



GD ELECTRONICS S.R.L.

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MET Metallized Polyester Film capacitor (Tubular)

CONSTRUCTION

* Polyester film dielectric with vacuumevaporated metal electrodes,axial leads of tined wire are electrically welded to the contact metal layer of the ends of capacitor winding out wrapped with Mylar tape and ends sealed with epoxy resin.



FEATURE

- * Non-inductive construction
- * Self-healing
- * High property moisture resistance
- * High capacitance value available and compact size

APPLICATION

- * Coupling decoupling by - passing and timing circuit.
- * Automatic control system, communication equipment.
- * Charging/discharging lighting noise suppression and frequency modulation.

SPECIFICATIONS

RoHS Compliant



Dielectric	Polyester film
Electrodes	Vacuum evaporated metal
Coating	Out wrapped with Mylar tape and ends sealed with epoxy resin
Leads	Radial leads of tinned wire
Reference Standard	IEC 384-2 grade I; SJ/T 10873-1996
Temperature Range	55/85/21 (From 85°C up to 105°C with derating voltage 1.25%/°C)
Capacitance Versus Rated voltage(U_R)	100VDC 0.01 μ F --- 25 μ F 250VDC 0.01 μ F --- 1.8 μ F 400VDC 0.01 μ F --- 6.8 μ F 630VDC 0.01 μ F --- 6.8 μ F
Capacitance Tolerance	M= \pm 20% K= \pm 10% J= \pm 5%
Dissipation Factor (Tangent of Loss)	DF \leq 1.0% (at 20°C 1KHz)
Voltage Proof	1.6 * U_R (5s at 20°C)
Insulation Resistance	C \leq 0.33 μ F; IR \geq 15000M Ω C>0.33 μ F; IR*C \geq 3000S (1minute at 20°C and RH \leq 65%)
Endurance	1000hours with 125% of rated voltage at 85°C after the Test: Δ C/C \leq 8%; Δ DF \leq 0.30% (C>1 μ F) Δ DF \leq 0.50% (C \leq 1 μ F) IR \geq 0.5% of the specified value (20°C 1KHz)

