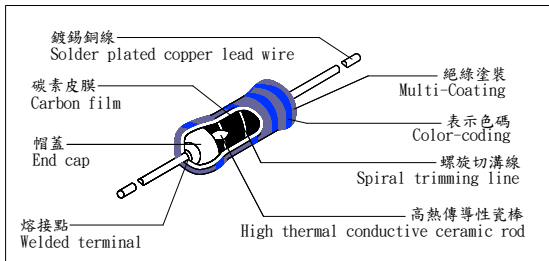


製品介紹 INTRODUCTION

RD 碳素皮膜電阻器具有高信賴性、高穩定性及價格便宜等特性，廣泛應用於各種電子機器/設備。

RD, Carbon film resistor, is with the features of high reliability, stability, and lower price, and applied for various electronic equipments.

構造 CONSTRUCTION



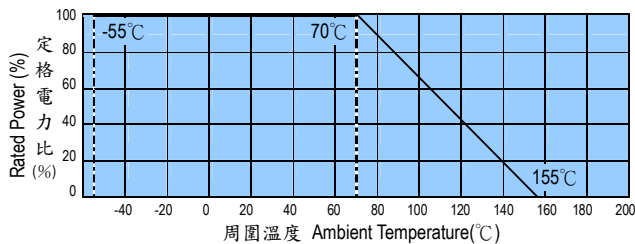
特長 FEATURES

- 高信賴性 High reliability
- 高穩定性 High stability
- 價格便宜 Lower price

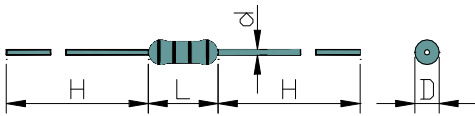
特性 CHARACTERISTICS

試驗項目 Test Items	規格值 Specified Value
短時間過負荷 Short time overload	±(1%+0.05Ω)
耐電壓 Dielectric withstanding voltage	無損壞的異狀 No evidence of damage
絕緣抵抗 Insulation resistance	Over 10 ⁴ MΩ
端子強度 Terminal strength	無損壞的異狀 No evidence of damage
耐久性(耐濕負荷) Moisture load life	R < 100KΩ ±3% R ≥ 100KΩ ±5%
耐久性(定格負荷)70°C Load life at 70°C	R < 100KΩ ±(2%+0.05Ω) R ≥ 100KΩ ±3%
溫度循環 Temperature cycling	±(1%+0.05Ω)
焊錫耐熱性 Resistance to soldering heat	±(0.5%+0.05Ω)
焊錫附著性 Solderability	Over 95%
耐溶劑性 Resistance to solvent	無損壞的異狀 No evidence of damage

負荷輕減曲線 DERATING CURVE



形狀 STYLE



溫度係數 Temp. coefficient of resistance

Type	T.C.R.	±450PPM/°C	-700PPM/°C	-1000PPM/°C	-1300PPM/°C
1/6W, 1/4WS		< 47KΩ	51K~100KΩ	110K~330KΩ	> 360KΩ
Over 1/4W, 1/2WS		< 100KΩ	110K~1MΩ	1.1M~2.2MΩ	> 2.4MΩ

尺寸 DIMENSIONS

形名 Type	尺寸 Dimensions(mm)				額定電力 Power Rating	最高使用電壓 Max. Working Voltage	最高過負荷電壓 Max. Overload Voltage	耐電壓 Dielectric Withstanding Volt.	電阻值範圍 Resistance Range	
	L	D	d	H						
普通型 Normal size	RD1/6W	3.2±0.2	1.8±0.2	0.45±0.05	28±3	0.16W	250V	400V	300V	2.2Ω~2.2MΩ
	RD1/4W	6.5±0.5	2.3±0.3	0.55±0.05	28±3	0.25W	300V	600V	500V	2.2Ω~4.7MΩ
	RD1/2W	9.0±1.0	3.2±0.5	0.65±0.05	28±3	0.5W	350V	700V	700V	2.2Ω~5.1MΩ
	RD1W	12.0±1.0	4.5±0.5	0.80±0.05	32±3	1W	500V	1000V	1000V	2.2Ω~5.1MΩ
	RD2W	15.5±1.0	5.0±1.0	0.80±0.05	35±3	2W	750V	1500V	1000V	2.2Ω~5.1MΩ
小型化 Small size	RD1/4WS	3.2±0.2	1.8±0.2	0.50±0.05	28±3	0.25W	250V	400V	300V	2.2Ω~2.2MΩ
	RD1/2WS	6.5±0.5	2.3±0.3	0.55±0.05	28±3	0.5W	300V	600V	500V	2.2Ω~4.7MΩ
	RD1WS	9.0±1.0	3.2±0.5	0.65±0.05	28±3	1W	350V	700V	700V	2.2Ω~5.1MΩ
	RD2WS	12.0±1.0	4.5±0.5	0.80±0.05	32±3	2W	500V	1000V	1000V	2.2Ω~5.1MΩ
	RD3WS	15.5±1.0	5.0±1.0	0.80±0.05	35±3	3W	750V	1500V	1000V	2.2Ω~5.1MΩ

NOTE: Special specification can be constructed on request.

訂貨方式 HOW TO ORDER

RD	1/4W	T52	J	10K
種類 Type	額定電力 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 Small Size	P Bulk (Straight)	J ±5%	3-Digit: E-24, 12 Series
	1/6W 1/4WS	M Bulk, M-Form series (Horizontal Forming)	K ±10%	e.g. 0R12 = 0.12Ω
	1/4W 1/2WS	F Bulk, F-Form series (Vertical Forming)	M ±20%	1K2 = 1.2KΩ
	1/2W 1WS	Txx Boxed (26,52,63,73,83mm width taping)		12K = 12KΩ
	1W 2WS	T/R Tape on reel packing		12M = 12MΩ
	2W 3WS	PN Radial taping pana-sert		