



### 特點

1. 不燃性樹脂封裝成型，具高耐溫，耐濕及絕緣特性。
2. 特殊設計，專供自動表面黏著作業。
3. 高安定性及高信賴性。
4. 降低裝配費用。

### Features

1. Flameproof UL94V0 molded package, resistant to heat, humidity & insulation.
2. Special design for automatic surface mounting.
3. Excellent mechanical strength & electrical stability.
4. Reducing assembly costs.

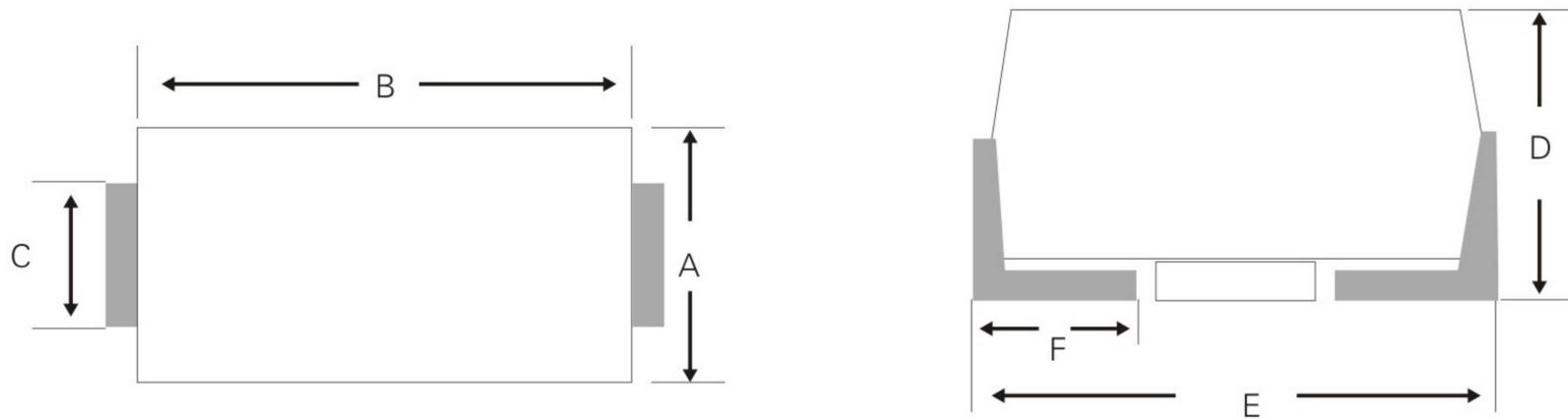
### 電氣及機械特性 ELECTRICAL AND MECHANICAL PERFORMANCE

特性 Characteristics	規格值 Standards	試驗方法 Test Methods
阻值容許誤差 Resistance Tolerance	± 5%(J) or ± 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 ≤ ± 1%	Rated voltage for 30 minutes 額定電壓/30分鐘
短時間過負載 Short Time Overload	± 0.5%	5 times of rated wattage for 5 seconds. 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	AC 500V for 1 minutes 施加 AC 500V 電壓 1 分鐘
絕緣電阻 Insulation Resistance	10,000MΩ	DC 500V megger
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

### 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(30 min.) → 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 500 hours

尺寸 Dimensions



Unit:mm

Rated Wattage	A±0.3	B±0.3	C±0.3	D±0.3	E Max.	F±0.3	Resistance Range(Ω)	MAX.Working Voltage
2W	4.0	6.7	1.4	3.55	7.9	1.5	10~2M	300V
3W	5.5	10.5	1.7	5.0	12	2.3	10~2M	500V
5W	7.3	13.5	1.7	6.8	17	2.5	10~2M	500V

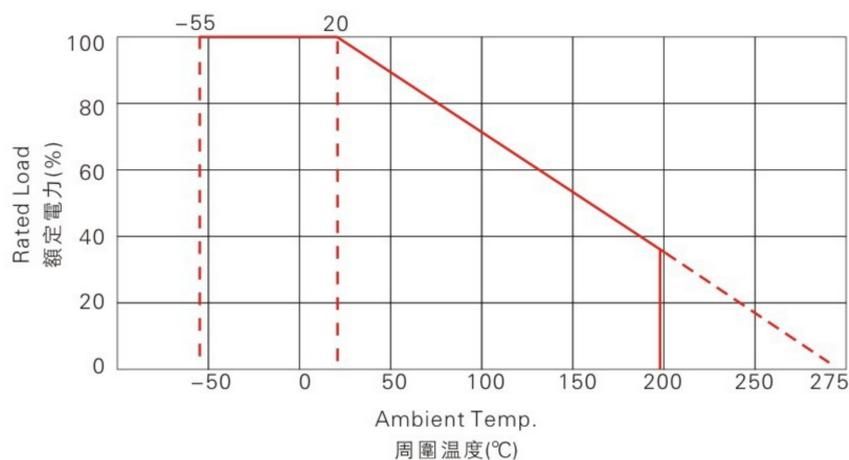
Note: 1. Max. Overload Voltage is 2 times of Max. Working Voltage  
2. Too low or too high ohmic values can be supplied only case by case.

Rate Continuous Working Voltage (RCWV) shall be determined

$\sqrt{\text{Rated Power} \times \text{Resistance Value}}$  or Max. Working Voltage listed above, whichever less.

電力輕減曲線 Derating Curve

For resistors operated in ambient temperatures above 20°C, power rating must be derated in accordance with the curve below.



表面溫度上升曲線 Surface Temperature Rise

