



GD ELECTRONICS S.R.L.

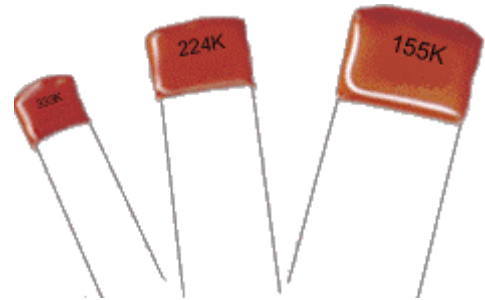
Strada Paullese Ss 415, Km 1,95 - 20097 San Donato Milanese (MI) -
Tel. 0255606196 (r.a) Fax. 0251800344

e-mail: contact@jimson.it web : www.jimson.it www.gdelectronics.it

PPS(Coating) - Metallized Polypropylene Film/Foil Capacitor (High Voltage)

CONSTRUCTION

* Polypropylene film dielectric with alluminum foils as outer electrodes and vacuum evaporated metal layer as inner series electrode,radial leads of tinned wire are electrically welded to the contact metal layer on the ends of capacitor winding,expoxy resin coating.



FEATURE

- * High stability of capacitance and DF versus temperature and frequency.
- * Special series construction for high voltage and long-term ability.
- * High pulse rise rate(du/dt) and suitable for large current circuit.

APPLICATION

- * Most suitable for high voltage and pulse in the horizontal resonance circuit of colour TV set.

SPECIFICATIONS

RoHS Compliant



Dielectric	Polypropylene film
Electrodes	Aluminium foil as outer electrodes and vacuum evaporated metal layer as inner series electrode
Coating	Epoxy resin coating
Leads	Radial leads of tinned wire
Reference Standard	IEC 384-17 ; GB 14579-1993
Temperature Range	40/85/21
Capacitance Versus Rated voltage(U_R)	1000VDC 0.001 μ F --- 0.10 μ F 1600VDC 0.001 μ F --- 0.047 μ F 2000VDC 0.001 μ F --- 0.022 μ F
Capacitance Tolerance	M= \pm 20% K= \pm 10% J= \pm 5%
Dissipation Factor (Tangent of Loss)	DF \leq 0.10% (at 20 $^{\circ}$ C 1KHz)
Voltage Proof	2.0 * U_R (1 minute at 20 $^{\circ}$ C)
Insulation Resistance	C \leq 0.10 μ F IR \geq 30000 M Ω (1 minute at 20 $^{\circ}$ C and RH \leq 65%)
Endurance	1000hours with 125% of rated voltage at 85 $^{\circ}$ C after the Test: Δ C/C \leq 10%; Δ DF \leq 0.30% IR \geq 0.5% of the specified value (20 $^{\circ}$ C 1KHz)

