



特點

1. 微阻值。
2. 低感量。
3. 穩定性卓越。
4. 依照客戶規格承制。

Features

1. Milli ohm.
2. Low inductance.
3. High stability.
4. It is custom-made.

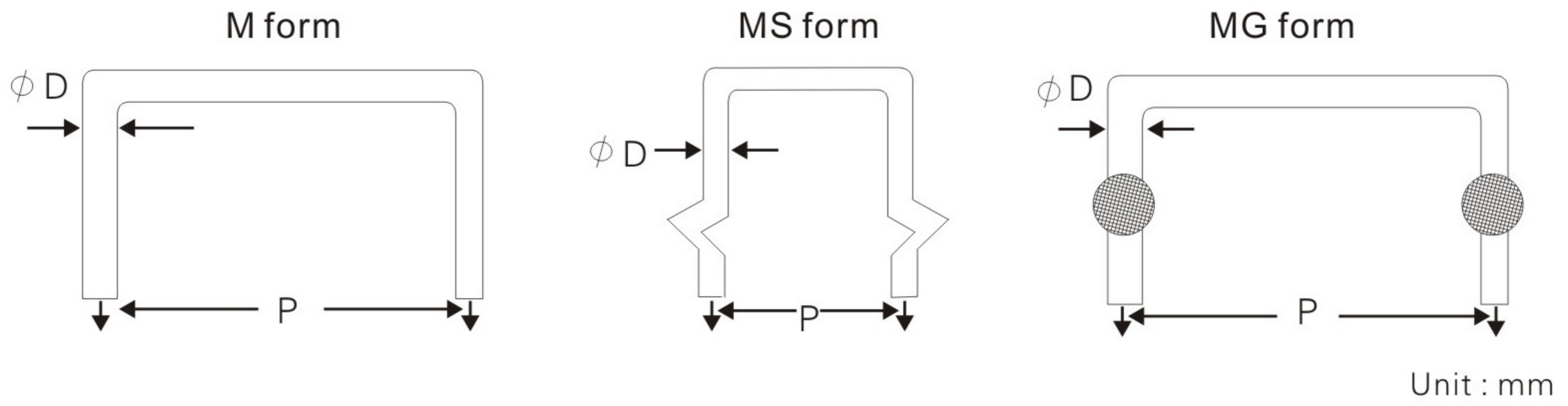
電氣及機械特性 ELECTRICAL AND MECHANICAL PERFORMANCE

特性 Characteristics	規格值 Standards	試驗方法 Test Methods
阻值容許誤差 Resistance Tolerance	$\pm 5\%$ (J) or $\pm 2\%$ (G)	-
溫度系數 Resistance Temp. Coeff.	CNALLOY : $\pm 200\text{ppm}/^\circ\text{C}$ CN30W : $\pm 200\text{ppm}/^\circ\text{C}$ CMW : $\pm 50\text{ppm}/^\circ\text{C}$ CM49W : $\pm 50\text{ppm}/^\circ\text{C}$	-
額定負載 Power Rating Load	Surface temp. 275°C Max. 最高表面溫度 275°C , $\Delta R/R \leq \pm 2\%$	Rated voltage for 30 minutes 額定電壓/30分鐘
短時間過負載 Short Time Overload	$\pm 2\%$	10 times of rated wattage for 5 seconds. 10 倍額定功率/5秒
焊錫性 Solder-ability	Minimum 95% coverage 焊錫面積 $\geq 95\%$	$235 \pm 5^\circ\text{C}$ 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, $\Delta R/R \leq \pm 1\%$	$270 \pm 5^\circ\text{C}$ for 10 ± 1 seconds $350 \pm 10^\circ\text{C}$ for 3.5 ± 0.5 seconds

