



# GD ELECTRONICS S.R.L.

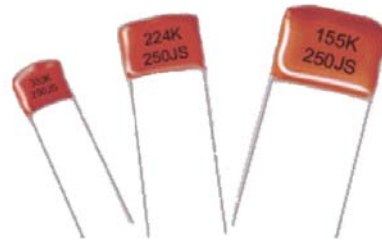
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## MEF Polyester Film Capacitor (Coating)

### CONSTRUCITON

\* Polyester film dielectric with vacuumevaporated metal electrodes,radial leads of tined wire are electrically welded to the contact metal layer of the ends of capacitor winding,expoxy resin coating.



### FEATURE

- \* Non-inductive construction
- \* Self-healing
- \* High reliable and superior performance in high frequency application

### APPLICATION

- \* Filter and noise suppression circuit
- \* Pulse logic and timing circuit
- \* DC-blocking,by-passing and signal coupling in general commuication

### SPECIFICATIONS

RoHS Compliant



Dielectric	Polyester Film
Electrodes	Vacuum Evaporated Metal
Coating	Epoxy Resin Coating
Leads	Radial Leads Of Tinned Wire
Reference Standard	IEC 384-2 grade I; SJ/T 10787-1996
Temperature Range	40/85/21 (From 85°C up to 105°C with derating voltage 1.5%/°C)
Capacitance Versus Rated Voltage(UB,)	100VDC 0.001μF --- 10μF      250VDC 0.001μF --- 10μF 400VDC 0.001uF --- 4.7μF      630VDC 0.001μF --- 4.7μF
Capacitance Tolerance	M= ±20%    K= ±10%    J= ±5%
Dissipation Factor (Tangent Of Loss)	DF≤1.0% (at 20°C 1 KHz)
Voltage Proof	1.6 * U <sub>R</sub> (5s at 20°C)
Insulation Resistance	C≤0.33μF    IR≥15000M MΩ C>0.33μF    IR * C≥3000 S (1 minute at 20°C and RH≤65%)
Endurance	1000hours with 125% of rated voltage at 85°C after the Test: ΔC/C≤8%;ΔDF≤0.30% (C>1μF) ΔDF≤0.50% (C≤1μF) IR≥50%of the specified value. (20°C 1KHz)

