

METAL OXIDE FILM RESISTORS

INTRODUCTION

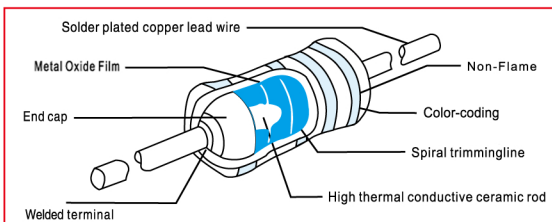
RSN Metal oxide film resistor, is with high reliability, high stability, and flameproof. It is applied to higher power circuits of electronic devices. RSS: Small-sized metal oxide film resistors

FEATURES

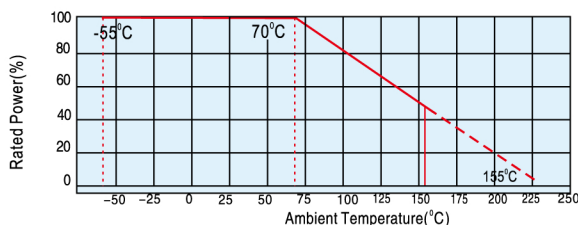
- High wattage
- High stability, High reliability
- Flame proof painting



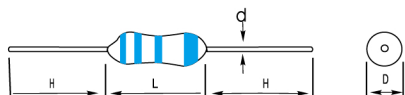
CONSTRUCTION



DERATING CURVE



STYLE



DIMENSIONS

TYPE	Dimensions (mm)				Power Rating	Max Working Voltage	Max Overload Voltage	Dielectric Withstanding Voltage	Resistance Range	
	L	D	d	H						
Normal size	1/4W	6.5±0.5	2.3±0.3	0.43±0.02	25±3	0.25W	200V	300V	250V	0.1Ω-600KΩ
	1/2W	9.0±1.0	3.2±0.5	0.50±0.02	25±3	0.5W	250V	400V	350V	0.1Ω-600KΩ
	1W	12.0±1.0	4.5±0.5	0.65±0.02	25±3	1W	350V	600V	500V	0.1Ω-600KΩ
	2W	15.5±1.0	5.0±1.0	0.72±0.02	23±3	2W	350V	600V	500V	0.1Ω-600KΩ
	3W	17.5±1.0	6.0±1.0	0.72±0.02	27±3	3W	450V	700V	600V	0.1Ω-600KΩ
	5W	24.5±1.0	8.5±1.0	0.75±0.02	27±3	5W	750V	1000V	750V	0.1Ω-600KΩ
	7W	41.0±1.0	8.5±1.0	0.8±0.02	38±3	7W	750V	1000V	750V	10Ω-200KΩ
Small size	1/2W(S)	6.5±0.5	2.3±0.3	0.43±0.02	25±3	0.5W	250V	400V	350V	0.1Ω-600KΩ
	1W(S)	9.0±1.0	3.2±0.3	0.50±0.02	25±3	1W	300V	500V	400V	0.1Ω-600KΩ
	2W(S)	12.0±1.0	4.5±0.5	0.65±0.02	25±3	2W	350V	600V	500V	0.1Ω-600KΩ
	3W(S)	15.5±1.0	5.0±1.0	0.72±0.02	23±3	3W	350V	600V	500V	0.1Ω-600KΩ
	5W(S)	17.0±1.0	6.0±1.0	0.72±0.02	27±3	5W	500V	800V	700V	0.1Ω-600KΩ
	7W(S)	24.5±1.0	8.5±1.0	0.75±0.02	27±3	7W	750V	1000V	750V	0.1Ω-600KΩ
	10W	53.0±1.0	8.5±1.0	0.8±0.02	38±3	10W	800V	1500V	1200V	10Ω-200KΩ

NOTE: Specification can be constructed on request.



Type	Power Rating	Form/ Packaging	Resistance Tolerance	Nominal Resistance
Normal Size	Normal Size	S Bulk (Straight)	F ±1%	3-Digit: E-24, 12 Series
Small Size	Small Size	M Bulk, M-Form series (Horizontal Forming)	G ±2%	e.g. OR12 = 0.12Ω
	1/6W	U Buld, U-Form series (Vertical Forming)	J ±5%	120R = 120Ω
	1/2W	Txx Boxed (26.52.63.73.83mm width taping)	K ±10%	1K2 = 1.2KΩ
	1W	T/R Tape on reel packing		12K = 12KΩ
	2W			12M = 12MΩ
	3W			
	4W			
	5W			