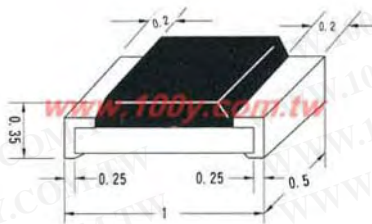


0402晶片电阻 (1/16W)

详细产品规格 - 请点击 cn.100y.com.tw

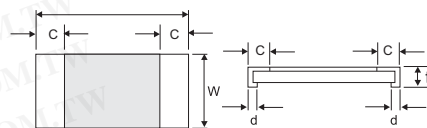


特点:

- 电阻层覆以防护涂层保证机械和环境完整
- 优秀机械容量和电子稳定取决于特殊电极外壳。
- 无故障安置由于准确和均衡实体尺寸。
- 低TCR应用: 100ppm, 50ppm, 25ppm.

介绍

CHIP 电阻器包括被放置的电阻贴在瓷体和二电阻器包装末端波动。



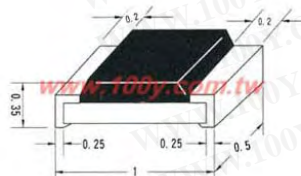
| TYPE | L | W | t | C | d |
|------|----------|-----------|-----------|-----------|-----------|
| 0402 | 1.0±0.10 | 0.50±0.05 | 0.35±0.05 | 0.20±0.10 | 0.20±0.10 |



CHARACTERISTICS

| 测试 | 限定 | 测试方法 | |
|---------|---|-------------------|-----------|
| | | JIS C 5202 | EIAJ 2690 |
| 端子强度 | ±(1%+0.05Ω) over 1Kg/mm ² | — | 6.5 |
| 热焊接阻抗 | ±(1%+0.05Ω) | 6.4 270°C/10 sec. | — |
| 短时间负荷 | ±(1%+0.05Ω) | 5.5A | — |
| 断续超载 | ±(2%+0.05Ω) | 5.8 | — |
| 温度周期 | ±(2%+0.2Ω) | — | 6.8 |
| 耐负荷 | ±(3%+0.1Ω) | 7.10 1,000Hr | — |
| 耐湿 | ±(2%+0.05Ω) | 7.9 1,000Hr | — |
| 电极可焊性 | >95% coverage | 6.5 230°C/5 sec. | — |
| 绝缘电阻 | 10M Ω MIN. | — | — |
| 电介质承受电压 | 500V. /minute | — | — |
| 振动 | ±1% | — | — |

| 100Y 编号 | 厂商编号 | 制造厂商 | 说明 | 电阻值(Ω) | 误差值(±) | 包装单位 |
|---------|---------------|--------|--------|--------|--------|-------------|
| 16122 | 0402-24.9Ω±1% | SYNTON | SMD 电阻 | 24.9Ω | ±1% | 10,000pcs/R |



特点:

芯片电阻器是金属给上釉的浓厚涂膜在高纯度陶瓷基体和由防护玻璃贴, 它提供同样性质和稳定特性。最新自动化系统加上高技术使我们能对tum 在合格品之外以次要价格。

- 高可靠性和稳定
- 降低组装成本
- 简化最后设备尺寸
- 更高的组分和设备可靠性

描述和实体尺寸

电阻器列阵放在高级陶瓷身体(氧化铝)。内部金属电极增加在各个末端,应用基体的顶面电阻贴连接。调整贴成分近似电阻需求,且平衡内部耐性通过电阻层激光切口。电阻层涂有防护层。二个外末端增加。为焊接容易,外层末端是导线或锡合金。

| 测试项目 | 描述 | 测试方法 |
|-----------------|---|---|
| 抵抗温度系数 | Temp:-55°C~±125°C Requirement: 5%1Ω~10Ω ±400PPM/°C 11Ω~≤200PPM/°C 1%10Ω~1mΩ±100ppm/°C | JIS C 5202.....clause 5.2 Natural resistance change per temperature degree centigrade. R2-R1 *10 ⁵ (PPM/°C) R1(t2-t1) |
| 短时间负荷 | (WV)=√WR On5secs Requirement:(2.0%±0.1Ω) | JIS C 5202.....clause 5.5 Permanent resistance change after the application of a potential of 2.5 time RCWV. Or the max. Over load voltage respectively specified in the above list, whichever less for 5 secs |
| 力量弯曲 | Y/X=5/ FOR 10secs Requirement: (1.0%±0.05Ω) | JIS C 5202.....clause Bending Test : y/x=/ 1 time |
| 热焊阻抗 | Test Temp: 260°C±5 °C For 10secs Requirement: (1.0%±0.05Ω)Max | JIS C 5202.....clause 6.4 Test temperature : 260±5°C Dip time : 10 secs |
| 温度周期 | -55°C(30mins)→+25°C(10~15mins) +125°C(30mins)→+25°C(10~15mins)5cycles Requirement:±(1.0%±0.05Ω)Max | JIS C 5202.....clause 7.4 Resistance change after continuous five cycles for duty cycle specified below |
| 湿度(stead state) | Temp:40°C±2°C R.H:90~95% Continuors 1000hrs Requirement:±(3.0%±0.1Ω)Max | JIS C 5202.....clause 7.5 Temporary resistance change after 1000hours exercise in a humidity test chamber controlled at 40±2°C and 90% to 95% relative humidity. |
| 耐久性(耐湿负荷) | Temp: 40°C±2°C R.H:90~95%(WV) =√WR on-1.5hrs OFF+0.5hrsContinuors 1000hrs Requirement:±(3.0%±0.1Ω)Max | JIS C 5202.....clause 7.9 Resistance change after 1000hours (1.5h "on"0.5h"off")at RCWV or max. less in a humidity chamber controlled at 40±2°C and 90%to95% relative humidity. |
| 耐久性 | Temp: 70°C±2°C (WV) = √WR Continuors 1000hrs ON-1.5hrs OFF-0.5hr Requirement:±(3.0%±0.1Ω)Max | JIS C 5202.....clause 7.10 Resistance change after 1000hours operating at RCWV or msx. RCWV, which less with duty cycle of 1.5h "on"at 70±2°C ambient |



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