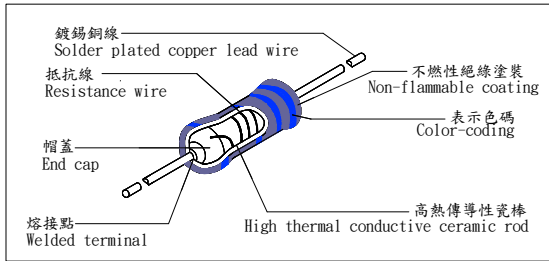


製品介紹 INTRODUCTION

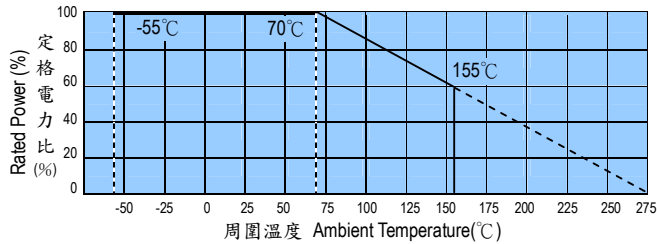
KNP 繞線電阻器具有高抗熱性、耐脈衝性及高信賴性等特性，適用於各種較大功率回路。

KNP, Wire wound resistor, is with the features of superior heat and pulse resistance as well as high reliability. It is suitable for high-power circuits of electronic devices.

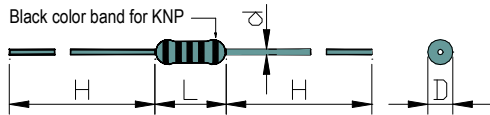
構造 CONSTRUCTION



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	電阻值範圍 Resistance Range
	L	D	d	H		
普通型 Normal size	KNP1/4W	6.5±0.5	2.3±0.3	0.55±0.05	28±3	0.25W 0.1Ω~27Ω
	KNP1/2W	9.0±1.0	3.2±0.5	0.65±0.05	28±3	0.5W 0.1Ω~39Ω
	KNP1W	12.0±1.0	4.5±0.5	0.80±0.05	32±3	1W 0.1Ω~50Ω
	KNP2W	15.5±1.0	5.0±1.0	0.80±0.05	35±3	2W 0.1Ω~120Ω
	KNP3W	17.5±1.0	6.5±1.0	0.80±0.05	35±3	3W 0.1Ω~200Ω
小型化 Small size	KNP5W	24.5±1.0	9.0±1.0	0.80±0.05	32±3	5W 0.1Ω~470Ω
	KNP1/2WS	6.5±0.5	2.3±0.3	0.55±0.05	28±3	0.5W 0.1Ω~27Ω
	KNP1WS	9.0±1.0	3.2±0.5	0.65±0.05	28±3	1W 0.1Ω~39Ω
	KNP2WS	12.0±1.0	4.5±0.5	0.80±0.05	32±3	2W 0.1Ω~50Ω
	KNP3WS	15.5±1.0	5.0±1.0	0.80±0.05	35±3	3W 0.1Ω~120Ω
KNP5WS	17.5±1.0	6.5±1.0	0.80±0.05	35±3	5W 0.1Ω~200Ω	

NOTE: Special specification can be constructed on request.

訂貨方式 HOW TO ORDER

KNP	1W	T52	J	10R
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) M Bulk, M-Form series (Horizontal Forming) F Bulk, F-Form series (Vertical Forming) Txx Boxed (52,63,73,83mm width taping)	F ±1% G ±2% J ±5% K ±10%	3-Digit: E-24, 12 Series e.g. 0R12 = 0.12Ω 120R = 120Ω 1K2 = 1.2KΩ
	1/4W 1/2WS 1/2W 1WS 1W 2WS 2W 3WS 3W 5WS 5W			

特長 FEATURES

- 高抗熱性 Superior heat resistance
- 耐脈衝性 Superior pulse resistance
- 高信賴性 High reliability

特性 CHARACTERISTICS

試驗項目 Test Items	規格值 Specified Value
溫度係數 Temp. coefficient of resistance	±300PPM/°C
短時間過負荷 Short time overload	±(2%+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 ⁹ 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	±(2%+0.05Ω)
焊錫耐熱性 Resistance to soldering heat	±(2%+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
不燃性 Flame proof	無燃燒的異狀 No evidence of flame

表面溫度上昇 SURFACE TEMP. RISE