耐環境特性 ENVIRONMENTAL CHARACTERISTICS

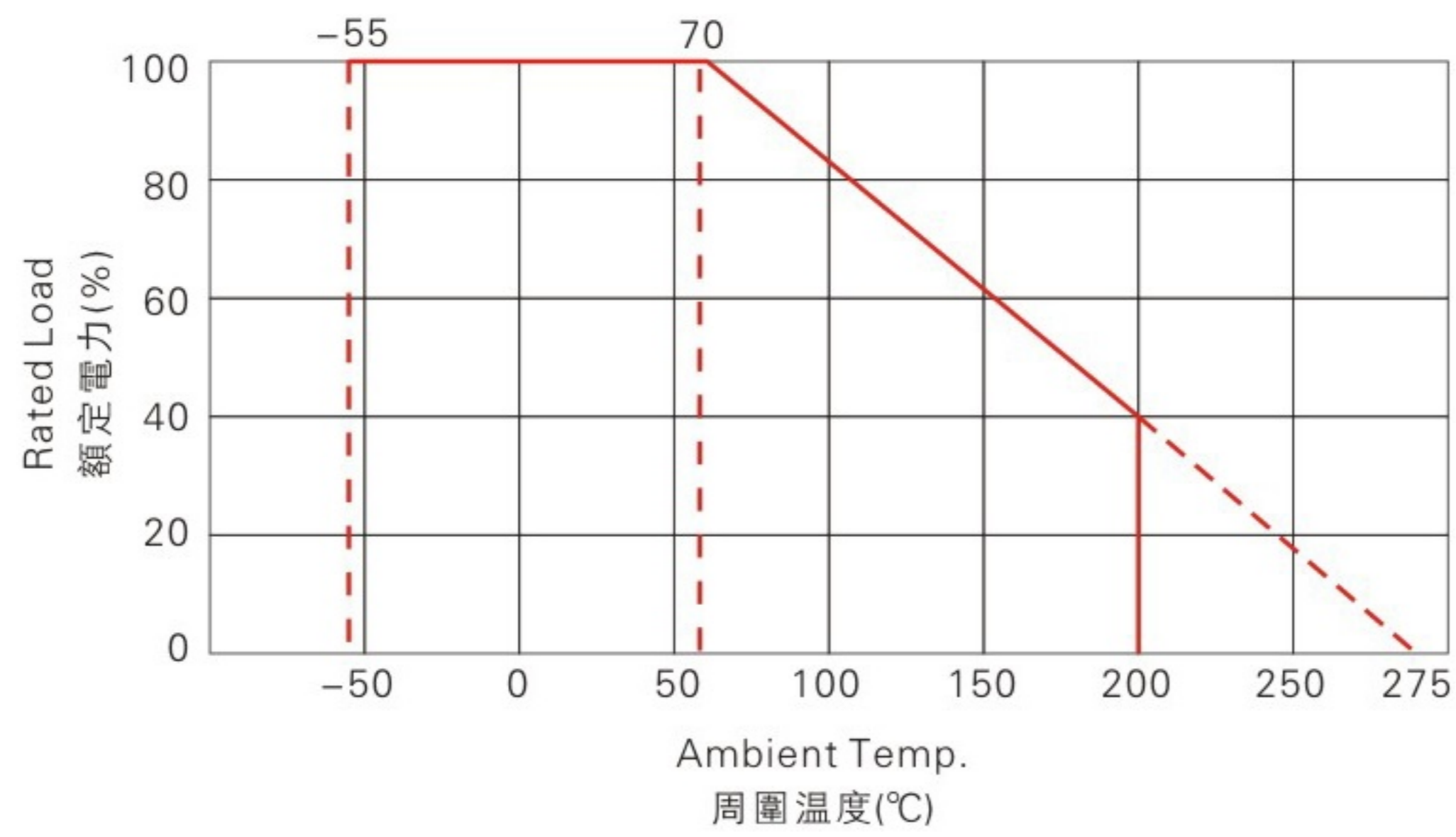
特性 Characteristics	規格值 Standards	試驗方法 Test Methods
溫度週率 Temp. Cycle	$\Delta R/R \leq \pm 1\%$	-55°C (30 min.) \rightarrow Room Temp. (3 min.) $\rightarrow +200^\circ\text{C}$ (30 min.) \rightarrow Room Temp. (3 min.) / (5 cycles)
負載壽命 Load Life	$\Delta R/R \leq \pm 3\%$	Rated power load 90 minutes ON 30 minutes OFF 70°C 1000 hours
耐濕壽命 Moisture-proof Load Life	$\Delta R/R \leq \pm 2\%$	Rated power load 90 minutes ON 30 minutes OFF 40°C 95% RH 250 hours

Forming Type 成型樣式



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

