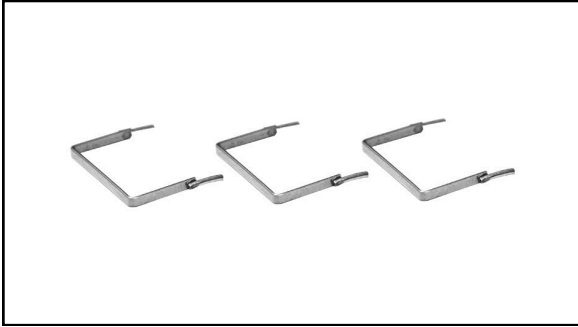


LOW RESISTANCE RESISTOR

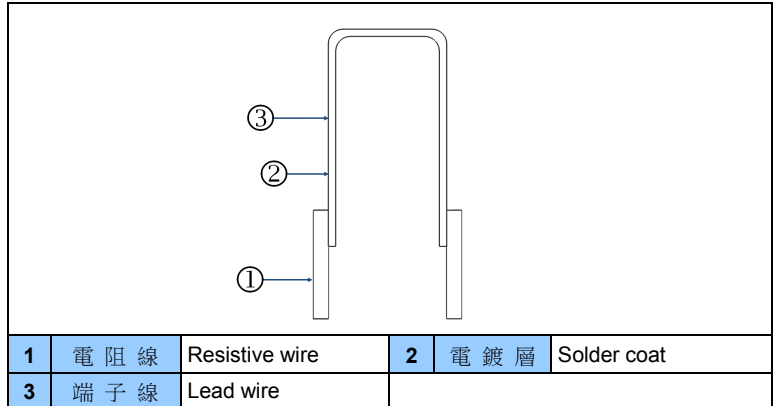
ST

低阻值電阻器
LOW RESISTANCE RESISTOR (ST Type)



本體顏色 : Body color
銀色 : Silver

結構圖 Construction



特性 Feature

- ◎ 尺寸小且重量輕
- ◎ Small size and light weight.
- ◎ 焊錫特性佳
- ◎ Excellent soldering performance.
- ◎ 可依客戶需求製作
- ◎ Can be produced according to customer's request.
- ◎ 產品符合歐盟 RoHS 要求
- ◎ Products meet EU-RoHS.

料號編碼 Type composition 例 Example

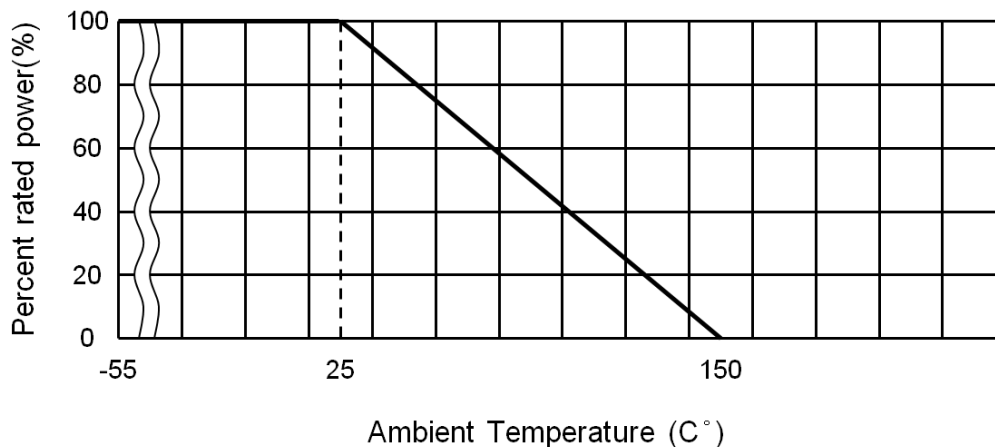
ST	50	J	R010	MG	P10	10
型名 Type	溫度係數 T.C.R	誤差值 Tolerance	電阻值(Ω) Resistance	造型 Forming	端線長 Pitch	線徑 Diameter
	±50ppm/°C	F±1%	1M00=1m	MG		
	±100ppm/°C	H±3%	10M0=10m			
	±200ppm/°C	J±5%	R100=0.1			
	±300ppm/°C					

額定 Ratings

Ød (mm)	最大過電流 Max. Current Rating (A)	阻值範圍 Resistance Range (Ω)	誤差值 Tolerance	溫度係數 T.C.R.	使用溫度範圍 Temperature Range
0.8	6	1mΩ~ 10 mΩ	F±1% H±3% J±5%	± 50ppm/°C ±100ppm/°C ±200ppm/°C ±300ppm/°C	-55°C~150°C
1	8	10mΩ~ 200 mΩ			
1.2	10	100mΩ~ 300 mΩ			

■ 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
溫度係數 T.C.R.	規定值內 Within specified T.C.R.	室溫+100°C Room temperature +100°C
短時間過負荷 Short time overload	±2%	No evidence of mechanical damage and after test impedance change ratio
負荷壽命 Load life	±3%	100% rate power load (90min on and 30min off keep the 1,000 Hrs)
耐濕負荷壽命 Load life in humidity	±2%	10% rate power load 40°C, 95% RH for 1,000 hours; 1.5h ON / 0.5h OFF cycle
焊錫耐熱 Resistance to soldering heat	±1%	260°C ± 5°C for 10 seconds (焊錫槽) 350°C ± 10°C for 3.5 seconds (手焊錫)
可焊性 Solderability	Coverage 95%	Temp. of solder 245°C ± 5°C duration of immersion 5 s ± 0.5 s