



ADVANCE COMPONENTS AND INSTRUMENTS PVT. LTD.

Manufacturers of PLASTIC FILM CAPACITORS

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ADVANCE CAPACITORS-METALLISED POLYPHENYLENE (PPS)

GENERAL :

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

APPLICATIONS :

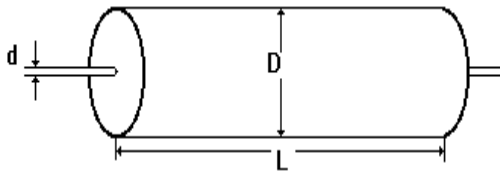
- ◆ Timers
- ◆ Automotive Applications
- ◆ High Ambient Temperature Applications
- ◆ High Stability

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

ADVANCE CAPACITORS-METALLISED POLYPHENYLENE SULPHIDE (PPS)

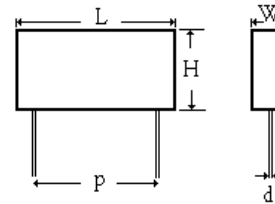


Axial Type (SMWF) : Dimensions in mm

Voltage	63Vdc			100Vdc / 160Vdc			250Vdc		
	D	L	d	D	L	D	D	L	d
0.047							6.0	15.0	0.6
0.068							7.0	15.0	0.6
0.100	6.0	15.0	0.6	6.0	15.0	0.6	8.0	15.0	0.6
0.150	7.0	15.0	0.6	7.0	15.0	0.6	9.0	15.0	0.6
0.220	7.0	15.0	0.6	7.0	15.0	0.6	8.0	19.0	0.6
0.330	8.0	15.0	0.6	8.0	15.0	0.6	10.0	19.0	0.8
0.470	7.0	15.0	0.6	7.0	19.0	0.6	11.0	19.0	0.8
0.680	6.0	19.0	0.6	8.0	19.0	0.6			
1.000	7.0	19.0	0.6	10.0	19.0	0.8			
1.500	8.0	19.0	0.6	9.0	27.0	0.6			
2.200	10.0	19.0	0.8	11.0	27.0	0.8			
3.300	10.0	27.0	0.8	12.5	27.0	0.8			
4.700	11.0	27.0	0.8	13.0	32.0	0.8			
6.800	12.0	32.0	0.8	15.0	32.0	0.8			
10.00	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											5.0	13	11.0	10.2	0.6
0.068											5.0	13	11.0	10.2	0.6
0.100	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	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	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	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	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	6.8	13	13.0	10.2	0.6	6.5	18	12.0	15.2	0.8					
1.000	6.5	18	12.0	15.2	0.6	9.0	18	14.5	15.2	0.8					
1.500	7.0	18	13.1	15.2	0.6	8.5	27	18.5	22.5	0.8					
2.200	9.0	18	14.5	15.2	0.8	10.0	27	18.5	22.5	0.8					
3.300	10.0	27	18.5	22.5	0.8	10.5	31	21.0	27.5	0.8					
4.700	10.0	27	18.5	22.5	0.8	10.5	31	21.0	27.5	0.8					
6.800	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					