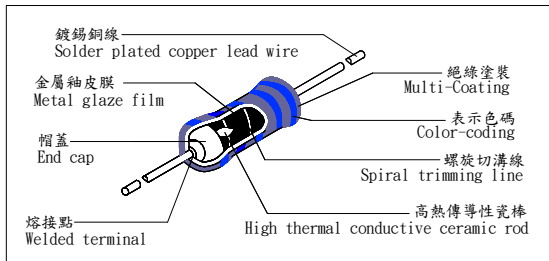


製品介紹 INTRODUCTION

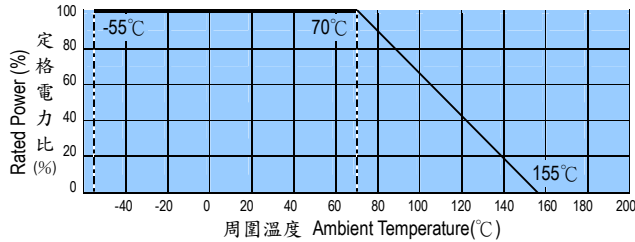
RL 金屬釉皮膜電阻器，屬於高性能之高壓電阻器，適用於較高電壓設計之電子回路。

RL, Metal glaze film resistor, is a functional high-voltage resistor, which is suitable for electronic circuits that are designed to bear high voltage.

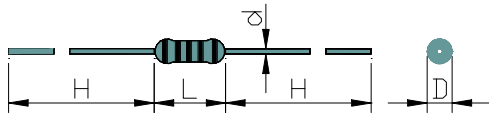
構造 CONSTRUCTION



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	RL1/6W	3.2±0.2	1.8±0.2	0.45±0.05	28±3	0.16W	500V	1000V	300V	100KΩ~5.1MΩ
	RL1/4W	6.5±0.5	2.3±0.3	0.55±0.05	28±3	0.25W	1600V	2000V	700V	100KΩ~33MΩ
	RL1/2W	9.0±1.0	3.2±0.5	0.65±0.05	28±3	0.5W	2000V	2500V	700V	100KΩ~33MΩ
	RL1W	12.0±1.0	4.5±0.5	0.80±0.05	32±3	1W	4000V	5000V	700V	100KΩ~56MΩ
	RL2W	15.5±1.0	5.0±1.0	0.80±0.05	35±3	2W	5000V	5000V	700V	100KΩ~100MΩ
小型化 Small size	RL1/4WS	3.2±0.2	1.8±0.2	0.50±0.05	28±3	0.25W	500V	1000V	300V	100KΩ~5.1MΩ
	RL1/2WS	6.5±0.5	2.3±0.3	0.55±0.05	28±3	0.5W	1600V	2000V	700V	100KΩ~33MΩ
	RL1WS	9.0±1.0	3.2±0.5	0.65±0.05	28±3	1W	2000V	2500V	700V	100KΩ~33MΩ
	RL2WS	12.0±1.0	4.5±0.5	0.80±0.05	32±3	2W	4000V	5000V	700V	100KΩ~56MΩ
	RL3WS	15.5±1.0	5.0±1.0	0.80±0.05	35±3	3W	5000V	5000V	700V	100KΩ~100MΩ

NOTE: Special specification can be constructed on request.

訂貨方式 HOW TO ORDER

RL	1/4W	T52	F	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)	F ±1%	4-Digit: E-96, 24 Series
	1/6W 1/4WS	M Bulk, M-Form series (Horizontal Forming)	J ±5%	e.g. 0R12 = 0.12Ω
	1/4W 1/2WS	F Bulk, F-Form series (Vertical Forming)		120R = 120Ω
	1/2W 1WS	Txx Boxed (52,63,73,83mm width taping)		1K2 = 1.2KΩ
	1W 2WS	PN Radial taping pana-sert		12K = 12KΩ
	2W 3WS			12M = 12MΩ

特長 FEATURES

- 高電阻值 High resistance
- 高信賴性 High reliability
- 高精度 High precision

特性 CHARACTERISTICS

試驗項目 Test Items	規格值 Specified Value
溫度係數 Temp. coefficient of resistance	±200PPM/°C
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 ¹⁰ 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	±(5%+0.05Ω)
耐久性(定格負荷)70°C Load life at 70°C	±(5%+0.05Ω)
溫度循環 Temperature cycling	±(1%+0.05Ω)
焊錫耐熱性 Resistance to soldering heat	±(1%+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