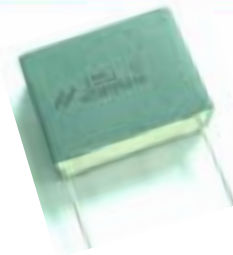


Metallized Polypropylene Capacitor -Radial

MPPN



MPBN



Metallized Polypropylene Film
Metal spray layer
Connecting wire

Construction:

Dielectric : Polypropylene Film .
Electrodes : Al-Zinc Metallization.
Winding : non-inductive type.
Leads : Tinned Wire.
Outer coating : Flame retarding epoxy resin.

Feature:

Self-healing property.
Low noise
Materials conform to ROHS.
Ultra-miniature size(1).

Recommended Application:

Power factor correction(PFC)usage.

Electrical Characteristics:

Related Documents	IEC 60384-16 ; CECC 31200			
Rated Voltage	450VDC			
Rated Temperature	-40°C ~ +85°C.			
Usable upper category temperature	+110°C (Derating ratio of rated voltage to +85°C ~ +110°C: 1.5% per °C for Rated Voltage)			
Capacitance Range	0.1 μF ~ 2.2 μF.			
Capacitance Tolerance	± 3% (H) , ± 5% (J) , ± 10% (K)			
Dissipation Factor	KHz	C ≤ 1.0uF	1.0uF < C ≤ 2.2uF	
	1	≤ 0.1%	≤ 0.1%	
	100	≤ 1.0%	≤ 1.2%	
Insulation Resistance	Terminal to Terminal: (at20°C± 5°C) , Voltage charge time : 1 minute. Voltage charge : 100VDC. ≥ 30000MΩ For C ≤ 0.33uF , ≥ 10000MΩ×uF For C > 0.33uF			
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
	450 VDC	220	160	100

