

Metallized Polypropylene Film capacitors MPP-A



Characteristics

- Metallized polypropene film, Non inductive winding structure;
- Radial lead out of tin coated copper clad steel wire;
- Flame retardant epoxy resin powder encapsulation;
- High withstand voltage, small dissipation, High dv/dt;

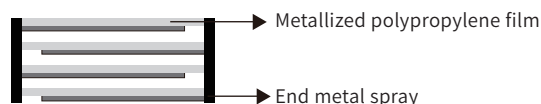
Application

- Especially design for HID ballast
- Widely used in high frequency, DC and pulse circuits

Technical Data

• Reference Standards	GB/T 10190(IEC 60384-16)	
• Climate Category	40/085/21	
• Operating Temperature Range	-40°C~85°C Tmax105°C (the highest temp.105°C)	
• Rated Voltage	800VDC	
• Capacitance Range	0. 1μF~0.33 μF	
• Capacity Tolerance	±5%(J); ±10%(K); ±20% (M)	
• Withstand Voltage	$V_{tt}: 1.6UN\ 5S\ (at\ 20\pm 5^{\circ}C)$	
• Dissipation Factor	$tg\delta \leq 0.0010\ (20^{\circ}C, 1KHz)$	
• Insulation Resistance	$\geq 30000M\Omega(at\ 20^{\circ}C\ 100VDC\ 1Min)$	
• Maximum Pulse Rise Time (dV/dt)	$U_N(V)$	dV/dt (V/μS)
	800VDC	P=15mm 350

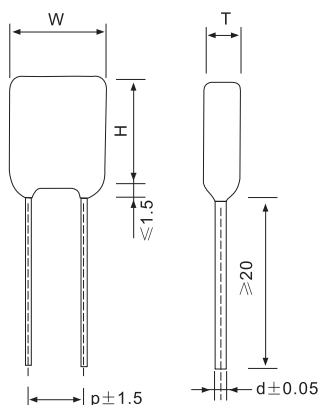
Construction Diagram



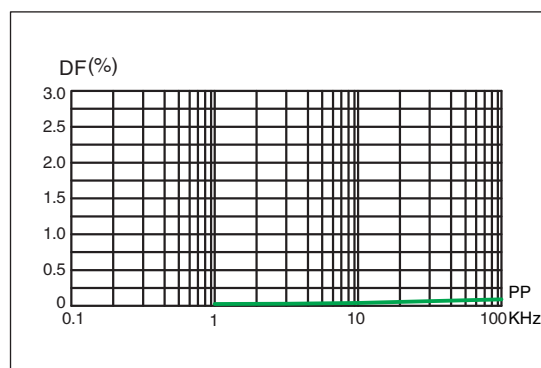
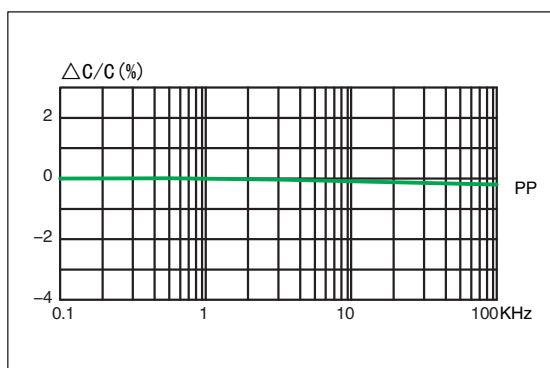
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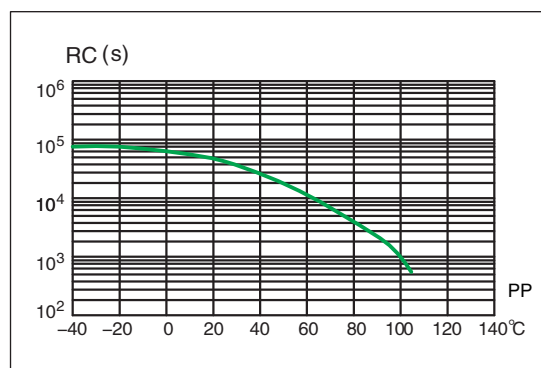
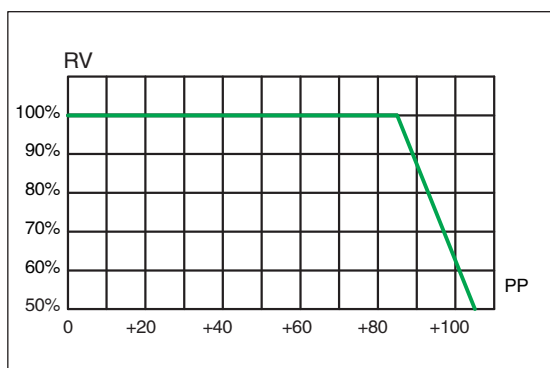
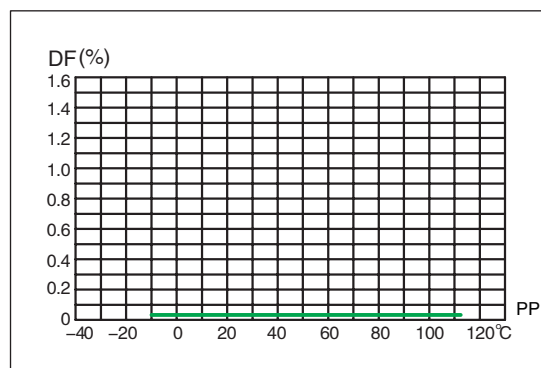
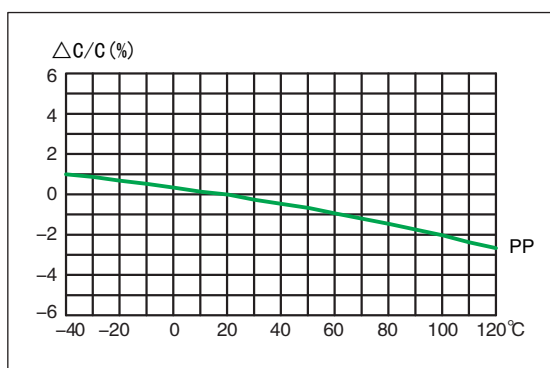
Product shape



Temperature Characteristics



Frequency Characteristics



Article Table

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)