



电阻+电位器+旋钮

1206 晶片电阻 (1/4W)

详细产品规格 - 请点击 cn.100y.com.tw

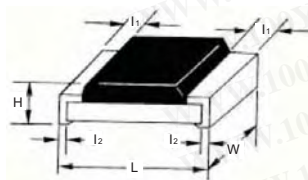
性能说明书

测试	程序	要求	
		Resistor	Jumper
DC 电阻	DC resistance values measured at the test voltages specified below : <10Ω@0.1V, <100Ω@0.3V, <1KΩ@1.0V, <10KΩ@3V, <100KΩ@10V, <1MΩ@25V, <10MΩ@30V	Within the specified tolerance	< 50mΩ
温度系数阻抗 (TCR)	Natural resistance change per change in degree centigrade. $\frac{R_2 - R_1}{R_1 (t_2 - t_1)} \times 10^6$ (ppm/°C) R1 : Resistance at reference temperature R2 : Resistance at test temperature t1 : 25°C	Test temperature -55~+155°C ≥1MΩ, -300~+500ppm/°C ≥10Ω, ±200ppm/°C <10Ω -300~+500ppm/°C	N/a
短时间负荷 (STOL)	Permanent resistance change after a 5second application of a voltage 2.5 times RCWV or the maximum overload voltage specified in the above list, whichever is less.	ΔR/R max. ±(2%+0.10Ω)	<50mΩ
热焊阻抗	Unmounted chips 10±1 seconds, 270±5°C	no visible damage ΔR/R max. ±(1%+0.10Ω)	no visible damage, < 50mΩ
可焊性	Termination SnPb base : Unmounted chips completely immersed for 2±0.5 sec. in a solder bath at 230±5°C Termination Sn base (lead free) : Unmounted chip completely immersed in a lead free solder bath, 245°C±5°C, 3±1 sec	good tinning (>95% covered) no visible damage	
温度周期	1. 30 minutes at -55°C±3°C, 2. 2~3 minutes at room temperature, 3. 30 minutes at +155°C±3°C, 4. 2~3 minutes at room temperature, Total 5 continuous cycles	no visible damage ΔR/R max. ±(1%+0.10Ω)	no visible damage, < 50mΩ
寿命负载 (耐性)	70±2°C, 1000 hours, loaded with RCWV or Vmax, 1.5 hours on and 0.5 hours off	10Ω~1MΩ ±(3%+0.1Ω) <10Ω or ≥1MΩ ±(5%+0.1Ω)	< 50mΩ
耐湿	1000 hours, at rated continuous working voltage in humidity chamber controller at 40°C±2°C and 90~95% relative humidity, 1.5hours on and 0.5 hours off	10Ω~1MΩ ±(3%+0.1Ω) <10Ω or ≥1MΩ ±(5%+0.1Ω)	< 50mΩ
弯曲和端子强度	Resistors mounted on a 90mm glass epoxy resin PCB (FR4); bending : 5 mm, once for 10seconds Pulling test : 500grams	no visible damage ΔR/R max. ±(1%+0.10Ω)	no visible damage, < 50mΩ

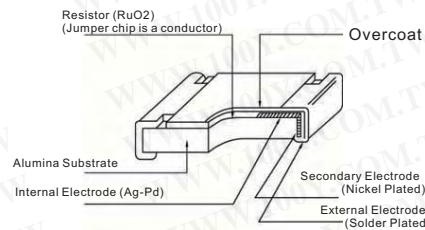
100Y 编号	厂商编号	制造厂商	说明	电阻值(Ω)	误差值(±)	包装单位
22281	WR12X000PT	WALSIN	1206 Chip Resistor	0 ohm	±5%	5000PCS/R

1210晶片电阻 (1/3W)

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- 特点:
- 超薄超轻
 - 高可靠多层电极外壳
 - 与所有焊接过程兼容
 - 在自动安置表面装配应用稳定度高
 - 阻挡层终止
 - 零欧姆跳跃适用
 - 适用于 8mm管 & Reel per EIA Rs481



DIMENSIONS

STYLE	L	W	H	l1	l2
RC1210	3.10±0.10	2.60±0.15	0.50±0.10	0.45±0.15	0.50±0.20

Unit : mm

环境特征

性能测试	测试方式		1% TOL.	5% TOL.
温度系数	MIL-STD-202F, Method 304	LCT to UCT	by Type	
端子冲击	MIL-STD-202F, Method 107G	25 Cycles, -65°C to +125°C (Step by Step 2 min.)	±(0.5%+0.05Ω)	±(1%+0.05Ω)
低温操作	MIL-R-55342D, Para.4.7.4	One Hour at -65°C Followed by 45 Minutes RCWV	±(0.5%+0.05Ω)	±(1%+0.05Ω)
短时间负荷	MIL-R-55342D, Para.4.7.5	2.5 Times RCWV for 5 Seconds	±(1%+0.05Ω)	±(2%+0.05Ω)
绝缘电阻	JIS-C-5202, 5.6	RCOV for 1 Minute	>10GΩ	
电介质耐压	JIS-C-5202, 5.7	R.M.S. for 1 Minute	by Type	
热焊阻抗	MIL-STD-202F, Method 210C	Soldered to Test Board at 260°C for 10 Seconds	±(0.5%+0.05Ω)	±(1%+0.05Ω)
耐湿	MIL-STD-202F, Method 106F	42 Cycles, Total 1000 Hours	±(0.5%+0.05Ω)	±(2%+0.05Ω)
寿命	MIL-STD-202F, Method 108A	1000 Hours at 70°C RCWV Intermittent	±(1%+0.05Ω)	±(3%+0.05Ω)
可焊性	JIS-C-5202, 6.11	230°C for 5 Seconds	>95% Coverage	
弯曲强度	JIS-C-5202, 6.1.4	Unit Mounted in Center of 90mm Board Length, Deflected 5mm (power chip 2mm) in Either Direction for 5 Seconds	±(1%+0.05Ω)	±(1%+0.05Ω)



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