

PPW SERIES : MPP-SH MOTOR RUN CAPACITORS

MPP-SH CAPACITORS IN PP CAN ENCAPSULATION / PRESS FIT COVER / WIRE LEAD OUT

PPW series motor run capacitors are MPP-SH type motor run capacitors with PP can encapsulation, press fit top cover and lead out using flexible multistrand copper wire. These are available in two versions.

- 1) PPW – PD Series
- 2) PPW – PS Series

1) PPW SERIES: PD SERIES

These are MPP-SH motor run capacitors which are designed for use in electrical fans. They are provided with PP can encapsulation press fit double hole top cover and flexible multistrand copper wire lead out.

1) Construction

- Casing : PP
- Dielectric : Polypropylene
- Lead Out : Flexible multistrand copper wire
- End Sealing : Press fit top cover with double hole

2) Salient Features

- i) Self healing properties
- ii) High insulation resistance
- iii) Low dissipation factor

3) Technical Specifications

- Capacitance range : 2.0µF to 3.5µF
- Rated capacitance tolerance : ±5%
- Rated voltage : 440Vac
- Rated frequency : 50/60Hz
- Temperature category : -25⁰C to +85⁰C
- Reference Standard : IS 1709



4) Mechanical Dimensions

Rating in µF (Range)	Voltage (AC)	Dimensions in mm	
		Diameter ± 2mm	Height ± 3mm
2.0µF to 3.5µF	440	27	52

2) PPW SERIES: PS SERIES

They are provided with PP can encapsulation press fit single hole top cover and flexible multistrand copper wire lead out. The main applications are in Air conditioner compressors, general purpose motors, lighting equipments, water lifting pump sets, Washing machine, refrigeration equipments and microwave oven

1) Construction

- Casing : PP
- Dielectric : Polypropylene
- Lead Out : Flexible multistrand copper wire
- End Sealing : Press fit top cover with single hole

2) Salient Features

- i) Self healing properties
- ii) High insulation resistance
- iii) Low dissipation factor
- iv) MPP-SH film of reputed imported make



3) Technical Specifications

- Capacitance range : 4.0 μ F to 100 μ F
- Rated capacitance tolerance : \pm 5%
- Rated voltage : 440Vac
- Rated frequency : 50/60Hz
- Temperature category : -25⁰C to +85⁰C
- Reference Standard : IEC 252 / IS 2993

4) Mechanical Dimensions

Rating in μ F (Range)	Voltage (AC)	Dimensions in mm	
		Diameter \pm 2mm	Height \pm 3mm
4 μ F to 6 μ F	440	30	52
8 μ F to 10 μ F	440	35	71
12.5 μ F to 15 μ F	440	40	71
18 μ F to 20 μ F	440	40	94
25 μ F to 36 μ F	440	45	94
36 μ F to 50 μ F	440	50	120
60 μ F to 72 μ F	440	54	120

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Design and specifications are subject to change without notice