

Metallized Polyester Film Capacitors MPE-A



Characteristics

- Metallized polyester film dielectric
- Non-inductive winding structure
- Myra tape pack, flame retardant epoxy resin both ends
- Radial tin plated copper wire
- High pressure and high temperature resistance

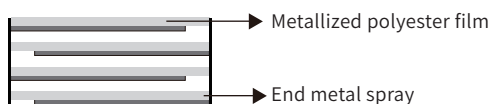
Application

- DC, VHF signal isolation, bypass and coupling circuits
- Widely used in filtering, noise reduction and low pulse circuits

Technical Data

● Reference Standards	GB/T 7332(IEC 60384-2)	
● Climate Category	40/085/21	
● Operating Temperature Range	-40°C~85°C Tmax105°C	
● Rated Voltage	800VDC	
● Capacitance Range	0.1μF~0.33 μF	
● Capacity Tolerance	±5%(J); ±10%(K); ±20%(M)	
● Withstand Voltage	V _{tr} :1.6UN 5S (at20±5°C)	
● Dissipation Factor	tgδ≤0.0100 (20°C, 1KHz)	
● Insulation Resistance	≥30000MΩ(at 20°C 100VDC 1Min)	
● Maximum Pulse Rise Time (dV/dt)	U _N (V)	dV/dt (V/μS)
		P=15mm
	800VDC	200

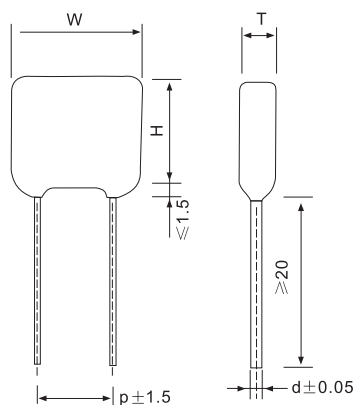
Construction Diagram



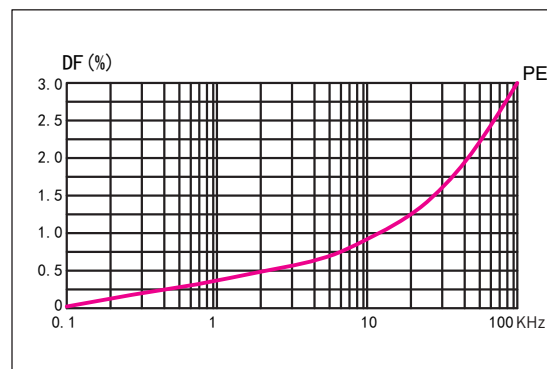
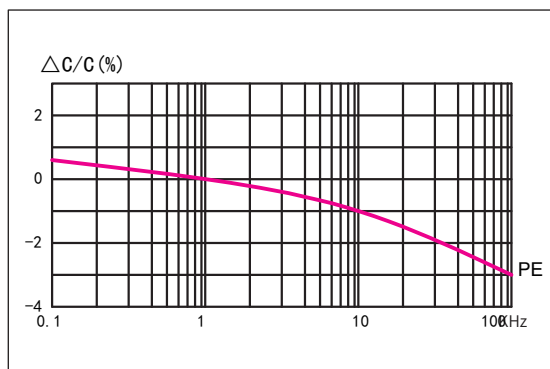
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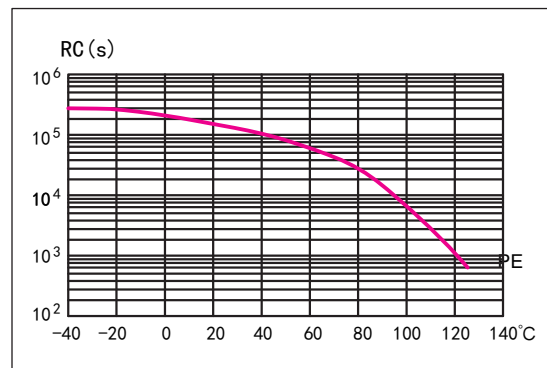
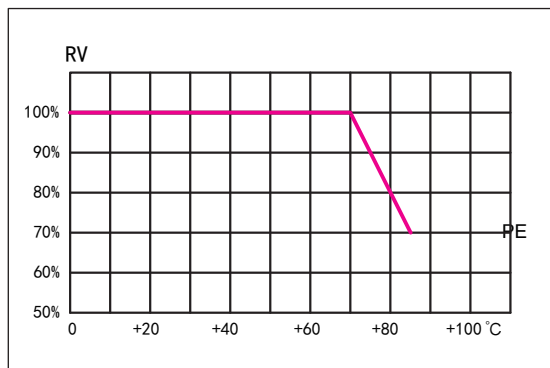
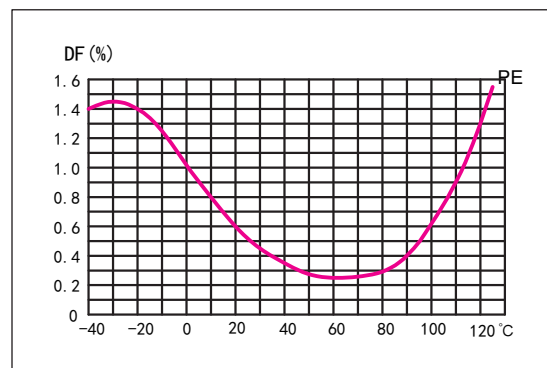
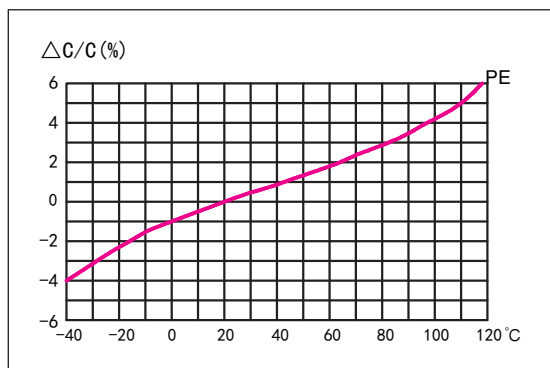
Product Shape



Temperature Characteristics



Frequency Characteristics



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

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