



Technical Datasheet

MPP Film Capacitors

RoHS Compatible

Item Number : VAC010912

Construction

- Dielectric: Metallized polypropylene film
- Plastic case
- Polyurethane resin
- Dual Capacitor in one case



Terminals:

- Flexible lead wires
- Fast on terminal

Typical Applications:

- For general sine wave applications, mainly as motor run capacitor for Washing Machine

Features:

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

Marking

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

Delivery Mode

- Single stacking arranged Packing

Product Table:

Sr. No	Capacitance Value C1 (μ F)	Capacitance Value C2 (μ F)	Voltage (VAC)
1	5.3	2.1	440
2	7	4	440
3	8	4	440
4	8	6	440
5	8.5	5	440



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6	9.5	4	440
7	9	5	440
8	9	6	440
9	10	4	440
10	10	5.5	440
11	10	5	440
12	10	6	440

Note: Wire length available in various sizes and color codes as per customer requirement

Electrical Characteristics:

- Reference Standard : IEC 60252-1 2001-02, IS 2993 : 1998
- Rated Capacitance C_R : Refer Dimensions table
- Capacitance tolerance : $\pm 5\%$
- Rated voltage V_R : 440Vac
- Rated Frequency F_R : 50 / 60 Hz
- AC test Voltage terminal to terminal : $2 \times V_R, 2s$ (Routine test)
: $2 \times V_R, 60s$ (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 ($\tan \delta$)@ 20°C, 120Hz : 1×10^{-3}
- Max rate of change of voltage rise dv/dt : 10 V/ μ S
- Safety class to IEC 60252-1 2001-02 : P0
- Life Expectancy to IEC 60252 2001 : 440 V/70 °C: 3000 h – Class C

Maximum Ratings:

- Maximum permissible voltage V_{max} : $1.1 \times V_R$
- Maximum permissible current C_{max} : $1.3 \times I_R$

Climatic Category : 25 / 070 / 21 to IEC 60068-1

- 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