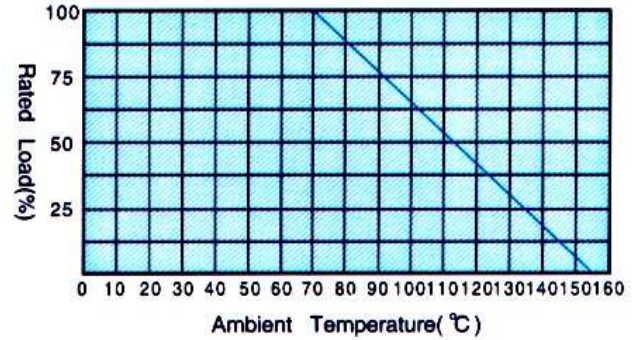
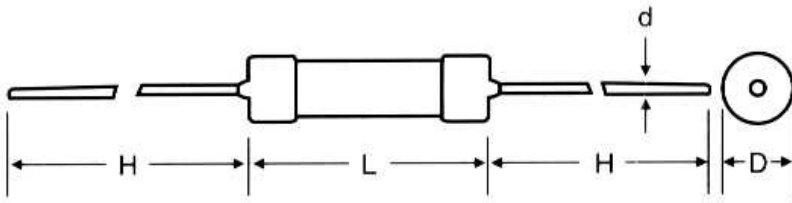


# Carbon film resistor



Notes: Too low or too high resistance value can be supplied by request.

## 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	0.45	STANDARD 1Ω-10MΩ
1/4WS	250V	500V	3.2±0.2	1.8±0.2	28±2.0	0.45	
1/4W	250V	500V	6.0±0.5	2.3±0.5	28±2.0	0.52	
1/2WS	350V	700V	6.0±0.5	2.3±0.5	28±2.0	0.52	
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	4.2±0.5	35±3.0	0.75	
2WS	500V	1000V	11.0±1.0	4.2±0.5	35±3.0	0.75	
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	33±3.0	0.75	

## ELECTRICAL PERFORMANCE

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 1.5 hrs on; 0.5 hr off for 1000 hrs	±(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	DC 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.	0±450	0±1300
	<47KΩ	51KΩ-100KΩ

RCWV:Rated Continuous Working Voltage