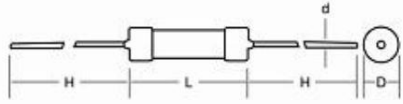


Carbon Film Resistor

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

