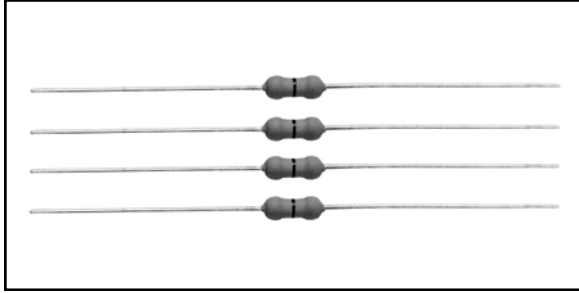
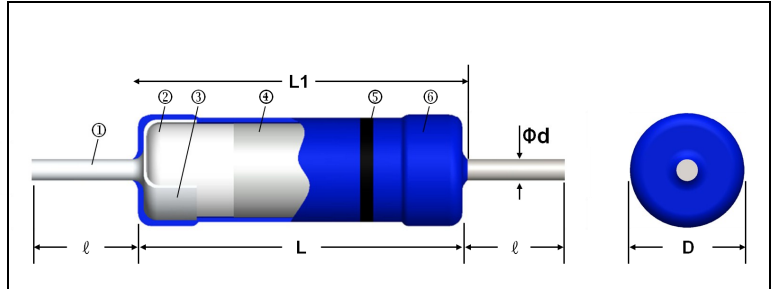


COAT- INSULATED ZERO OHM RESISTOR

- RZU** 塗裝防火型 0Ω電阻器
FIRE PREVENTION COAT ZERO OHM RESISTOR (RZU Type , RZS Type)
- RZY** 絕緣樹脂型 0Ω電阻器
INSULATION RESIN ZERO OHM RESISTOR (RZY Type)
- RZT** 鐵芯型 0Ω電阻器
IRON CORE ZERO OHM RESISTOR (RZT Type)



結構圖 Construction



1	端子線	Lead wire	5	電鍍錫	Tin plating
2	瓷棒	Ceramic base	6	標示	Marking or color code
3	鐵帽	Cap			
4	鐵蕊	Iron core	7	絕緣塗料	Insulation coat

塗料顏色：Coating Color

RZU fire prevention coat (Gray) 、RZS (pink)

RZU 塗裝防火型(灰色) 、RZS (粉紅色)

RZY Insulation resin (Yellowish) 、RZT iron core. (or blue)

RZY 絕緣樹脂(淡黃色) , RZT 鐵芯型(or 藍色)

標示：Marking 色環 Color Code(□S1/2W)

文字 Alphanumeric (1/2W 、1W)

外型尺寸 Dimensions

Rated Power(W)	Dimensions(mm)					Weight(g) (1000pcs)
	L	L1 Max.	D	Ød	ℓ	
1/8,1/6	3.3±0.3	4	1.8±0.3	0.45±0.05	28±2	120
1/4	6.0±0.3	7	2.4±0.1	0.6±0.05	28±2	218
1/2	9±0.5	11.1	3.0±0.5	0.6±0.05	28±3	320
S1	9±0.5	11.1	3.0±0.5	0.6±0.05	28±3	320

特性 Feature

- ◎可自動插件
- ◎ Automatic insertion is applicable.
- ◎長期穩定性佳
- ◎ Excellent long term stability.
- ◎產品符合歐盟 RoHS 要求
- ◎ Products meet EU-RoHS.

料號編碼 Type composition 例 Example

RZ	U	14	X	R000	A520	NH
型名 Type	品名 Size	額定功率 Rated Power	誤差值 Tolerance	電阻值(Ω) Resistance	二次加工 Forming	端子線 Lead Wire
	U: Standard	16:1/6W	無註記	0Ω	See table	熱鍍線
	S: Small	14:1/4W				
		12:1/2W			below	Heat plated
		01:1W				

