



特點

- 1.低感性。
- 2.低溫度系數。
- 3.超底電阻值範圍。
- 4.高精度電阻值： ± 1 %、± 2 %、± 5 %。
- 5.適合各種類型的電流感應器之應用。

Features

- 1.Low inductance.
- 2.Low temperature coefficient.
- 3.Very low resistance value.
- 4.Resistance tolerance : ± 1 %、± 2 %、± 5 %
- 5.Suitable for all kinds current sense application.

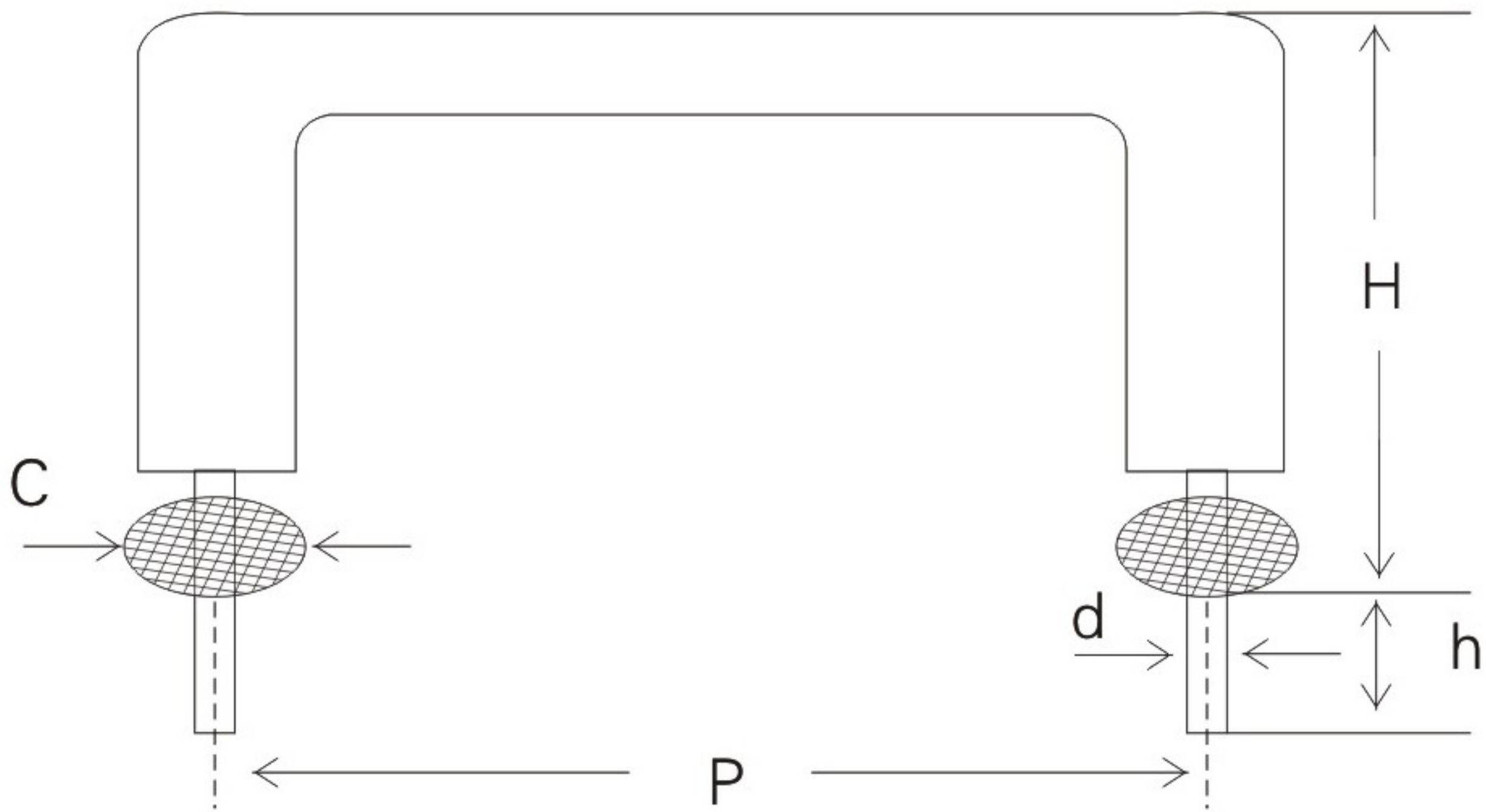
電氣及機械特性 ELECTRICAL AND MECHANICAL PERFORMANCE

