

## 250/275Vac EMI Suppression Capacitors- Y2 type

### GENERAL :

- ◆ Non Polar
- ◆ Self Healing
- ◆ Low ESR
- ◆ High Insulation Resistance
- ◆ Low Losses



Class Y2 capacitors are used for Interference Suppression and across-the-line and line to ground applications. Suitable for use in situations where failure of the capacitor could lead to danger of electric shock.

### APPLICATIONS :

- ◆ RFI Filters
- ◆ Switch Mode Power Supplies
- ◆ Power Line Frequency Applications
- ◆ Measuring Instruments

STYLES : MKP-4S / Y2 : Radial Lead

STANDARDS : IEC- 384-14

### GENERAL TECHNICAL DATA

Dielectric : Metallised Polypropylene Film  
Winding : Non-Inductive type  
Leads : Tinned wire  
Climatic Category : 40/85/21  
Marking : Manufacturer's name, capacitance, tolerance, rated voltage, style code, manufacturing date code and batch no.  
Temperature Range : -40°C to +85 °C

### ELECTRICAL CHARACTERISTICS

Rated Voltage : 250/275Vac; 50Hz  
Capacitance Range : 0.0022  $\mu$ F to 0.01  $\mu$ F  
Tolerance :  $\pm 5\%$ ,  $\pm 10\%$ ,  $\pm 20\%$   
Tan Delta (C < 1 $\mu$ F) : 0.001 at 1 KHz  
Insulation Resistance at 100Vdc : 5,000 Mohm x  $\mu$ F, 15,000 Mohm max  
Test Voltage : 3 KV dc  
Pulse Rise Time : 40 to 100 V/  $\mu$ S

### **Registered Office and Factory:**

**Advance Components and Instruments Pvt Ltd**  
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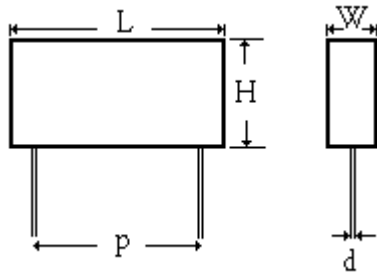
# ADVANCE CAPACITORS

## EMI SUPPRESION CLASS Y2



### Dimensions:

Type	Capacitance in $\mu\text{F}$	W mm	L mm	H Mm	P mm	d mm
MKP-4S	0.0022	5.5	18.0	11.0	15.2	0.6
Y2	0.0033	6.0	18.0	12.0	15.2	0.6
Radial	0.0047	7.0	18.0	13.1	15.2	0.6
	0.0068	9.0	18.0	14.5	15.2	0.8
	0.01	9.0	18.0	14.5	15.2	0.8



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