



特點

1. 依據IEC 61000-4-5測試方法，耐雷擊能力達6KV。
2. 散熱性佳，溫度係數小且呈綫性變化。
3. 不燃性絕緣塗裝，可耐溶劑清洗及高溫。

Features

1. Excellent anti-surge characteristics – 6KV according to IEC 61000-4-5.
2. Super heat dissipation; small linear temperature coefficient.
3. Flameproof painting, resistant to heat & solvents.

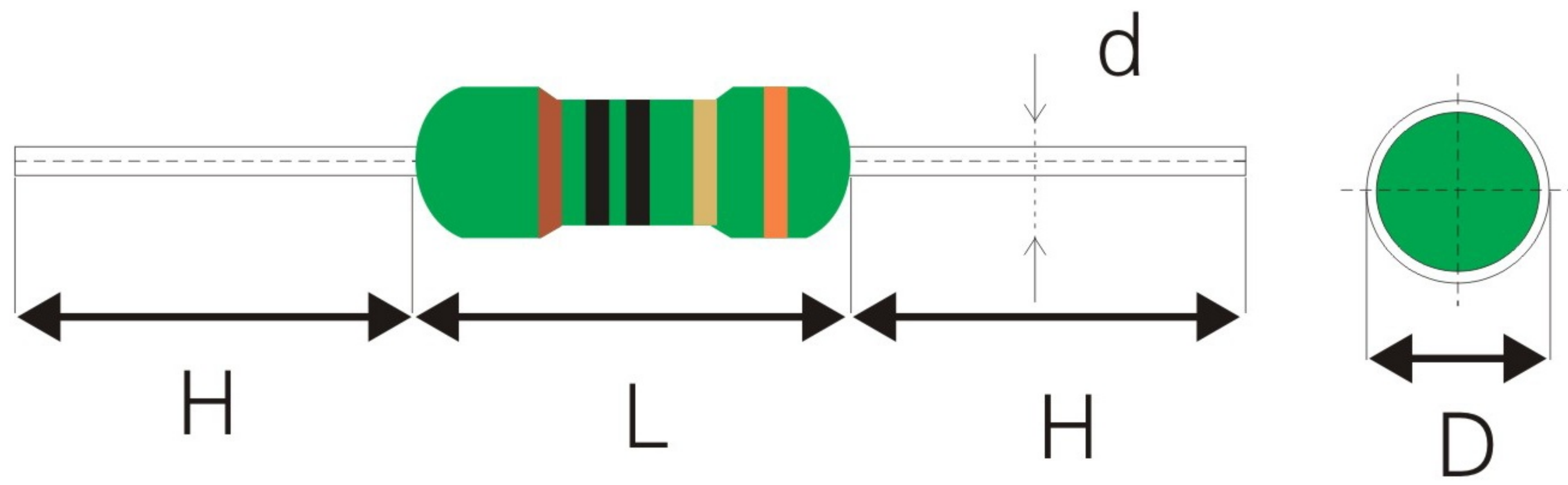
電氣及機械特性 ELECTRICAL AND MECHANICAL PERFORMANCE

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)	-
溫度係數 Resistance Temp. Coeff.	± 300 ppm/°C,	-55°C ~ 200°C
額定負載 Power Rating Load	Surface temp. 275°C Max. 最高表面溫度275°C, $\Delta R/R \leq \pm 0.5\%$	Rated voltage for 30 minutes 額定電壓/30分鐘
短時間過負載 Short Time Overload	± 2%	10 times of rated wattage for 5 seconds. 10 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	AC 500V for 1 minutes 施加AC 500V電壓1分鐘
絕緣電阻 Insulation Resistance	1,000M Ω	DC 500V megger
耐雷擊 Surge Voltage Withstanding	$\Delta R/R \leq \pm 3\%$	20 pulses (1.2/50us), max. 60s between each pulse.
端子強度 Terminal Strength	No evidence of mechanical damage 無機械性能損壞現象	2.5 kg
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, $\Delta R/R \leq \pm 1\%$	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	$\Delta R/R \leq \pm 1\%$	-55°C (30 min.) → Room Temp. (3 min.) → +200°C (30 min.) → Room Temp. (3 min.) / (5 cycles)
負載壽命 Load Life	$\Delta R/R \leq \pm 3\%$	Rated power load 90 minutes ON 30 minutes OFF 70°C 1000 hours
耐濕壽命 Moisture-proof Load Life	$\Delta R/R \leq \pm 3\%$	Rated power load 90 minutes ON 30 minutes OFF 40°C 95% RH 1000 hours
不燃性 Nonflammability	not flamed	16 times of rated wattage for 5 min

