic shell encapsulation
 - Perfect appearance consistency

产品应用.Application

- 应用于脉冲、定时、旁路、隔直、耦合等电路中；
- Used in Bypass, Straight, Coupling, Pulse, Timing Circuits, etc.

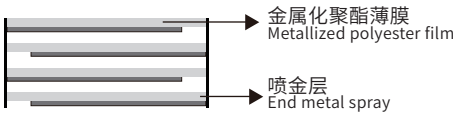
性能参数.Technical Data

● 引用标准 Reference Standards	GB/T 7332(IEC60384-2)			
● 气候类别 Climate Category	40/85/21			
● 工作温度范围Operating Temperature Range	-40℃~85℃ Tmax 105℃			
● 额定电压Rated Voltage	50/63VDC、100VDC、250VDC 、400VDC、630VDC			
● 电容量范围Capacitance Range	0.001μF~2.2μF			
● 电容量偏差Capacity Tolerance	±5%(J); ±10%(K); ±20% (M)			
● 耐电压Withstand Voltage	V _{t-t} : 1.6UN 5S (at20±5℃)			
● 损耗角正切Dissipation Factor	测试频率 Test Frequency	C _N ≤0.1μF		C _N >0.1μF
	1KHz	≤0.0100		>0.0100
	10KHz	≤0.0150		>0.0150
	100KHz	≤0.0300		---
● 绝缘电阻Insulation Resistance (at 20℃ 100VDC 1Min)	C _N ≤0.33μF		C _N >0.33μF	
	U _N ≤100V	U _N > 100V	U _N ≤100V	U _N > 100V
	≥15000MΩ	≥30000MΩ	≥1000S	≥10000S
● 最大脉冲爬升速度Maximum Pulse Rise Time(dV/dt)	U _{R(V)}	dV/dt(V/μS)		
	50/63VDC	75		
	100VDC	85		
	250VDC	150		
	400VDC	200		

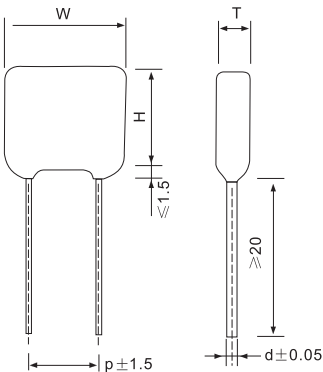
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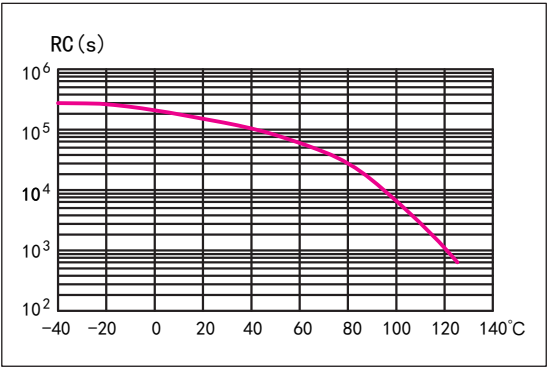
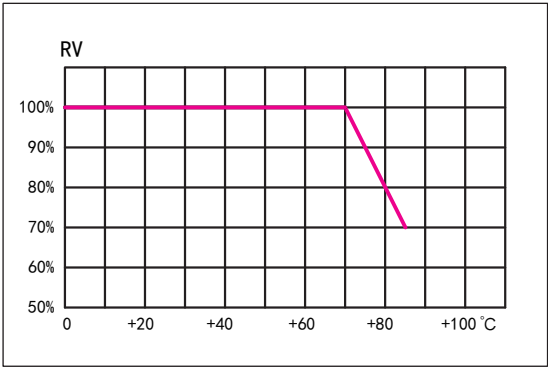
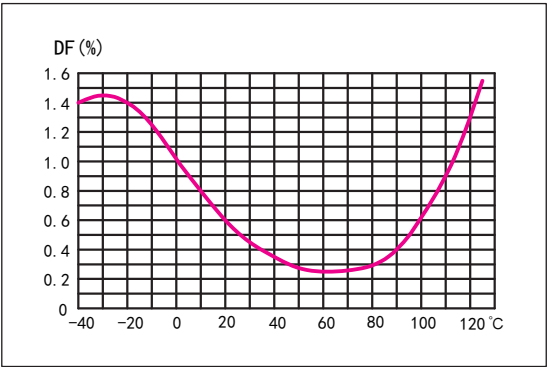
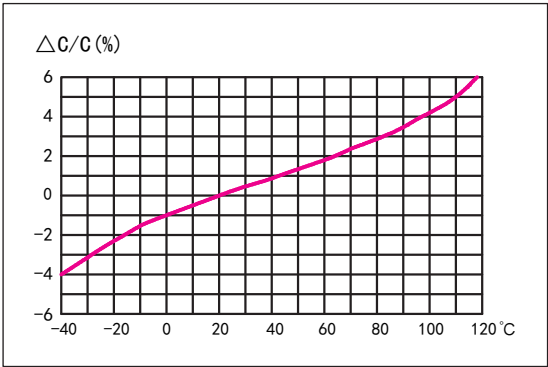
结构图.Construction Diagram



