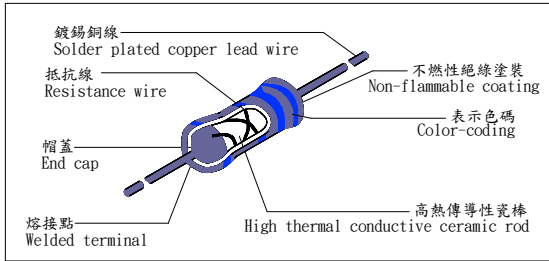


製品介紹 INTRODUCTION

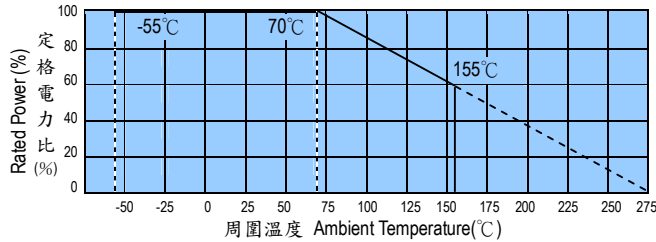
NKNP 無感型繞線電阻器，屬於高性能之低電感量電阻器，適用於低電感量要求之較大功率回路。

NKNP, Non-inductive wire wound resistor, is a functional and low-inductance resistor. It is suitable for applications on higher power circuits that need low inductance.

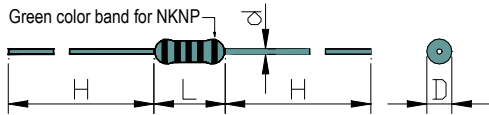
構造 CONSTRUCTION



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	NKNP1/4W	6.5±0.5	2.3±0.3	0.55±0.05	28±3	0.25W 0.01Ω~10Ω
	NKNP1/2W	9.0±1.0	3.2±0.5	0.65±0.05	28±3	0.5W 0.01Ω~18Ω
	NKNP1W	12.0±1.0	4.5±0.5	0.80±0.05	32±3	1W 0.01Ω~24Ω
	NKNP2W	15.5±1.0	5.0±1.0	0.80±0.05	35±3	2W 0.01Ω~30Ω
	NKNP3W	17.5±1.0	6.5±1.0	0.80±0.05	35±3	3W 0.01Ω~43Ω
小型化 Small size	NKNP5W	24.5±1.0	9.0±1.0	0.80±0.05	32±3	5W 0.01Ω~68Ω
	NKNP1/2WS	6.5±0.5	2.3±0.3	0.55±0.05	28±3	0.5W 0.01Ω~10Ω
	NKNP1WS	9.0±1.0	3.2±0.5	0.65±0.05	28±3	1W 0.01Ω~18Ω
	NKNP2WS	12.0±1.0	4.5±0.5	0.80±0.05	32±3	2W 0.01Ω~24Ω
	NKNP3WS	15.5±1.0	5.0±1.0	0.80±0.05	35±3	3W 0.01Ω~30Ω
NKNP5WS	17.5±1.0	6.5±1.0	0.80±0.05	35±3	5W 0.01Ω~43Ω	

NOTE: Special specification can be constructed on request.

訂貨方式 HOW TO ORDER

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

特長 FEATURES

- 超低電感量(1uH以下) Very low inductance(less than 1uH)
- 高抗熱性 Superior heat resistance
- 耐脈衝性 Superior pulse resistance

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

