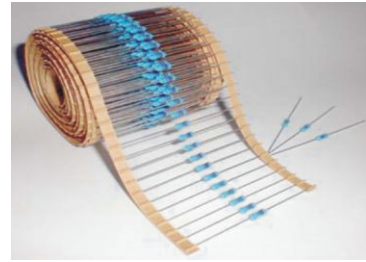


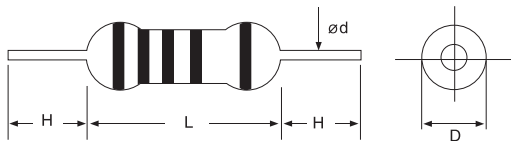


■ 特性 Feature

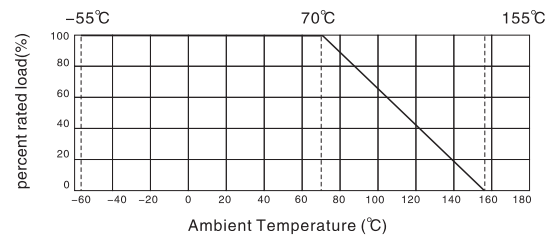
- 噪音低，電壓係數小
Low noise & voltage coefficient
- 精密的誤差從 $\pm 0.1\% \sim \pm 0.5\%$
Very tight tolerance from $\pm 0.1\% \sim \pm 0.5\%$
- 極低的溫度係數 $\pm 5 \sim \pm 50 \text{ PPM}/^\circ\text{C}$
Extremely low TCR from $\pm 5 \sim \pm 50 \text{ PPM}/^\circ\text{C}$



■ 尺寸 Dimension



■ 降功率曲線 Derating Curve



Type		Dimension (mm)				Max. Working Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Resistance Range	Tolerance
Normal Size	Small Size	L ± 0.5	D ± 0.5	H ± 3	$\phi d \pm 0.05$					
1/8W	1/4WS	3.5	1.7	27	0.43	200V	400V	300V	1 Ω ~ 2M Ω	D: $\pm 0.5\%$ C: $\pm 0.25\%$ B: $\pm 0.1\%$
1/4W	1/2WS	6.5	2.4	27	0.48	250V	500V	350V		
1/2W	1WS	9.2	3.3	26	0.55	300V	600V	400V		
1W	2WS	11	4.5	28	0.68	350V	700V	500V		
2W	3WS	15	5.0	34	0.75	500V	1000V	700V		
3W	5WS	18	6.0	33	0.75	500V	1000V	700V		

- ☆ 特殊要求如溫度係數要求、面漆不燃性、色碼耐溶劑清洗，及非標準阻值、非標準精度產品（含超高低阻）可按客戶要求制作。
- ☆ $R \leq 10 \Omega$ 的電阻器最小阻值允許偏差 $\pm 0.1\%$ 若用戶需要 $> 100 \Omega$ 的電阻器阻值允許偏差可以做到 $\pm 0.01\%$ 。

■ 性能和測試要求 Specification And Test Methods

Operating Temperature	$-55^\circ\text{C} \sim +155^\circ\text{C}$
Temperature coefficient	$\pm 50 \text{ PPM}/^\circ\text{C}$ 、 $\pm 25 \text{ PPM}/^\circ\text{C}$ 、 $\pm 15 \text{ PPM}/^\circ\text{C}$ 、 $\pm 5 \text{ PPM}/^\circ\text{C}$ ，Make in accordance with customer's demand
Short-time overload	$\pm (0.1\% + 0.05 \Omega)$ Max.
Insulation resistance	$\geq 1,000$ Mega Ohm
Dielectric withstanding voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown
Terminal bending	$\pm (0.1\% + 0.05 \Omega)$ Max.
Soldering heat	$\pm (0.1\% + 0.05 \Omega)$ Max.
Solderability	Min 95% coverage
Temperature cycling	$\pm (0.1\% + 0.05 \Omega)$ Max.
Humidity (Steady State)	$\pm (0.5\% + 0.1 \Omega)$ Max.
Load life	$\pm (0.5\% + 0.1 \Omega)$ Max.