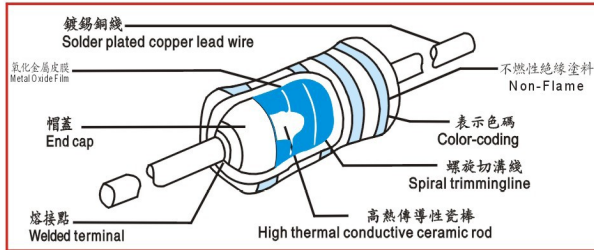


### 製品介紹 INTRODUCTION

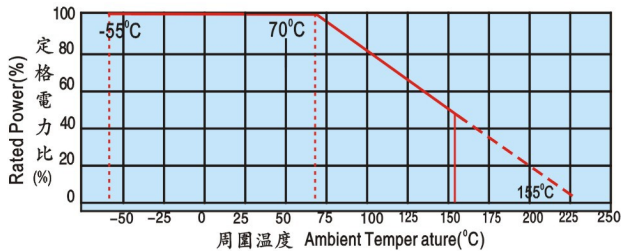
RSN 金屬氧化皮膜電阻器具有高信賴性、高穩定性及不燃等特性，適用於各種較大功率回路。RSS 為小型化產品。

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

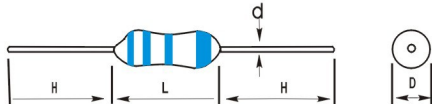
### 構造 CONSTRUCTION



### 負荷輕減曲線 DERATING CURVE



### 形狀 STYLE



### 尺寸 DIMENSIONS

形名 TYPE	尺寸 Dimensions (mm)				額定功率 Power Rating	最高工作電壓 Max Working Voltage	最高過負荷電壓 Max Overload Voltage	耐電壓 Dielectric Withstanding Voltage	電阻值範圍 Resistance Range
	L	D	d	H					
普通型 Normal size	RSN1/4W	6.5±0.5	2.3±0.3	0.43±0.02	25±3	0.25W	200V	250V	0.1Ω-600KΩ
	RSN1/2W	9.0±1.0	3.2±0.5	0.50±0.02	25±3	0.5W	250V	400V	0.1Ω-600KΩ
	RSN1W	12.0±1.0	4.5±0.5	0.65±0.02	25±3	1W	350V	600V	0.1Ω-600KΩ
	RSN2W	15.5±1.0	5.0±1.0	0.72±0.02	27±3	2W	350V	600V	0.1Ω-600KΩ
	RSN3W	17.5±1.0	6.0±1.0	0.72±0.02	27±3	3W	450V	700V	0.1Ω-600KΩ
	RSN5W	24.5±1.0	8.5±1.0	0.75±0.02	27±3	5W	750V	1000V	0.1Ω-600KΩ
	RSN7W	41.0±1.0	8.5±1.0	0.8±0.02	38±3	7W	750V	1000V	10Ω-200KΩ
	RSN10W	53.0±1.0	8.5±1.0	0.8±0.02	38±3	10W	800V	150V	10Ω-200KΩ
小型化 Small size	RSS1/2W(S)	6.5±0.5	2.3±0.3	0.43±0.02	25±3	0.5W	250V	400V	0.1Ω-600KΩ
	RSS1W(S)	9.0±1.0	3.2±0.3	0.50±0.02	25±3	1W	300V	500V	0.1Ω-600KΩ
	RSS2W(S)	12.0±1.0	4.5±0.5	0.65±0.02	25±3	2W	350V	600V	0.1Ω-600KΩ
	RSS3W(S)	15.5±1.0	5.0±1.0	0.72±0.02	25±3	3W	350V	600V	0.1Ω-600KΩ
	RSS5W(S)	17.0±1.0	6.0±1.0	0.72±0.02	27±3	5W	500V	800V	0.1Ω-600KΩ
	RSS7W(S)	24.5±1.0	8.5±1.0	0.75±0.02	27±3	7W	750V	1000V	0.1Ω-600KΩ

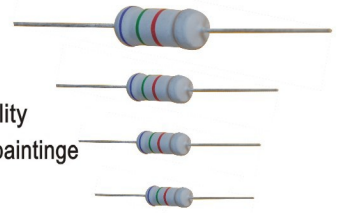
NOTE: Specification can be constructed on request.

### 訂貨方式 HOW TO ORDER

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

### 特徵 FEATURES

- 高電力性 High wattage
- 高穩定性、高信賴性 High stability, High reliability
- 不燃性塗裝 Flame proof painting



### 特性 CHARACTERISTICS

試驗項目 Test Items	規格值 Specified Value
溫度系數 Temp. coefficient of resistance	±350PPM/°C
短時間過負荷 Short time overload	RSN: ±(1%+0.05Ω) RSS: ±(2%+0.1Ω)
耐電壓 Dielectric withstanding voltage	無損壞的異狀 No evidence of damage
絕緣抵抗 Insulation resistance	> 10 <sup>10</sup> MΩ
端子強度 Terminal strength	無損壞的異狀 No evidence of damage
耐濕負荷 Moisture load life	±(5%+0.05Ω)
壽命實驗(定格負荷)70°C Load life at 700C	±(5%+0.05Ω)
溫度循環 Temper ature cycling	±(1%+0.05Ω)
焊錫性 Solderability	> 95%
耐溶劑性 Solderability	無損壞的異狀 No evidence of damage
不燃性 Flame proof	無燃燒的異狀 No evidence of flame