

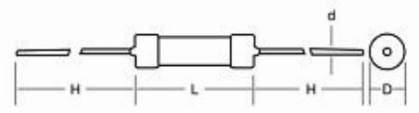


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Carbon Film Resistor

SRPASSIVES



Specifications

| 額定電力<br>POWER<br>RATING | 最高使用電壓<br>MAXIMUM<br>WORKING<br>VOLTAGE | 最高過負荷電壓<br>MAXIMUM<br>OVERLOAD<br>VOLTAGE | DIMENSIONS(mm) |         |        |        | 阻值範圍<br>RESISTANCE<br>RANGE |
|-------------------------|-----------------------------------------|-------------------------------------------|----------------|---------|--------|--------|-----------------------------|
|                         |                                         |                                           | L              | D       | H      | d±0.05 |                             |
| 1/6W, 1/8W              | 200V                                    | 400V                                      | 3.2±0.2        | 1.8±0.2 | 28±2.0 | 0.40   | STANDARD<br>1 Ω~10M Ω       |
| 1/4WS                   | 250V                                    | 500V                                      | 3.2±0.2        | 1.8±0.2 | 28±2.0 | 0.40   |                             |
| 1/4W                    | 250V                                    | 500V                                      | 6.0±0.5        | 2.3±0.5 | 28±2.0 | 0.45   |                             |
| 1/2WS                   | 350V                                    | 700V                                      | 6.0±0.5        | 2.3±0.5 | 28±2.0 | 0.45   |                             |
| 1/2W                    | 350V                                    | 700V                                      | 9.0±0.5        | 3.2±0.5 | 26±2.0 | 0.52   |                             |
| 1WS                     | 500V                                    | 1000V                                     | 9.0±0.5        | 3.2±0.5 | 26±2.0 | 0.52   |                             |
| 1W                      | 500V                                    | 1000V                                     | 11.0±1.0       | 3.7±0.5 | 35±2.0 | 0.65   |                             |
| 1W                      | 500V                                    | 1000V                                     | 11.0±1.0       | 4.2±0.5 | 25±2.0 | 0.65   |                             |
| 2WS                     | 500V                                    | 1000V                                     | 11.0±1.0       | 4.2±0.5 | 35±3.0 | 0.65   |                             |
| 2W                      | 500V                                    | 1000V                                     | 15.0±1.0       | 5.0±0.5 | 33±3.0 | 0.72   |                             |
| 3W                      | 500V                                    | 1000V                                     | 17.0±1.0       | 6.0±0.5 | 38±3.0 | 0.72   |                             |

Electrical Specifications

| Test Items                      |             | Condition                                            |            |             | Spec           |
|---------------------------------|-------------|------------------------------------------------------|------------|-------------|----------------|
| Short Time Overload             |             | 2.5 times of RCWV for 5 secs.                        |            |             | ±(2%+0.05 Ω)   |
| Load life                       |             | 70℃ 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℃ / +85℃ for 5 cycles                             |            |             | ±(1%+0.05 Ω)   |
| Insulation Resistance           |             | D.C. 500V                                            |            |             | 1000MΩ         |
| Moisture-proof Load Life        |             | 40℃ 95% RH 1.5hrs on / 0.5hr off cycle for 1000 hrs. |            |             | ±(5%+0.05 Ω)   |
| Soldering Heat Resistance       |             | 350℃ for 3.5 secs.                                   |            |             | ±(2%+0.05 Ω)   |
| ppm / ℃<br>Temp. Coeff.         | T.C.        | ± 450                                                | -150~-700  | -150~-1000  | -150~-1300     |
|                                 | TYPE        |                                                      |            |             |                |
|                                 | 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