參考規格 Reference standards

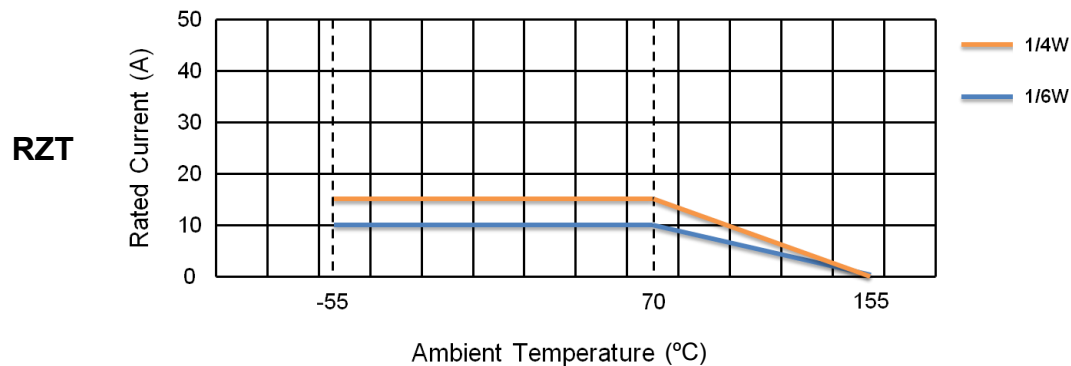
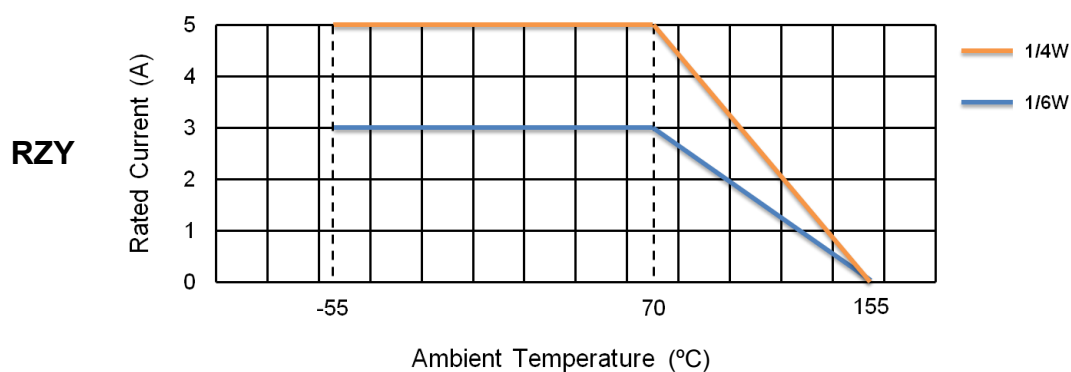
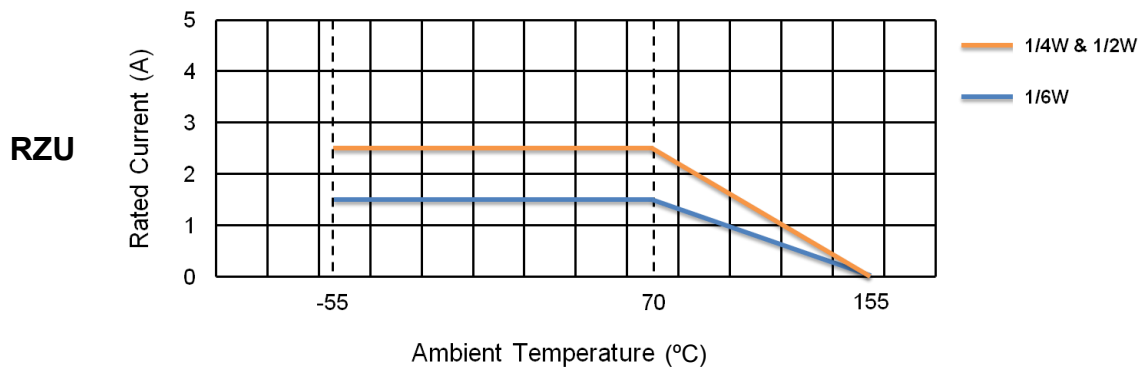
- JIS C 5201-1

額定 Ratings

Rated Power (W)	阻值範圍 Resistance Range (Ω)	最高使用電流 Maxi. Amperage	耐電壓 Dielectric Withstanding Voltage	包裝 Taping/Ammo,Forming/Bulk pack (pcs)	
				A26	A52
RZU1/6	<20mΩ	1.5A	300V	5000	5000
RZU1/4		2.5A			
RZU1/2		2.5A			
RZS1		2.5A			
RZT1/6	<5mΩ	10A	300V	5000	5000
RZT1/4		15A			
RZY1/6	<20mΩ	3A	300V	5000	5000
RZY1/4		5A			

■ 額定溫度下降曲線圖 Derating curve

例 Example



■ 性能 Performance

試驗項目 Test Items	規格值 Performance Requirements	試驗方法 Test Methods
電阻值 Resistance	規定的誤差值內 Within specified tolerance	測量點從端蓋 10mm Measuring points are 10mm from the end cap
焊錫效果 Solder ability	After test, <20mΩ	Temp. of solder 245°C ± 5°C duration of immersion 5 s ± 0.5 s
負荷壽命 Load life	After test, <20mΩ	額定電流 70°C, 1,000 小時 Rated Amperage at 70°C for 1,000 hours
耐濕負荷壽命 Load life in humidity	After test, <20mΩ	10% rate power load 40°C, 95% RH for 1,000 hours; 1.5h ON / 0.5h OFF cycle
溫度循環 Temperature cycle	After test, <20mΩ	5 cycles for -25°C (30min) : room temp. (30min) ~ +85°C (30min) room temp. (30min)
焊錫耐熱 Resistance to soldering heat	After test, <20mΩ	260°C ± 5°C for 10 seconds (焊錫槽) 350°C ± 10°C for 3.5 seconds (手焊錫)