

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

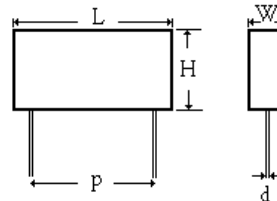
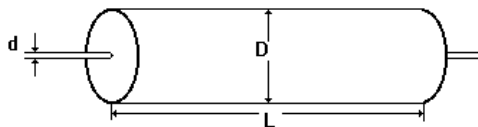
Temperature range	: -55° C to +125° C
Tan delta	: 0.002 at 1 KHz
Insulation Resistance	: 5000 Mohm.mfd(second), 15,000 Mohm max.
Test Voltage	: 1.6 times rated Voltage for 2s
Climatic Category	: 55/125/56
Tolerance	: ±1%, ±2%, ±5%, ±10%
Marking Details	: ADVANCE Value / Tolerance Voltage Style code Batch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

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Axial Type (SMWF) :

Dimensions in mm

Voltage	63Vdc			100Vdc / 160Vdc			250Vdc		
Part type	SWD			SWH / SWR			SWG		
Value	D	L	d	D	L	D	D	L	d
0.047							5.5	15	0.6
0.068							6	15	0.6
0.100	6	15	0.6	6	15	0.6	7	15	0.6
0.150	6	15	0.6	6	15	0.6	8.5	15	0.6
0.220	6	15	0.6	6	15	0.6	7.5	19	0.6
0.330	6	15	0.6	6.5	15	0.6	9	19	0.8
0.470	6	15	0.6	7	19	0.6	11	19	0.8
0.680	6	19	0.6	8	19	0.6			
1.000	6	19	0.6	9	19	0.8			
1.500	7	19	0.6	8	27	0.6			
2.200	9	19	0.8	9.5	27	0.8			
3.300				11.5	27	0.8			
4.700				12.5	32	0.8			
6.800				15	32	0.8			
10.00				18	32	0.8			



Radial Type (SMF):

Dimensions in mm

Voltage	63Vdc					100 / 160 Vdc					250Vdc				
Part type	SMD					SMH / SMR					SMG				
Value	W	L	H	p	d	W	L	H	p	D	W	L	H	p	d
0.047											5	13	10.5	10.2	0.6
0.068											5	13	10.5	10.2	0.6
0.100	5	13	10.5	10.2	0.6	5	13	10.5	10.2	0.6	6	13	11	10.2	0.6
0.150	5	13	10.5	10.2	0.6	5	13	10.5	10.2	0.6	7	18	13.1	15.2	0.6
0.220	5	13	10.5	10.2	0.6	6	13	11	10.2	0.6	7	18	13.1	15.2	0.6
0.330	5	13	10.5	10.2	0.6	5.5	18	11	15.2	0.6	9	18	14.5	15.2	0.8
0.470	5	13	10.5	10.2	0.6	7	18	13.1	15.2	0.6	9	18	14.5	15.2	0.8
0.680	6	13	11	10.2	0.6	6.5	18	12	15.2	0.8					
1.000	6.5	18	12	15.2	0.6	9	18	14.5	15.2	0.8					
1.500	7	18	13.1	15.2	0.6	8.5	17	18.5	22.5	0.8					
2.200	9	18	14.5	15.2	0.8	10	26	18.5	22.5	0.8					
3.300						10.5	31	21	27.5	0.8					
4.700						10.5	31	21	27.5	0.8					
6.800						13.5	32	23.5	27.5	0.8					
10.00						13.5	32	23.5	27.5	0.8					