尺寸 Dimensions



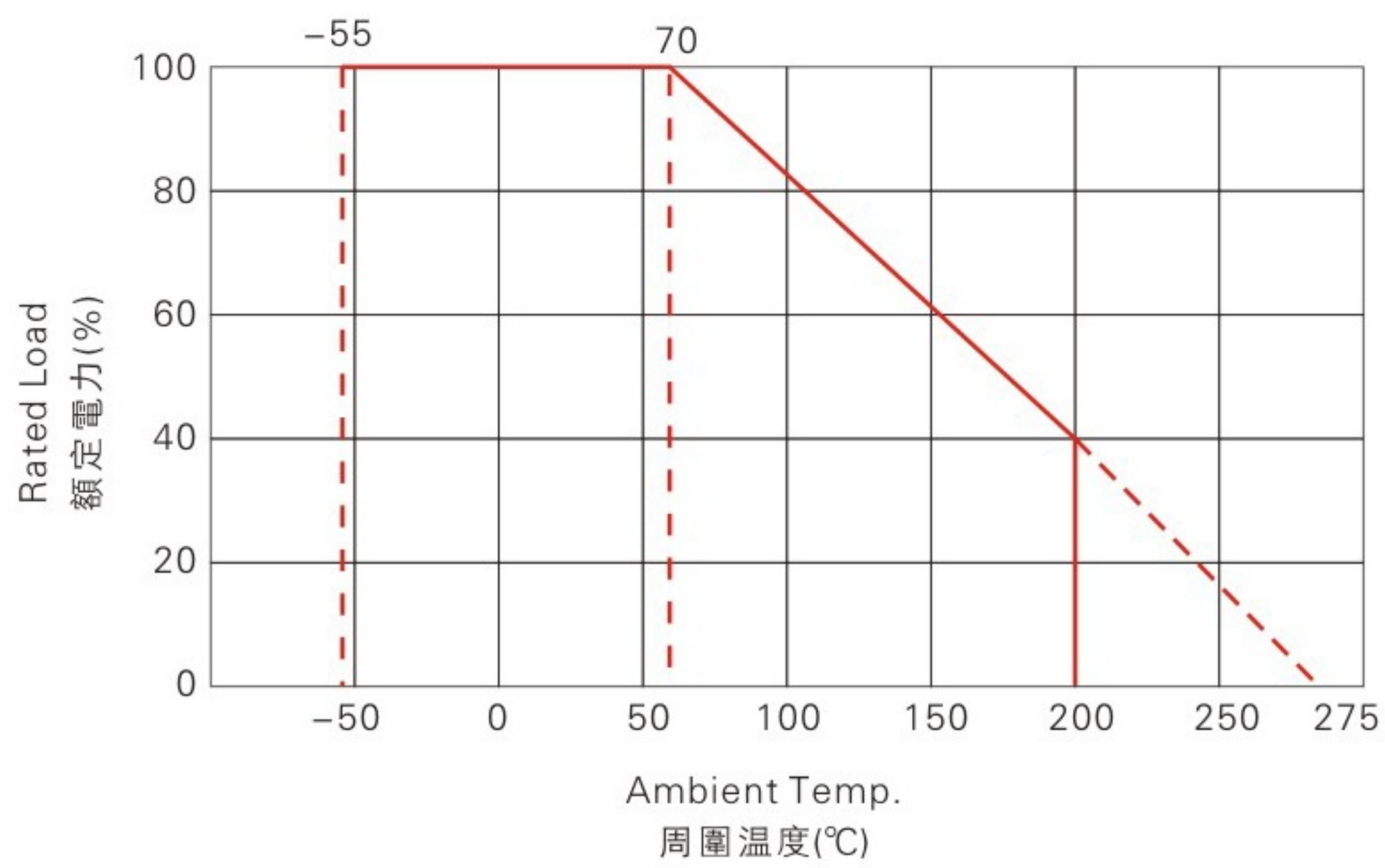
Unit: mm

Rated Wattage	$D \pm 1$	$L \pm 1$	$H \pm 3$	$d \pm 0.1$	Resistance Range(Ω)
3WL	5.5	15	38	0.8	0.1~1K

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

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.



表面溫度上升曲綫 Surface Temperature Rise

