

CL11

Polyester Film Capacitor

聚酯膜电容器

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产品特点.Characteristics

- 聚酯膜材质;
- 有感卷绕结构;
- 环氧树脂封装;
- 引线直接点焊于电极;
- 体积小, 重量轻;
- Polyester dielectric
- Inductive winding structure
- Epoxy resin coating
- Spot welding of lead wire to electrode directly
- Small size and light weight

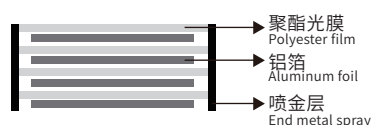
产品应用.Application

- 广泛用于通讯器材、收录机、电视机等各种电子设备的直流和低脉冲电路中;
- Widely used in DC, Pulsating Circuits like Communication Equipments, Radio Recorder, TV Sets, VCD etc

性能参数.Technical Data

● 引用标准 Reference Standards	GB6346 (IEC60384-11)	
● 气候类别 Climate Category	55/085/21	
● 工作温度范围 Operating Temperature Range	-40°C~85°C Tmax 105°C	
● 额定电压 Rated Voltage	50VDC、63VDC、100VDC、250VDC、400VDC、630VDC、1000VDC	
● 容量范围 Capacity Range	0.001μF~0.47 μF	
● 容量偏差 Capacity Tolerance	±5%(J); ±10%(K); ±20%(M)	
● 耐电压 Withstand Voltage	2U _N (5S)	
● 损耗角正切 Dissipation Factor	tgδ ≤ 0.0100 (20°C, 1KHz)	
● 绝缘电阻 Insulation Resistance (at 20°C 100VDC 1Min)	C ≤ 0.1μF	C > 0.1 μF
	≥ 30000MΩ	≥ 10000S

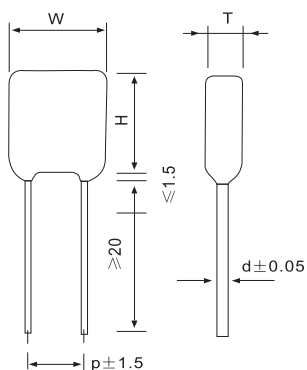
结构图.Construction Diagram



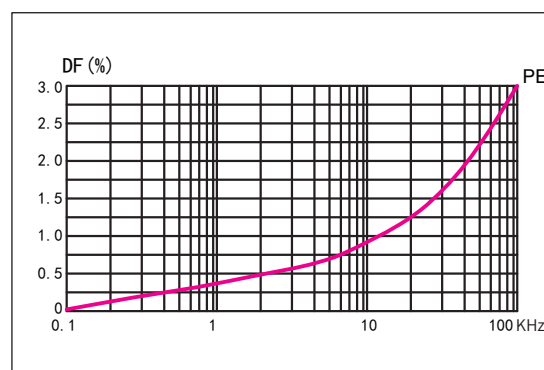
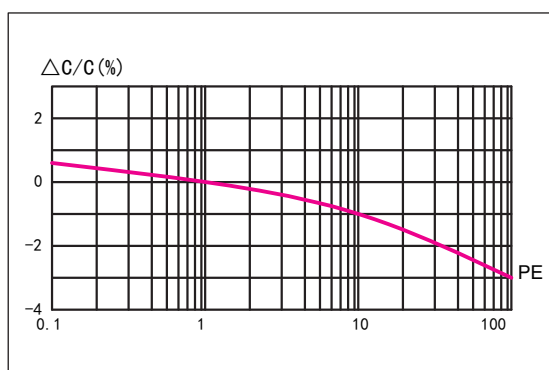
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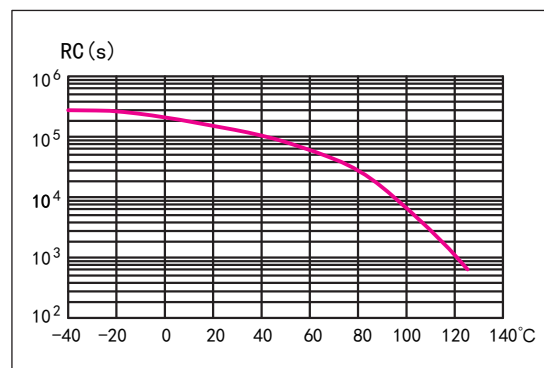
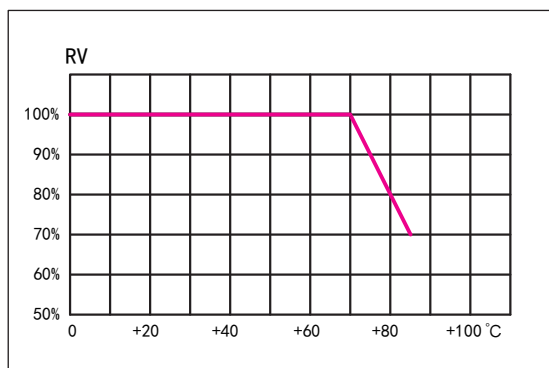
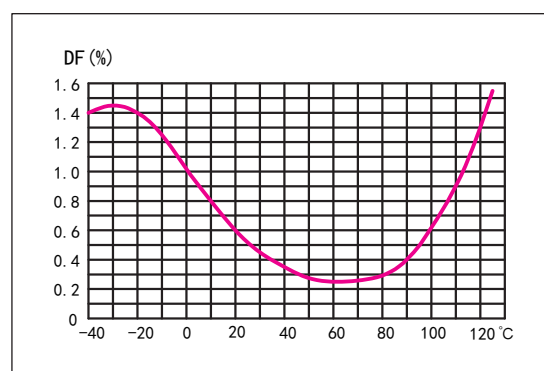
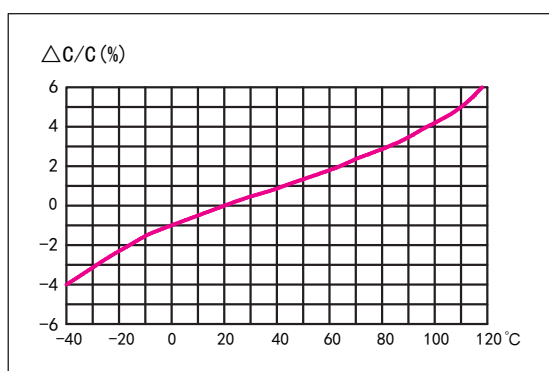
产品外形.Product Shape



