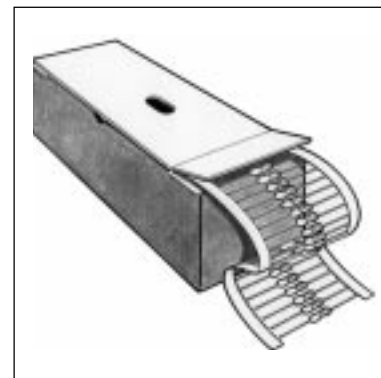


Key features

- small size to power ratio
- excellent long term stability
- complete flameproof construction
- high surge/overload capability
- controlled temperature capability
- solvent resistant coat and code
- special lead formations possible



Specification

Electrical

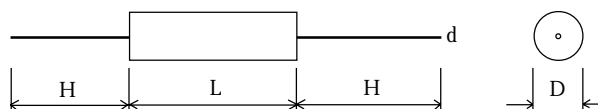
| Type | Power Rating | Maximum Working Voltage | Maximum Overload Voltage | Resistance Range | |
|--------|--------------|-------------------------|--------------------------|------------------|-------|
| RSS ½W | ½W | 250 V | 400 V | 30R ~ 33K | 2% 5% |
| RSS 1W | 1W | 350 V | 600 V | 30R ~ 33K | |
| RSS 2W | 2W | 350V | 600 V | 30R ~ 50K | |
| RSS 3W | 3W | 350 V | 600 V | 30R ~ 50K | |
| RSS 5W | 5W | 500 V | 800 V | 30R ~ 100K | |
| RSS 7W | 7W | 750 V | 1000 V | 30R ~ 200K | |

Environmental

| | |
|------------------------------|----------------|
| Temperature Coefficient: | ± 200ppm |
| Operating Temperature Range: | -50°C ~ +200°C |
| Flameproof: | UL - 1412 |

Dimensions

| Type | Dimensions | | | |
|--------|------------|-----------|---------|-----------|
| | D (mm) | L (mm) | H (mm) | Ød (mm) |
| RSS ½W | 2.6 ±0.3 | 6.8 ±0.5 | 30 ±3.0 | 0.6 ±0.05 |
| RSS 1W | 3.5 ±0.3 | 9.0 ±0.5 | 30 ±3.0 | 0.6 ±0.05 |
| RSS 2W | 4.5 ±0.4 | 11.0 ±1.0 | 30 ±3.0 | 0.8 ±0.05 |
| RSS 3W | 5.5 ±0.5 | 15.0 ±1.0 | 30 ±3.0 | 0.8 ±0.05 |
| RSS 5W | 8.5 ±0.3 | 24.0 ±1.0 | 38 ±3.0 | 0.8 ±0.05 |
| RSS 7W | 8.5 ±0.3 | 41.0 ±2.0 | 38 ±3.0 | 0.8 ±0.05 |



How To Order

| RSS | 2 | 100R | J | T |
|---------------------|--|---|-----------|---|
| Common Part | Wattage @ 25°C | Resistance Value | Tolerance | Packaging |
| RSS - Standard Part | 1 - 1 Watts 2 - 2 Watts 3 - 3 Watts 4 - etc..... See Table Above | 100R (100 ohms) 100R 1K0 (1000 ohms) 1K0 10K (10000 ohms) 10K | J - 5% | T - Ammo Packed in Boxes R - Taped And Reeled |

Please Request Full Data
Sheet F0470

sales action desk (01793) 611666

sales fax line (01793) 611777

Power Resistors

type RSS series

Miniature metal oxide resistors offer excellent performance in applications where stability and uniformity of characteristics are required. They provide smaller size for PCB application with high performance and precision, to replace some wirewound resistors and other high power resistors. Excellent power to size ratio is achieved by advanced oxide deposition techniques.