

### ■ 制品介紹 INTRODUCTION

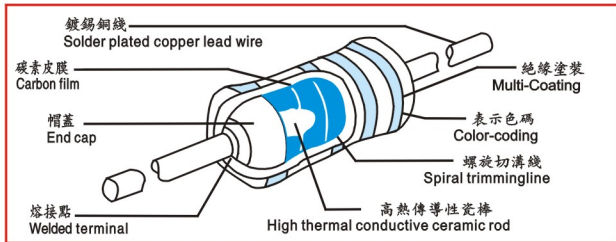
CF 碳素皮膜電阻器具有高信賴性、高穩定性及價格便宜等特價・廣泛應用於各種電子機器/設備。

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

### ■ 特長 FEATURES

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

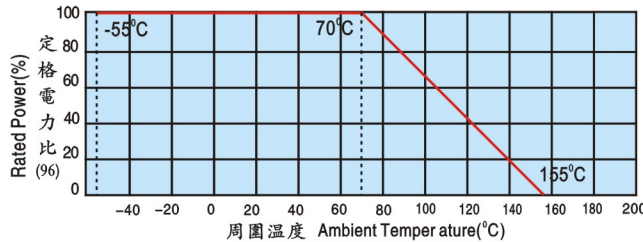
### ■ 構造 CONSTRUCTION



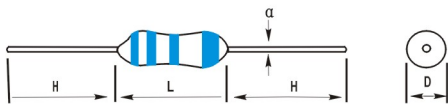
### ■ 特性 CHARACTERISTICS

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 <sup>14</sup> 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	
	L	D	d	H						
普通型 Normal size	CF1/6W	3.2±0.2	1.8±0.2	0.40±0.02	25±3	0.16W	150V	300V	300V	1Ω~10M
	CF1/4W	6.5±0.5	2.3±0.3	0.40±0.02	25±3	0.25W	250V	500V	500V	0.1Ω~22M
	CF1/2W	9.0±1.0	3.2±0.5	0.50±0.02	25±3	0.5W	350V	700V	500V	0.1Ω~22M
	CF1W	12.0±1.0	4.5±0.5	0.65±0.02	25±3	1W	500V	1000V	1000V	0.1Ω~22M
	CF2W	15.5±1.0	5.0±1.0	0.72±0.02	27±3	2W	500V	1000V	1000V	0.1Ω~22M
小型化 Small size	CF3W	17.5±1.0	6.0±1.0	0.72±0.02	27±3	3W	600V	1100V	1000V	0.1Ω~22M
	CF5W	24.5±1.0	8.5±1.0	0.75±0.02	27±3	5W	700V	1200V	1000V	0.1Ω~22M
	CF1/4WS	3.2±0.2	1.8±0.2	0.40±0.02	25±3	0.25W	200V	400V	400V	0.1Ω~22M
	CF1/2WS	6.5±0.5	2.3±0.3	0.40±0.02	25±3	0.5W	300V	600V	500V	0.1Ω~22M
	CF1 WS	9.0±1.0	3.2±0.5	0.50±0.02	25±3	1W	400V	800V	700V	0.1Ω~22M
CF2 WS	12.0±1.0	4.5±0.5	0.65±0.02	25±3	2W	500V	1000V	1000V	0.1Ω~22M	
CF3 WS	15.5±1.0	5.0±0.5	0.75±0.02	27±3	3W	500V	1000V	1000V	0.1Ω~22M	
CF5 WS	17.0±1.0	6.0±1.0	0.72±0.02	27±3	5W	700V	1100V	1100V	0.1Ω~22M	

NOTE: Specification can be constructed on request.

### ■ 訂貨方式 HOW TO ORDER

CF	1/4W	T52	J	10K																																														
種類 Type	預定電力 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																																														
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