

Polyester Film Capacitor CL11



Characteristics

- Polyester dielectric
- Inductive winding structure
- Epoxy resin coating
- Spot welding of lead wire to electrode directly
- Small size and light weight

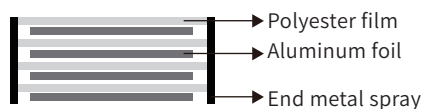
Application

- Widely used in DC, Pulsating Circuits like Communication Equipments, Radio Recorder, TV Sets, VCD etc

Technical Data

• Reference Standards	GB6346 (IEC60384-11)	
• Climate Category	55/085/21	
• Operating Temperature Range	-40°C~85°C Tmax 105°C	
• Rated Voltage	50V, 63V, 100V, 250V, 400V, 630V, 1000V (DC)	
• Capacity Range	0.001μF~0.47 μF	
• Capacity Tolerance	±5%(J); ±10%(K); ±20%(M)	
• Withstand Voltage	2U _N (5S)	
• Dissipation Factor	tgδ≤0.0100 (20°C, 1KHz)	
• Insulation Resistance (at20°C 100VDC 1Min)	C≤0.1μF	C>0.1 μF
	≥30000MΩ	≥10000S

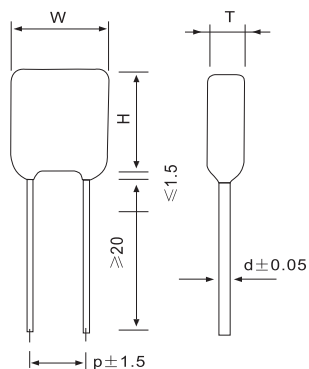
Construction Diagram



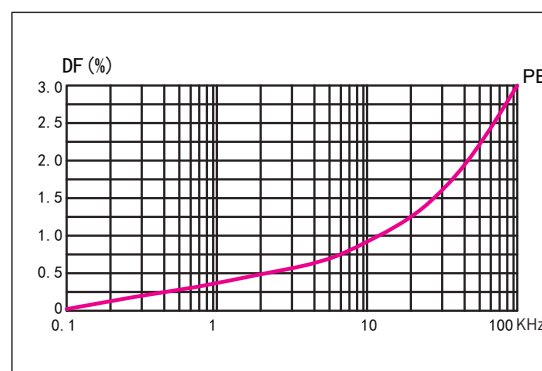
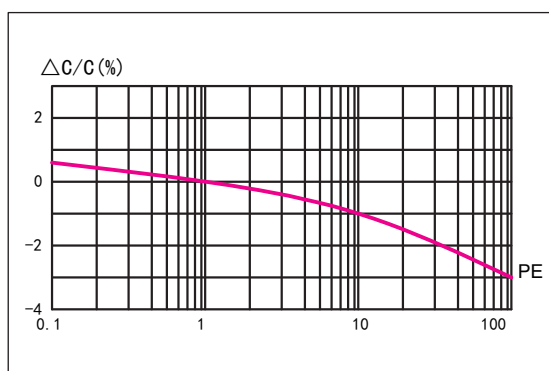
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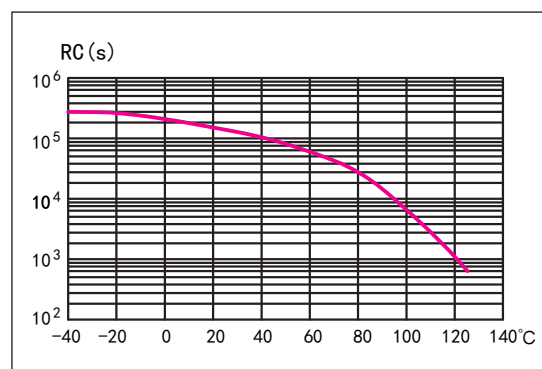
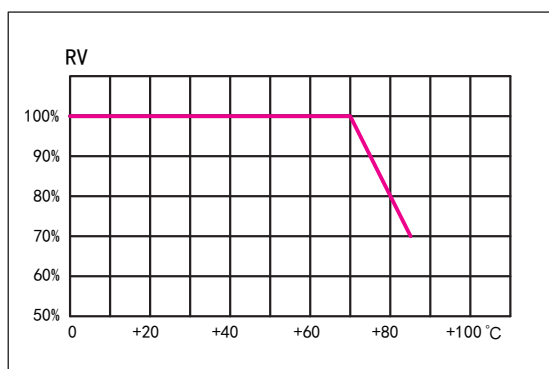
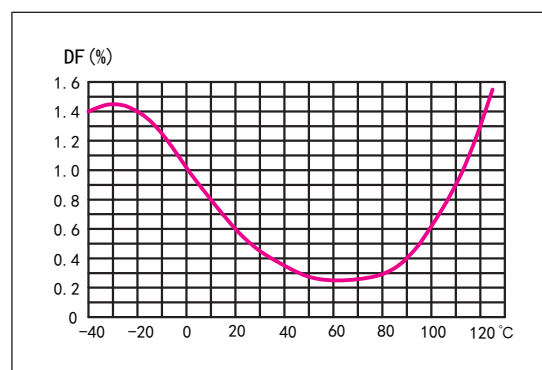
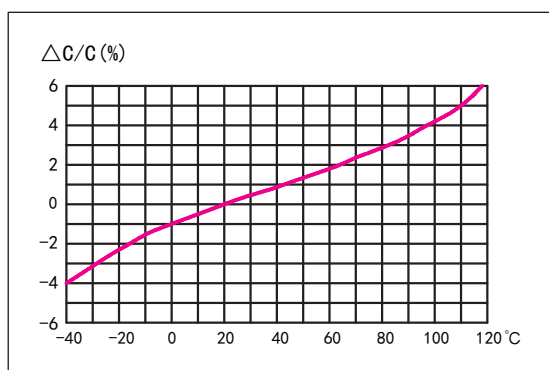
Product Shape



Temperature Characteristics



Frequency Characteristics



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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.	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.	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															

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