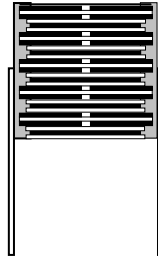






Metallized Polypropylene Capacitor -Radial

MP3S



-  Double side metallized polyester film.
-  Metallized Polypropylene Film
-  Metal spray layer
-  Connecting wire

Construction:

- Dielectric : Polypropylene Film .
- Electrodes : Double side metallized polyester film.
- Winding : non-inductive type & internal series connection.
- Leads : Tinned Wire.
- Outer coating : Flame retardant plastic case and epoxy resin filled.

Feature:

- Low Dissipation Factor at high frequency.
- Excellent corona voltage.
- Very high pulss strength.
- Small in size

Recommended Application:

- Electronic lighting(ballast&car headlamp).
- Switching power supply circuits.
- Pulse applications with high AC voltage and high Current.

Electrical Characteristics:

Related Documents	IEC 60384-16				
Rated Voltage	400VDC(250VAC),630VDC(400VAC),1000VDC(600VAC)				
Rated Temperature	~ +85°C for Vr(DC), ~ +75°C for Vr(AC).				
Usable upper category temperature	+105°C Derating ratio of rated voltage to +85°C ~ +105°C: 1.25% per °C for Rated Voltage (DC) Derating ratio of rated voltage to +75°C ~ +105°C: 1.35% per °C for Rated Voltage (AC)				
Capacitance Range	0.001 μF ~ 1.5 μF.				
Capacitance Tolerance	± 2% (G) , ± 3% (H) , ± 5% (J) , ± 10% (K)				
Dissipation Factor	KHz	C ≤ 0.1uF	0.1uF < C ≤ 1.0uF	1.0uF ≤ C	
	1	≤ 0.05%	≤ 0.05%	≤ 0.05%	
	10	≤ 0.06%	≤ 0.07%		
	100	≤ 0.15%			
Insulation Resistance	Terminal to Terminal: (at 25°C± 5°C), Voltage charge time : 1minute. Voltage charge : 100VDC. ≥ 50000MΩ For C ≤ 0.1uF , ≥ 10000MΩ×uF For C > 0.1uF				
Withstand Voltage	Terminal to Terminal: (at20°C± 5°C) 1.6 × V _R applied for 2sec. (cut off current 10mA) Slow-up voltage speed:100V/sec				
Rated Voltage Pulse Slope dv/dt (V/μs)	Pitch V _R	10m/m	15m/m	22.5m/m	27.5 m/m
	400 VDC	1500	900	500	300
	630VDC	3000	2500	1500	900
	1000 VDC	4800	3300	2100	1000