频率特性.Temperature Characteristics



温度特性.Frequency Characteristics



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参数表.Article Table

电容量 (μF)	100VDC					250VDC					400VDC					630VDC				
	Wmax	Hmax	Tmax	P	d	Wmax	Hmax	Tmax	P	d	Wmax	Hmax	Tmax	P	d	Wmax	Hmax	Tmax	P	d
0.0010	6.0	10.5	3.5	3.5	0.5	6.5	11.0	4.0	3.5	0.5	7.0	12.0	4.0	4.0	0.5	7.5	12.5	4.5	5.0	0.5
0.0015	6.0	10.5	3.5	3.5	0.5	6.5	11.0	4.0	3.5	0.5	7.5	12.5	4.0	4.0	0.5	7.5	12.5	4.05	5.0	0.5
0.0022	6.0	10.5	3.5	3.5	0.5	6.5	11.0	4.0	3.5	0.5	7.5	12.5	5.0	4.0	0.5	8.5	13.0	5.0	5.0	0.5
0.0033	6.0	10.5	3.5	3.5	0.5	6.5	11.0	4.0	3.5	0.5	8.0	13.5	5.0	6.0	0.5	9.0	13.5	5.0	5.0	0.5
0.0047	6.0	10.5	3.5	3.5	0.5	6.5	11.0	4.0	3.5	0.5	9.0	14.0	6.0	6.0	0.5	10.0	14.0	5.5	7.0	0.5
0.0056	6.0	10.5	4.0	3.5	0.5	7.0	11.0	4.0	5.0	0.5	9.5	14.0	6.0	6.0	0.5	10.0	14.0	6.0	7.0	0.5
0.0068	6.5	11.5	4.0	3.5	0.5	7.0	11.0	4.0	5.0	0.5	9.5	14.5	6.0	6.0	0.5	11.0	15.0	6.0	7.0	0.6
0.0082	6.5	11.5	4.0	5.0	0.5	8.0	13.0	4.0	5.0	0.5	10.5	15.0	6.5	7.0	0.5	11.0	15.0	6.5	7.0	0.6
0.010	7.5	11.5	4.0	5.0	0.5	8.0	13.0	4.0	5.0	0.5	10.5	15.0	6.5	7.0	0.5	11.0	15.5	7.5	7.0	0.6
0.015	8.8	12.0	4.0	5.0	0.5	9.0	13.0	5.0	5.0	0.5	12.0	15.5	8.0	7.0	0.5	13.5	18.0	8.0	9.0	0.6
0.022	8.0	12.0	4.5	5.0	0.5	9.0	14.0	6.0	6.5	0.5	12.0	18.5	8.5	7.0	0.6	14.5	18.5	8.51	9.0	0.6
0.033	9.5	12.0	5.0	5.0	0.5	10.0	15.0	6.5	6.5	0.6	13.5	21.0	8.5	9.0	0.6					
0.047	10.0	12.5	5.0	5.0	0.5	12.5	17.5	8.5	6.5	0.6	15.5	22.0	9.5	9.0	0.6					
0.056	10.0	12.5	5.5	7.5	0.5	14.0	21.0	8.5	7.5	0.6	17.5	23.5	11.5	9.0	0.6					
0.068	11.0	12.5	5.5	7.5	0.5	14.0	21.0	8.5	7.5	0.6	17.5	23.5	11.5	9.0	0.6					
0.082	11.5	12.5	6.5	7.5	0.5	16.0	22.0	9.5	8.5	0.6	19.0	24.5	11.0	11.5	0.6					
0.10	12.5	14.5	6.5	7.5	0.5	16.0	22.0	9.5	8.5	0.6	19.0	24.5	12.0	11.5	0.6					
0.15	14.0	16.5	7.0	8.0	0.5															
0.22	16.0	17.5	8.0	9.0	0.5															
0.33	16.0	19.5	8.5	10.0	0.5															

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)