



Technical Datasheet

MPP Film Capacitors

RoHS Compatible

Item Number : VAC061012

Construction:

- Dielectric: Metallized polypropylene film
- Plastic case
- Polyurethane resin (Dry Type)
- Internal discharge Resistor



Terminals:

- Flexible lead wires/ Single strand wires

Typical Applications:

- For general sine wave applications, mainly as series and parallel Connection Lighting applications.

Features:

- Low dissipation factor
- High insulation resistance
- Self-healing properties

Marking:

- Viz logo
- LOT number
- Rated capacitance
- Capacitance Tolerance
- Rated voltage
- Date of Manufacture
- Discharge Resistor symbol

Delivery Mode:

- Single Stack Arranged Packing / Bulk Packing

Electrical Characteristics:

- Reference Standard : IEC 61048 IS 1569 - 1976
- Rated Capacitance C_R : 2 μ F to 45 μ F
- Capacitance tolerance : \pm 5 %
- Rated voltage V_R : 250 VAC
- Rated Frequency F_R : 50 / 60 Hz
- AC test Voltage terminal to terminal : 1.5 x V_R
- AC test Voltage terminal to Plastic case : 2000 Vr.m.s. , 60 s
- Insulation Resistance R is at 20°C, : 3000 s
RH \leq 65 %



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- Loss factor ($\tan \delta$)@ 20°C, 120Hz : 1×10^{-3}
- Life Expectancy : 10 Years

Maximum Ratings:

- Maximum permissible voltage U_{max} : $1.1 \times V_R$ (rated voltage)
- Maximum permissible current I_{max} : $1.3 \times I_R$ (rated current)

Climatic Category

- Lower category temperature T_{min} : -40 °C
- Upper category temperature : +85°C
- Damp Heat test : 21 Days

Authorised by: Product Design & Development Dept
Viz Technologies Pvt Ltd

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Important notes

1. We always try hard to improve our products Quality. Thus, the products explained in this Datasheet may change from time to time. The same is true of the corresponding product specifications.
2. Please check the product descriptions and specifications mentioned in this datasheet are still applicable before or when you place an order.
3. Ratings, container and wire length dimensions can be changed as per customer requirement