



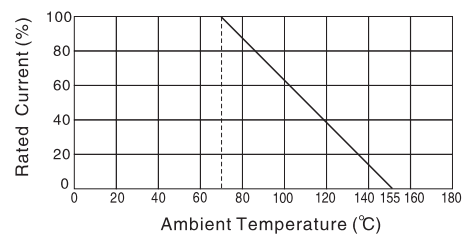
## ■ 特性 Feature

- 可用於自動表面貼裝(SMD)裝配系統，適用於波峰焊、迴流焊進行自動焊接  
Suitable for automatic SMT assembly system (SMD), suitable for wave soldering, reflow automatic welding
- 高級薄膜技術，無鉛型高壓電阻  
Advanced film technology, lead-free type high pressure resistance
- 精度高、溫度係數小、可靠性好  
High precision, small temperature coefficient, good reliability
- 最高可以承受10KV脈衝電壓  
High pulse loading (up to 10 kV) capability

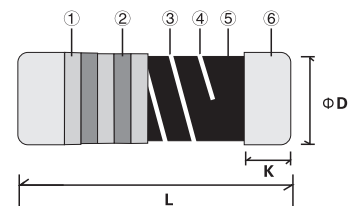
## ■ 應用範圍 Applications

- 耐脈衝等性能可以媲美厚膜金屬玻璃釉電阻，優勢是無鉛、價格低，適用於啟動電阻和脈衝電路  
Resistant performance can be comparable with pulse thick metal glass glaze resistors, can achieve lead-free and can reduce the cost, is suitable for the start-up circuit and a pulse circuit
- 各類電源、電磁爐、工業設備  
Power supply, electromagnetic oven, industrial equipment
- 通訊器材、醫療設備  
The communications equipment, medical equipment
- 汽車電子  
The automotive electronics Industrial products

## ■ 降功率曲線 Derating Curve



## ■ 結構 & 尺寸 Dimension & Construction



Type	L ± 0.5	D ± 0.3	K min	Emboss Plastic Tape(pcs)
0204	3.5	1.4	0.7	3000
0207	5.9	2.2	0.8	2000

## ■ 性能 Specification

Type	Power	Operating Temperature Range	Max Continuous Working Voltage	Max Overload Voltage	Max Pulse voltage	Resistance Range
0204	1/6W、1/4WS	-55~+155°C	800V	1000V	2000V	100KΩ ~6.8MΩ
0207	1/4W、1/2WS	-55~+155°C	1600V	2000V	3000V	100KΩ ~6.8MΩ

## ■ 性能和測試要求 Specification And Test Methods

測試項目 Test Item	基本要求 Requirement	測試方法 Test Method
Temperature Coefficient of Resistance (T.C.R.)	± 200PPM/°C	Referenced to 25°C, ΔR taken at +100°C
Short Time Overload	± (1% +0.05 Ω)	Rated Voltage × 2.5 or Max. Overload voltage for 5 seconds.
Load Life	± (5% +0.05 Ω)	Rated load with 1.5 hours ON, 0.5 hours OFF, at (70 ± 2)°C
Solderability	95% min. coverage	260 ± 5°C for 3 seconds
Pulse Withstanding Voltage	± (20% +0.05 Ω)	50 Discharges form 1nF capacitor charged to pulse voltage. 2.5 Sec.ON, 2.5 Sec OFF, 50 cycles