



Technical Datasheet

MPP Film Capacitors

RoHS Compatible

Item Number : VAC050412

Construction

- Dielectric: Metallized polypropylene film
- Electrode: Metallized Film
- Dry resin
- RoHS Compatible



Terminals:

- Plastic top / Cable top / DFO /SFO

Typical Applications:

- For general sine wave applications, mainly as motor start capacitor

Features:

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

Marking:

- Viz logo
- Batch number
- Rated capacitance
- Capacitance Tolerance
- Rated voltage
- Date of Manufacture

Delivery Mode:

- Single stacking arranged Packing

Dimensions Table:

- As per customer specifications and requirement.



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Electrical Characteristics:

▪ Reference Standard	: IS 2993 : 1998
▪ Rated Capacitance C_R	: 45 μ F To 120 μ F
▪ Capacitance tolerance	: \pm 5 %
▪ Rated voltage V_R	: 275Vac
▪ Rated Frequency F_R	: 50 / 60 Hz
▪ AC test Voltage terminal to terminal	: 1.3 x V_R ,2s (Routine test) : 1.3 x V_R ,10s (Type test)
▪ AC test Voltage terminal to can	: 2 KV AC ,2s (routine test) : 2 KV AC ,60s (Type test)
▪ Insulation Resistance R is at 20°C, RH \leq 65 %	: 3000 s
▪ Loss factor (tan δ)@ 20°C, 120Hz	: 1 X 10 ⁻³
▪ Max rate of change of voltage rise dv/dt	: 10 V/ μ S
▪ Life Expectancy	: 275 V/85 °C: 10000 h – Class B

Climatic Category

▪ Lower category temperature T min	: -25 °C
▪ Upper category temperature	: +70 °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 Data Sheet 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 and container dimensions can be changed as per customer requirement