特性 Characteristics	規格值 Standards	試驗方法 Test Methods
阻值容許誤差 Resistance Tolerance	± 5 % (J)、± 2 % (G)、± 1 % (F)	-
溫度系數 Resistance Temp. Coeff.	± 100 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, ΔR/R ≤ ± %	Rated voltage for 30 minutes 額定電壓/ 30分鐘
電感量 Inductance	< 10nH	-
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.) → +200°C (30min.) → Room Temp.(3 min.) / (5 cycles)
負載壽命Load Life	ΔR/R ≤ ± 1 %	Rated power load 90 minutes ON 30 minutes OFF 70°C 1000 hours
耐濕壽命Moisture-proof Load Life	ΔR/R ≤ ± 1 %	Rated power load 90 minutes ON 30 minutes OFF 40°C 95% RH 1000 hours

尺寸 Dimensions



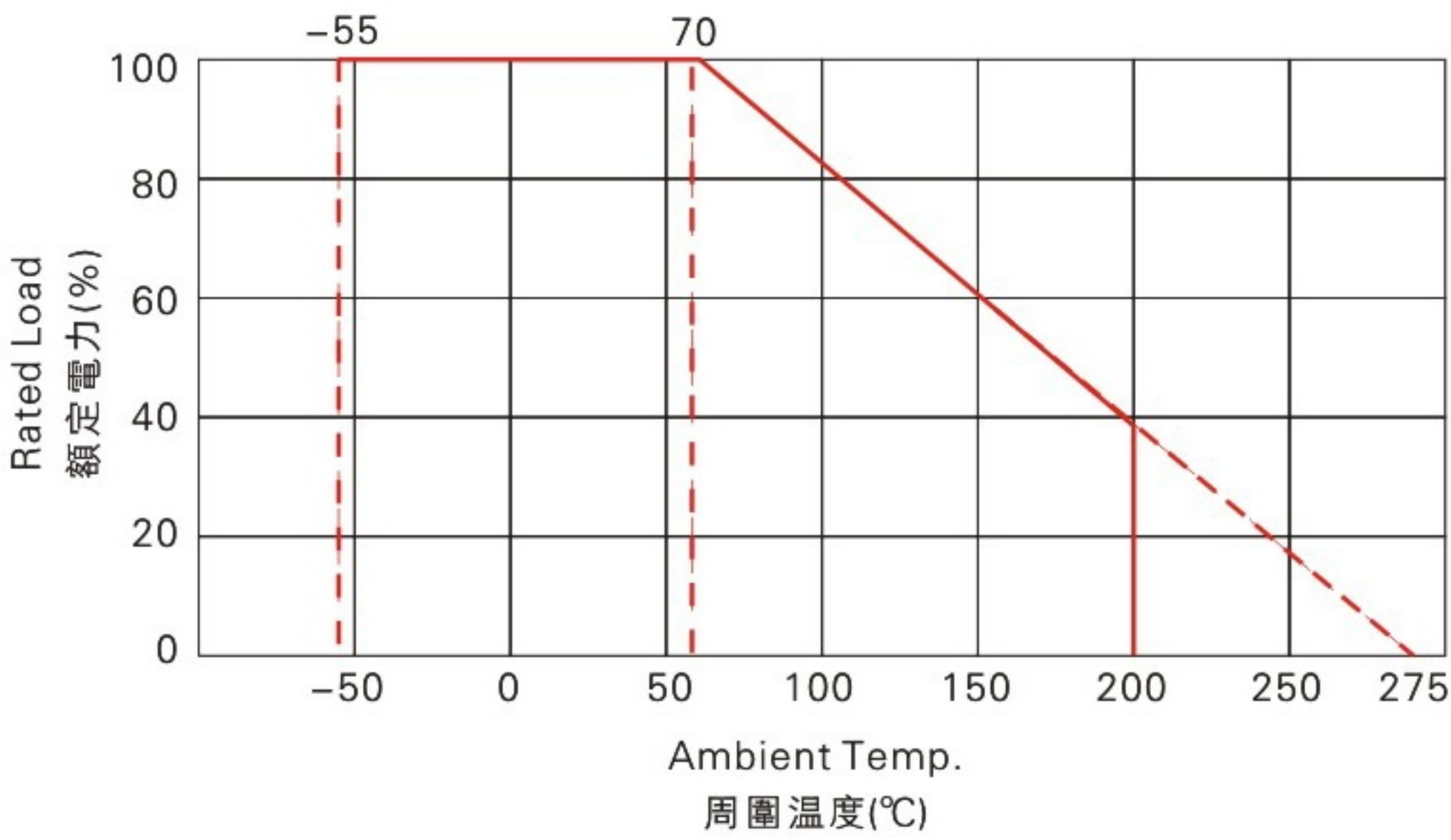
Unit : mm

Rated Wattage	H(max.)	h±0.3	C±0.2	d±0.05	P±0.5	Resistance Range(Ω)
1W	25	3.2	1.6	1	12	5~25
3W	25	3.2	1.6	1	15	5~25
5W	25	3.2	1.6	1	20	10~25

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℃, power rating must be derated in accordance with the curve below.



表面溫度上升曲綫 Surface Temperature Rise

