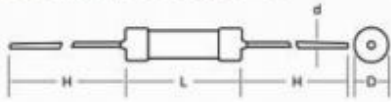


# Carbon Film Resistor

# 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%+0.05Ω)
Load life		70°C at rated power 1.5hrs on; 0.5 hr off for 1000hrs			±(5%+0.05Ω)
Dielectric Withstanding Voltage		Max Overload Voltage 1 Minute			±(0.5%+0.05Ω)
Temp. Cycling		-30°C / +85°C for 5 cycles			±(1%+0.05Ω)
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%+0.05Ω)
Soldering Heat Resistance		350°C for 3.5 secs.			±(2%+0.05Ω)
ppm / °C Temp. Coeff.	T.C.	±450	-150--700	-150--1000	-150--1300
	1/6W - 1/8W	<47KΩ	51KΩ-100KΩ	110KΩ-330KΩ	Over 360kΩ
	1/4W & OVER	<100KΩ	110KΩ-1MΩ	1.1MΩ-2.2MΩ	Over 2.4MΩ

\*RCWV" Rated Continuous Working Voltage

