

Metallized Polyester Capacitor

MFTD



MFTB



Construction:

Dielectric : Polyester Film .
 Electrodes : ZNA-Alloy Metallization.
 Winding : non-inductive type.
 Leads : Tinned Wire.
 Outer coating : Flame retarding epoxy resin.

Feature:

Self-healing property.
 Safe-film construction.
 Materials conform to RoHS.
 Ultra-miniature size.

Recommended Application:

Power factor correction(PFC)usage.

Electrical Characteristics:

Related Documents	IEC 60384-2 ; CECC 30400			
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	± 2% (G) , ± 5% (J) , ± 10% (K)			
Dissipation Factor	1.0 % (max.) at 1KHz. 1.6 % (max.) at 10KHz.			
Insulation Resistance Terminal to Terminal	Voltage charge : 100VDC × 1 minute, At 20°C± 5°C ≥9000MΩ for C ≤ 0.33μF . ≥3000MΩ×μF for C > 0.33μF.			
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/se			
Rated Voltage Pulse Slope dV/dt (V/μs)	Pitch	10m/m	15m/m	22.5m/m
	V _R	450VDC	110	45



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