

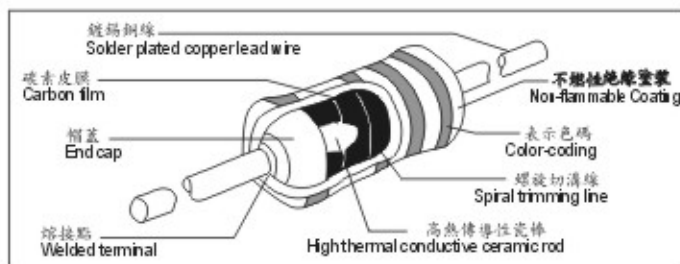
製品介紹 INTRODUCTION

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。

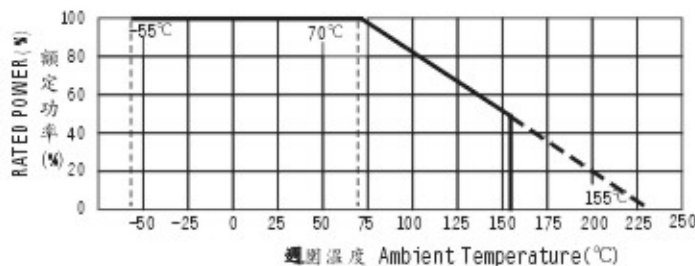
RSN Metal oxide film resistor, with high reliability, high stability, and flameproof. It is applied to higher power circuits of electronic devices.

RSS: Small-sized metal oxide

構造 CONSTRUCTION



功率曲線 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	0.45 ± 0.02	28 ± 3	0.25W	200V	200V	10Ω~33KΩ
	RSN1/2W	9.0 ± 1.0	3.2 ± 0.5	0.50 ± 0.02	28 ± 3	0.5W	250V	250V	10Ω~75KΩ
	RSN1W	12.0 ± 1.0	4.5 ± 0.5	0.65 ± 0.02	30 ± 3	1W	300V	400V	10Ω~100KΩ
	RSN2W	15.5 ± 1.0	5.0 ± 1.0	0.75 ± 0.02	30 ± 3	2W	350V	600V	10Ω~120KΩ
	RSN3W	17.5 ± 1.0	6.5 ± 1.0	0.75 ± 0.02	30 ± 3	3W	350V	800V	10Ω~150KΩ
	RSN5W	24.5 ± 1.0	9.0 ± 1.0	0.75 ± 0.02	30 ± 3	5W	750V	1000V	10Ω~200KΩ
小型化 Small size	RSS1/2W(S)	6.5 ± 0.5	2.3 ± 0.3	0.45 ± 0.02	28 ± 3	0.5W	250V	400V	10Ω~33KΩ
	RSS1W(S)	9.0 ± 1.0	3.2 ± 0.5	0.50 ± 0.02	28 ± 3	1W	350V	600V	10Ω~75KΩ
	RSS2W(S)	12.0 ± 1.0	4.5 ± 0.5	0.65 ± 0.02	30 ± 3	2W	350V	600V	10Ω~100KΩ
	RSS3W(S)	15.5 ± 1.0	5.0 ± 1.0	0.75 ± 0.02	30 ± 3	3W	350V	600V	10Ω~120KΩ
	RSS5W(S)	17.0 ± 1.0	6.5 ± 1.0	0.75 ± 0.02	30 ± 3	5W	500V	800V	10Ω~150KΩ

NOTE: Special specification can be constructed on request.

訂貨方式 HOW TO ORDER

SNN		1/4W		T52		J		10K	
種類 Type	額定功率 Power Rating	形狀/包裝方式 Form/ Packaging		電阻值容差 Resistance Tolerance		公稱電阻值 Nominal Resistance			
Normal Size: RSN	1/4W	S	Bu1K (Straight)	F	±1%	3-Digit: E-24, 12 Series e.g. 0R12=0.12Ω 120R=120Ω 1K2=1.2KΩ 12K=12KΩ 12M=12MΩ			
	1/2W	M	Bu1K, M-Form series (Horizontal Forming)	G	±2%				
Small Size: RSS	1W	U	Bu1K, u-Form series (Vertical Forming)	J	±5%				
	2W	Txx	Boxed(26, 52, 63, 73, 83mm width taping)	K	±10%				
	3W	T/R	Tape on reel packing						
	4W								
	5W								

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
溫度係數 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 ¹⁰ 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 70°C	± (5%+0.05Ω)
溫度循環 Temperature cycling	± (1%+0.05Ω)
焊錫性 Solderability	>95%
耐溶劑性 Resistance to solvent	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