

# 电阻+电位器+旋钮

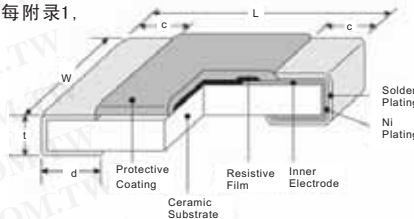
## 0402 片电阻 (1/16W)

详细产品规格 - 请点击 [cn.100y.com.tw](http://cn.100y.com.tw)



- 镀银
- 无浸锡障碍终止
- Meets or exceeds EIA 575, EIAJ RC 2690A, EIA PDP-100, MIL-R-55342F
- 标号: 白色 "000" 在黑防护外套1H和1E尺寸是绿色无标号1J 有白色 "0" 标号
- 产品以无铅终止符合ROHS要求, 铅位于玻璃材料、电极和电阻器元素是豁免每附录1, 豁免5 欧共体方针 2005/95/EC

直径和外壳



应用和规定值

Type (Inch Size Code)	Dimensions inches (mm)				
	L	W	C	d	t
1E (0402)	.039 <sup>+0.004</sup> <sub>-.002</sub> (1.0 <sup>+0.1</sup> <sub>-0.05</sub> )	.02±.002 (0.5±0.05)	.008±.004 (0.2±0.1)	.01 <sup>+0.002</sup> <sub>-.004</sub> (0.25 <sup>+0.05</sup> <sub>-0.1</sub> )	.014±.002 (0.35±0.05)

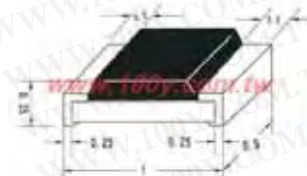
部份指定*	容量范围 @ 70°C	最大浪涌电流 @ 70°C	最大电阻	操作温度范围
RK73Z1E RK73Z1J	1.0 Amps	2 Amp Max. for < 1 second	50mΩ	-55°C to +155°C

100Y 编号	厂商编号	说明	电阻值(Ω)	包装单位
41573	RK73Z1ETTP	0 欧姆晶片电阻	50mΩ	2mm pitch punched paper

**特点:**

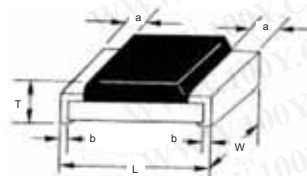
芯片电阻器是金属给上釉的浓厚涂膜在高纯度陶瓷基体和由防护玻璃贴, 它提供同样性质和稳定特性。最新自动化系统加上高技术使能我们对t<sub>um</sub> 在合格品之外以次要价格。

- 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。



STYLE	DIMENSIONS: (mm)				
	L	W	a	b	T
0402	1.00±0.10	0.50±0.05	0.20±0.10	0.25±0.10	0.35±0.05

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 <sup>6</sup> (PPM/°C) R1 (t2-t1)
		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
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
		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.
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+0.5hrs.Continuors 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.
		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
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

100Y 编号	厂商编号	制造厂商	说明	电阻值(Ω)	误差值(±)	包装单位
21114	RP040E00JR	LIKET	SMD 电阻	0Ω	±5%	10,000pcs/R



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