



# ADVANCE COMPONENTS AND INSTRUMENTS PVT. LTD.

Mfrs. of PLASTIC FILM CAPACITORS & EMI NOISE FILTERS

Registered Office & Factory :

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ISO 9001 : 2015  
ISO 13485 : 2016

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GSTIN : 29AABCA1720D1ZA

## ADVANCE CAPACITORS METALLISED POLYPHENYLENE SULPHIDE (PPS)

### GENERAL :

- ◆ Non Polar
- ◆ Self Healing
- ◆ Wide Operating Temperature Range
- ◆ Low Losses
- ◆ Low Temperature Co-efficient
- ◆ Good Stability

### APPLICATIONS :

- ◆ Timers
- ◆ Automotive Applications
- ◆ High Ambient Temperature Applications
- ◆ High Stability

**STYLES :** SMWF: Cylindrical, Tape Wrap, Axial lead  
SMF : Rectangular, Box encased, Radial lead

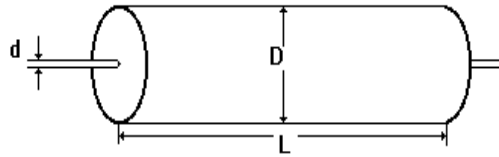
### SPECIFICATIONS

Temperature range	: -55° C to +125° C
Tan delta	: <=0.002 at 1 kHz
Insulation Resistance	: 5000 Mohm.mfd(second), 15,000 Mohm max.
Test Voltage	: 1.6 times rated Voltage for 2s
Climatic Category	: 55/125/56
Tolerance	: ±1%, ±2%, ±5%, ±10%
Marking Details	: ADVANCE Value / Tolerance Voltage Style code Batch No./Month and Year code

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

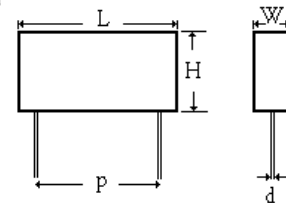
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## ADVANCE CAPACITORS-METALLISED POLYPHENYLENE SULPHIDE (PPS)



**Axial Type (SMWF) : Dimensions in mm**

Voltage	63Vdc (SWD)			100Vdc (SWH) / 160Vdc (SWR)			250Vdc (SWG)		
	D	L	d	D	L	D	D	L	d
0.022 $\mu$ F	5.5	15	0.6	5.5	15	0.6	5.5	15.0	0.6
0.047 $\mu$ F	6	15	0.6	6	15	0.6	6.0	15.0	0.6
0.068 $\mu$ F	7	15	0.6	7	15	0.6	7.0	15.0	0.6
0.100 $\mu$ F	6.0	15.0	0.6	6.0	15.0	0.6	8.0	15.0	0.6
0.150 $\mu$ F	7.0	15.0	0.6	7.0	15.0	0.6	9.0	15.0	0.6
0.220 $\mu$ F	7.0	15.0	0.6	7.0	15.0	0.6	8.0	19.0	0.6
0.330 $\mu$ F	8.0	15.0	0.6	8.0	15.0	0.6	10.0	19.0	0.8
0.470 $\mu$ F	7.0	15.0	0.6	7.0	19.0	0.6	11.0	19.0	0.8
0.680 $\mu$ F	6.0	19.0	0.6	8.0	19.0	0.6	8.5	27.0	0.8
1.000 $\mu$ F	7	19.0	0.6	10.0	19.0	0.8	10.0	27.0	0.8
1.500 $\mu$ F	8.0	19.0	0.6	9.0	27.0	0.6	15.0	27.0	0.8
2.200 $\mu$ F	10.0	19.0	0.8	11.0	27.0	0.8			
3.300 $\mu$ F	10.0	27.0	0.8	12.5	27.0	0.8			
4.700 $\mu$ F	11.0	27.0	0.8	13.0	32.0	0.8			
6.800 $\mu$ F	12.0	32.0	0.8	15.0	32.0	0.8			
10.00 $\mu$ F	13.0	32.0	0.8	19.0	32.0	0.8			



**Radial Type (SMF): Dimensions in mm**

Voltage	63Vdc					100 / 160 Vdc					250Vdc				
	W	L	H	p	d	W	L	H	p	d	W	L	H	p	d
0.047 $\mu$ F											5.0	13	11.0	10.2	0.6
0.068 $\mu$ F											5.0	13	11.0	10.2	0.6
0.100 $\mu$ F	5.0	13	11.0	10.2	0.6	5.0	13	11.0	10.2	0.6	6.0	13	12.0	10.2	0.6
0.150 $\mu$ F	5.0	13	11.0	10.2	0.6	5.0	13	11.0	10.2	0.6	7.0	18	13.1	15.2	0.6
0.220 $\mu$ F	5.0	13	11.0	10.2	0.6	6.0	13	12.0	10.2	0.6	7.0	18	13.1	15.2	0.6
0.330 $\mu$ F	5.0	13	11.0	10.2	0.6	5.5	18	11.0	15.2	0.6	9.0	18	14.5	15.2	0.8
0.470 $\mu$ F	6.0	13	12.0	10.2	0.6	7.0	18	13.1	15.2	0.6	9.0	18	14.5	15.2	0.8
0.680 $\mu$ F	6.8	13	13.0	10.2	0.6	6.5	18	12.0	15.2	0.8					
1.000 $\mu$ F	6.5	18	12.0	15.2	0.6	9.0	18	14.5	15.2	0.8					
1.500 $\mu$ F	7.0	18	13.1	15.2	0.6	8.5	27	18.5	22.5	0.8					
2.200 $\mu$ F	9.0	18	14.5	15.2	0.8	10.0	27	18.5	22.5	0.8					
3.300 $\mu$ F	10.0	27	18.5	22.5	0.8	10.5	31	21.0	27.5	0.8					
4.700 $\mu$ F	10.0	27	18.5	22.5	0.8	10.5	31	21.0	27.5	0.8					
6.800 $\mu$ F	13.5	32	23.5	27.5	0.8	13.5	32	23.5	27.5	0.8					
10.00	13.5	32	23.5	27.5	0.8	13.5	32	23.5	27.5	0.8					