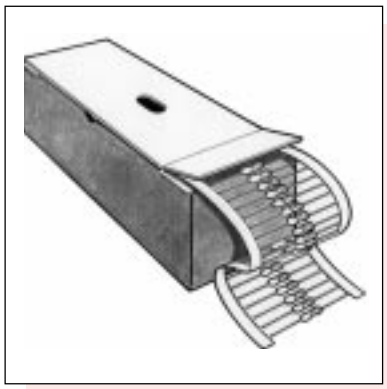
High Power Resistors

oxide film - axial power

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



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 andother high power resistors. Excellent power to size ratio is achieved by advanced oxide deposition techniques.

Specification

Electrical

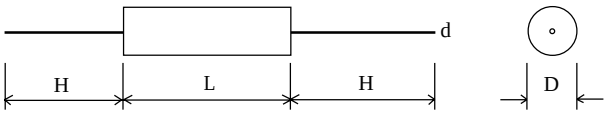
Type	Power Rating	Maximum Working Voltage	Maximum Overload Voltage	Resistance Range 2% 5%
RSS ½W	½W	250 V	400 V	30R ~ 33K
RSS 1W	1W	350 V	600 V	30R ~ 33K
RSS 2W	2W	350V	600 V	30R ~ 50K
RSS 3W	3W	350 V	600 V	30R ~ 50K
RSS 5W	5W	500 V	800 V	30R ~ 100K
RSS 7W	7W	750 V	1000 V	30R ~ 200K

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