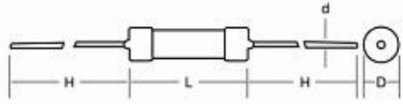


# Carbon Film Resistor

# SRPASSIVES



## Specifications

POWER RATING	MAXIMUM WORKING VOLTAGE	MAXIMUM OVERLOAD VOLTAGE	DIMENSIONS(mm)				RESISTANCE RANGE
			L	D	H	d±0.02	
1/6W, 1/8W	200V	400V	3.2±0.2	1.8±0.2	28±2.0	0.43	STANDARD 1Ω-10MΩ
1/4WS	250V	500V	3.2±0.2	1.8±0.2	28±2.0	0.43	
1/4W	250V	500V	6.0±0.5	2.3±0.5	28±2.0	0.50	
1/2WS	350V	700V	6.0±0.5	2.3±0.5	28±2.0	0.50	
1/2W	350V	700V	9.0±0.5	3.2±0.5	26±2.0	0.60	
1WS	500V	1000V	9.0±0.5	3.2±0.5	26±2.0	0.60	
1W	500V	1000V	11.0±1.0	3.7±0.5	35±2.0	0.70	
1W	500V	1000V	11.0±1.0	4.2±0.5	25±2.0	0.70	
2WS	500V	1000V	11.0±1.0	4.2±0.5	35±3.0	0.70	
2W	500V	1000V	15.0±1.0	5.0±0.5	33±3.0	0.75	
3W	500V	1000V	17.0±1.0	6.0±0.5	38±3.0	0.75	

## Electrical Specifications

Test Items	Condition			Spec	
Short Time Overload	2.5 times of RCWV for 5 secs.			±(2%+0.05 Ω)	
Load life	70°C at rated power 1.5hrs on;0.5 hr off for 1000hrs			±(5%+0.05 Ω)	
Dielectric Withstanding Voltage	Max Overload Voltage 1 Minute			±(0.5%+0.05 Ω)	
Temp. Cycling	-30°C / +85°C for 5 cycles			±(1%+0.05 Ω)	
Insulation Resistance	D.C. 500V			1000MΩ	
Moisture-proof Load Life	40°C 95% RH 1.5hrs on / 0.5hr off cycle for 1000 hrs.			±(5%+0.05 Ω)	
Soldering Heat Resistance	350°C for 3.5 secs.			±(2%+0.05 Ω)	
ppm / °C Temp. Coeff.	T.C.	±450	-150~-700	-150~-1000	-150~-1300
	1/6W · 1/8W	<47K Ω	51KΩ~100KΩ	110KΩ~330KΩ	Over 360kΩ
	1/4W & OVER	<100KΩ	110KΩ~1MΩ	1.1MΩ~2.2MΩ	Over 2.4MΩ

\*RCWV" Rated Continuous Working Voltage