产品外形.Product Shape

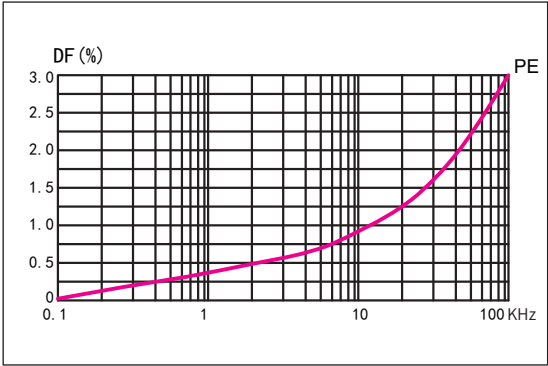
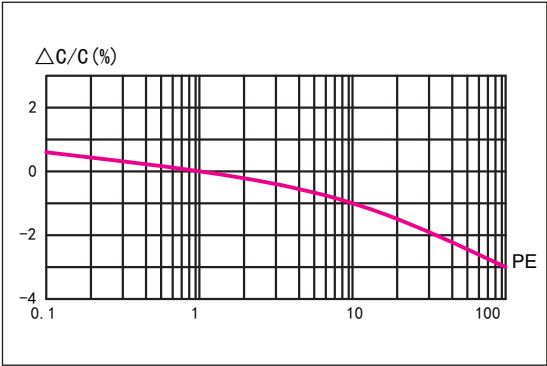


温度特性.Frequency Characteristics



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频率特性.Temperature Characteristics



参数表.Article Table

Capacity (μ F)	63V					100V				
	Wmax	Tmax	Hmax	P $\pm$ 1	d $\pm$ 0.05	Wmax	TMax	Hmax	P $\pm$ 1	d $\pm$ 0.05
0.0010	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0015	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0022	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0033	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0047	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0068	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0082	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0100	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0150	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0220	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0330	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0470	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0680	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.0820	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.1000	7.2	2.5	6.5	5	0.5	7.2	2.5	6.5	5	0.5
0.1500	7.2	3.5	7.5	5	0.5	7.2	3.5	7.5	5	0.5
0.2200	7.2	3.5	7.5	5	0.5	7.2	3.5	7.5	5	0.5
0.3300	7.2	4.5	9.5	5	0.6	7.2	4.5	9.5	5	0.6
0.4700	7.2	4.5	9.5	5	0.6	7.2	4.5	9.5	5	0.6
0.6800	7.2	6.0	11.0	5	0.6	7.2	6.0	11.0	5	0.6
1.0000	7.2	6.0	11.0	5	0.6	7.2	6.0	11.0	5	0.6

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)