CL23 Metallized Polyester Film Capacitors

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CL23

Characteristics

- Metallized polyester film dielectric
- Laminated structure
- Flame retardant epoxy resin embedment
- Plastic shell encapsulation
- Perfect appearance consistency

Application

- Used in Bypass, Straight, Coupling, Pulse, Timing Circuits, etc.

Technical Data

• Reference Standards	GB/T 7332(IEC60384-2)			
• Climate Category	40/85/21			
• Operating Temperature Range	-40°C~85°C Tmax 105°C			
• Rated Voltage	50/63VDC、100VDC、250VDC 、400VDC、630VDC			
• Capacitance Range	0.001μF～2.2μF			
• Capacity Tolerance	±5%(J)；±10%(K)；±20%(M)			
• Withstand Voltage	V_{t-t}:1.6UN 5S (at20±5°C)			
• Dissipation Factor	Test Frequency	C_N≤0.1μF	C_N>0.1μF	
	1KHz	≤0.0100	>0.0100	
	10KHz	≤0.0150	>0.0150	
	100KHz	≤0.0300	---	
• Insulation Resistance(at 20°C 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
• Maximum Pulse Rise Time(dV/dt)	$U_{N(V)}$	dV/dt(V/μS)		
	50/63VDC	75		
	100VDC	85		
	250VDC	150		
	400VDC	200		

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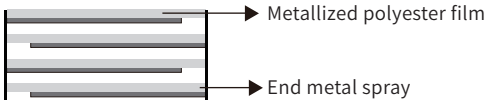
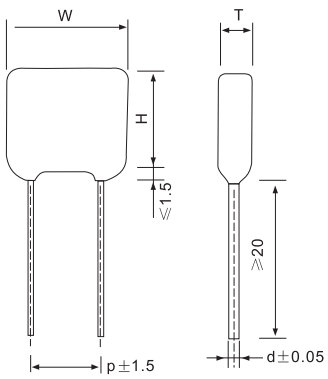
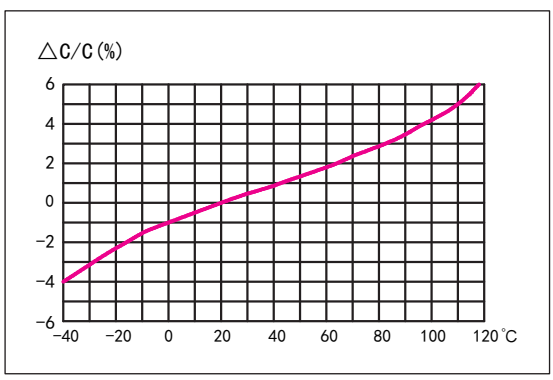
Construction Diagram

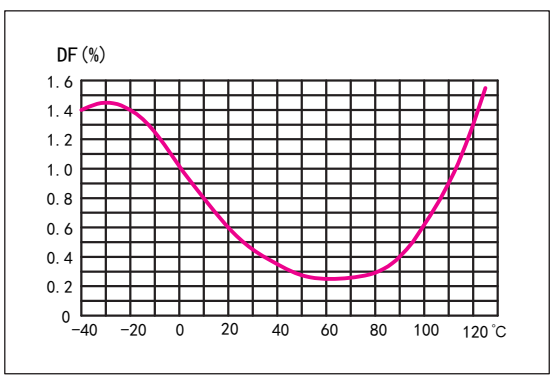


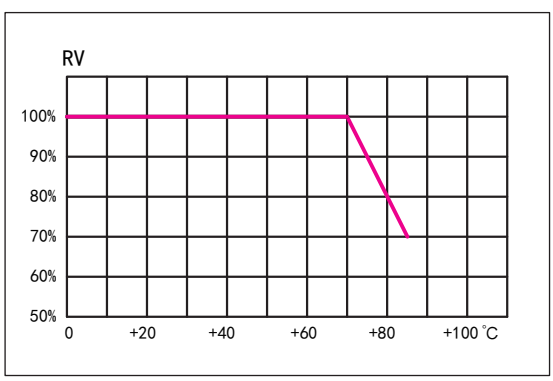
Product Shape

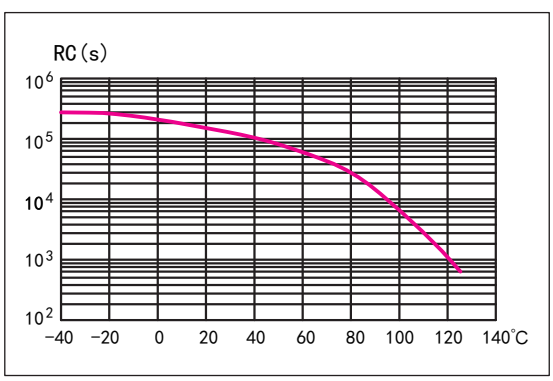


Frequency Characteristics









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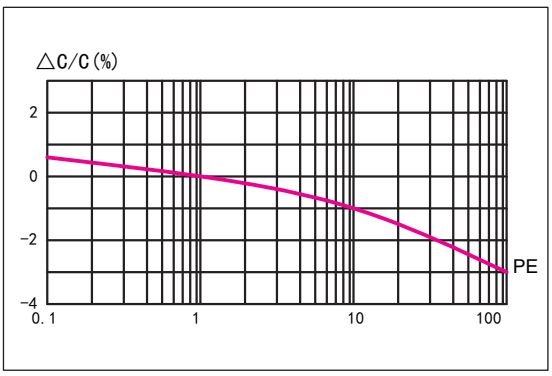
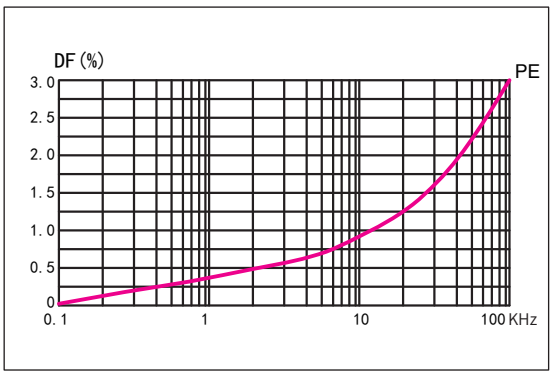
Temperature Characteristics





Article Table

Capacity (μF)	63V					100V				
	Wmax	Tmax	Hmax	P±1	d±0.05	Wmax	TMax	Hmax	P±1	d±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

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