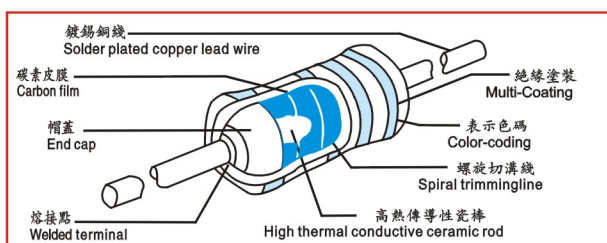


製品介紹 INTRODUCTION

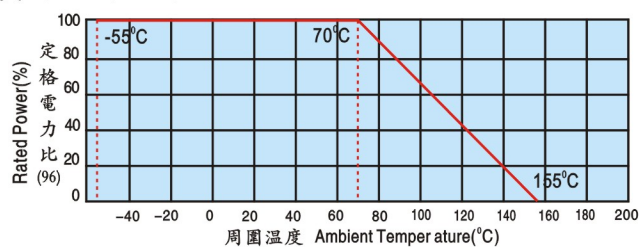
CFN 不燃性碳素皮膜電阻器，是屬於高性能之不燃性電阻器，適用於各種電子機器/設備。

CFN Flame proof carbon film resistor, is a functional and nonflammable resistor which is applied for various electronic devices.

構造 CONSTRUCTION



負荷輕減曲線 DERATING CURVE



形狀 STYLE



尺寸 DIMENSIONS

形名		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
TYPE		L	D	d	H					
普通型 Normal size	CFN1/6W	3.2±0.2	1.8±0.2	0.40±0.02	25±3	0.16W	150V	300V	300V	1 Ω~10M
	CFN1/4W	6.5±0.5	2.3±0.3	0.43±0.02	25±3	0.25W	250V	500V	500V	0.1 Ω~22M
	CFN1/2W	9.0±1.0	3.2±0.5	0.50±0.02	25±3	0.5W	350V	700V	500V	0.1 Ω~22M
	CFN1W	12.0±1.0	4.5±0.5	0.65±0.02	25±3	1W	500V	1000V	1000V	0.1 Ω~22M
	CFN2W	15.5±1.0	5.0±1.0	0.72±0.02	27±3	2W	500V	1000V	1000V	0.1 Ω~22M
小型華 Small size	CFN1/4WS	3.2±0.2	1.8±0.2	0.40±0.02	25±3	0.25W	200V	400V	400V	0.1 Ω~22M
	CFN1/2WS	6.5±0.5	2.3±0.3	0.43±0.02	25±3	0.5W	300V	600V	500V	0.1 Ω~22M
	CFN1WS	9.0±1.0	3.2±0.5	0.50±0.02	25±3	1W	400V	800V	700V	0.1 Ω~22M
	CFN2WS	12.0±1.0	4.5±0.5	0.65±0.02	25±3	2W	500V	1000V	1000V	0.1 Ω~22M
	CFN3WS	15.5±1.0	5.0±0.5	0.72±0.02	27±3	3W	500V	1000V	1000V	0.1 Ω~22M

NOTE: Specification can be constructed on request.

訂貨方式 HOW TO ORDER

CFN

種類
Type

1/4W

預定電力 Power Rating	
Normal Size	Small Size
1/6W	1/4WS
1/4W	1/2WS
1/2W	1WS
1W	2WS
2W	3WS

T52

形狀/包裝方式 Form/ Packaging	
S.P	Bulk (Straight)
M	Bulk, M-Form series (Horizontal Forming)
U	Bulk, U-Form series (Vertical Forming)
Txx	Boxed (26.52.63.73.83mm width taping)
T/R	Tape on reel packing
U/T	Radial Taping

J

電阻值誤差率 Resistance Tolerance	
J	±5%
K	±10%
G	±2%

10K

公稱電阻值 Nominal Resistance	
3-Digit: E-24, 12 Series	
e.g.	OR12 = 0.12Ω
	120R = 120Ω
	1K2 = 1.2KΩ
	12K = 12KΩ
	12M = 12MΩ

特長 FEATURES

- 高抗熱性 Superior heat resistance
- 耐脈衝性 Superior pulse resistance
- 不燃性塗裝 Flame proof painting

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