



### 特點

1. 功率大、體積小。
2. 絕佳之耐脉衝特性。
3. 不燃性絕緣塗裝，可耐溶劑清洗及高溫。
4. 超低電感量(1 μH以下)。

### Features

1. High power, Small body size.
2. Excellent pulse characteristics.
3. Flameproof painting, resistant to heat & solvents.
4. Very low inductance (less than 1 μH).

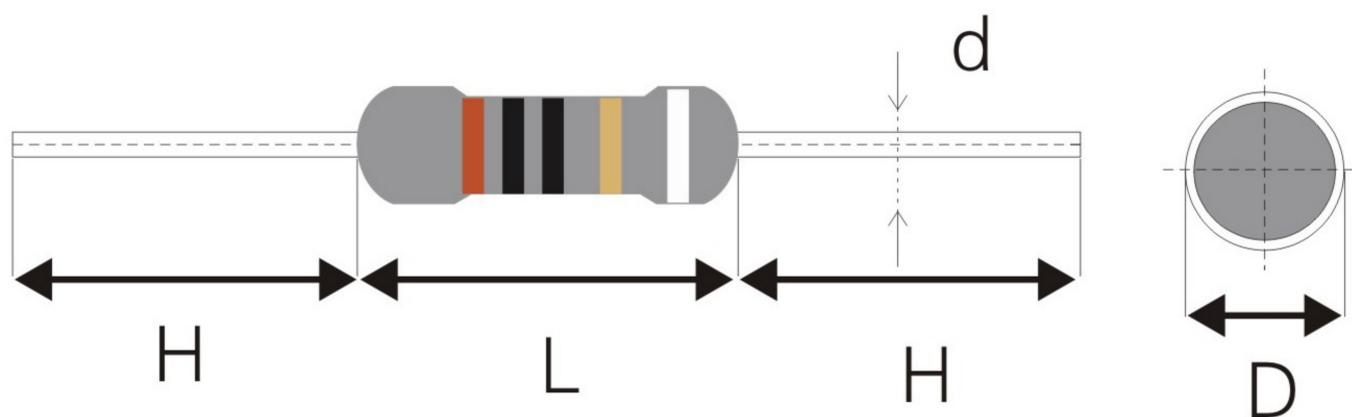
### 電氣及機械特性 ELECTRICAL AND MECHANICAL PERFORMANCE

特性 Characteristics	規格值 Standards	試驗方法 Test Methods
阻值容許誤差 Resistance Tolerance	± 5% (J) or ± 2% (G)	-
溫度系數 Resistance Temp. Coeff.	± 300 ppm/°C,	-55°C ~ 155°C
額定負載 Power Rating Load	Surface temp. 235°C Max. 最高表面溫度 235°C, ΔR/R ≤ ± 1%	Rated voltage for 30 minutes 額定電壓/30分鐘
短時間過負載 Short Time Overload	± 2%	2.5 times of rated wattage for 5 seconds. 2.5 倍額定功率/5秒
耐電壓 Dielectric Withstanding Voltage	No evidence of mechanical damage or insulation breakdown. 無機械性能損壞及絕緣擊穿現象	Max, Working Voltage for 1 min 施加最高工作電壓1分鐘
絕緣電阻 Insulation Resistance	1,000MΩ	DC 100V megger
端子強度 Terminal Strength	No evidence of mechanical damage 無機械性能損壞現象	≤ 1/2 W : 1 kg ≥ 1W : 2kg
焊錫性 Solder-ability	Minimum 95% coverage 焊錫面積 ≥ 95%	235 ± 5°C for 2 seconds
浸錫耐熱性 Resistance to Soldering Heat	No evidence of mechanical damage. 無機械性能損壞現象, ΔR/R ≤ ± 1%	270 ± 5°C for 10 ± 1 seconds 350 ± 10°C for 3.5 ± 0.5 seconds

### 耐環境特性 ENVIRONMENTAL CHARACTERISTICS

特性 Characteristics	規格值 Standards	試驗方法 Test Methods
溫度週率 Temp. Cycle	ΔR/R ≤ ± 1%	-55°C (30 min.) → Room Temp. (3 min.) → +155°C (30 min.) → Room Temp. (3 min.) / (5 cycles)
負載壽命 Load Life	ΔR/R ≤ ± 5%	Rated power load 90 minutes ON 30 minutes OFF 70°C 1000 hours
耐濕壽命 Moisture-proof Load Life	ΔR/R ≤ ± 5%	Rated power load 90 minutes ON 30 minutes OFF 40°C 95% RH 500 hours
不燃性 Nonflammability	not flamed	16 times of rated wattage for 5 min

尺寸 Dimensions



Unit: mm

Rated Wattage	D ± 1	L ± 1	H ± 3	d ± 0.1	Resistance Range(Ω)	Max.Working Voltage	Max.Overload Voltage
1/2W	2.6 ± 0.5	6.8	28	0.6	0.22~200K	250V	400V
1W	3.5	9	28	0.65	0.22~200K	350V	600V
2W	4.5	11	28	0.8	0.22~200K	350V	600V
3W	5.0	15	28	0.8	0.22~200K	350V	600V

Note: 1. Too low or too high ohmic values can be supplied only case by case.

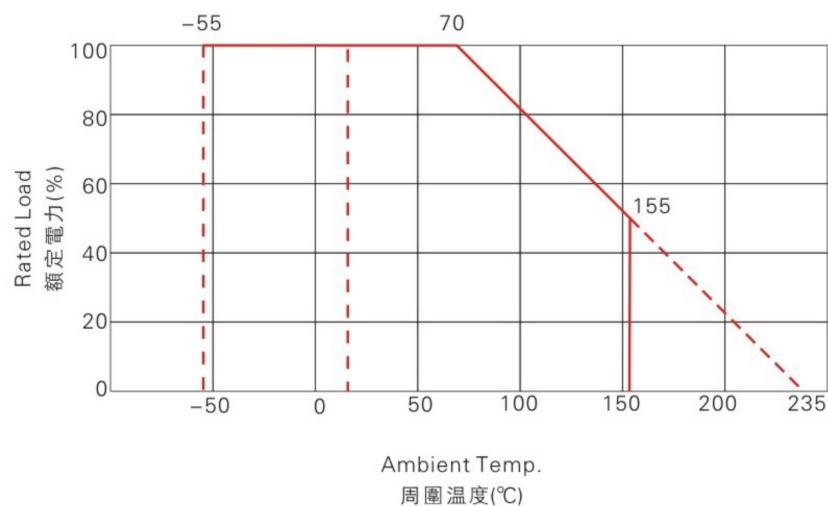
2. Pricing is different, depending on resistance values

Rate Continuous Working Voltage (RCWV) shall be determined

√ Rated Power X Resistance Value or Max.Working Voltage listed above. whichever less.

電力輕減曲綫 Derating Curve

For resistors operated in ambient temperatures above 70°C, power rating must be derated in accordance with the curve below.



表面温度上升曲綫 Surface Temperature Rise

