

# Chip Resistor Array - Convex Terminal

## 晶片排列电阻器-凸式电极(RA)

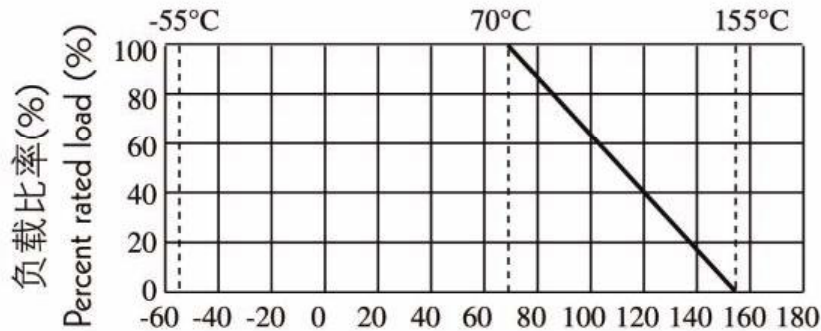
1.Features:	特性:
1) High density, more than 1 resistors in one small case	1) 高度密集, 多个电阻在一个表贴封装中;
2) Improvement of placement efficiency	2) 装配效率高;
3) Tape/Reel packaging is suitable for automatic placement machine	3) 编带卷装适合自动化机器;
4) Superior solderability	4) 优越焊锡性;

2.Application:	应用:
Master board, CD & DVD Rom, Hard Disk, RAM	主板, CD和DVD光盘, 硬盘, RAM;

### 3.Dimension (mm) & Conformation / 尺寸(mm)与结构

	RA022A	RA024A	RA034A
Dimension 规格 (mm)			
Equivalent Circuit Diagram 等效 电路图	<p>R1=R2</p>	<p>R1=R2=R3=R4</p>	<p>R1=R2=R3=R4</p>

### 4.Derating Curve / 降功率曲线



### 5.Specification / 性能

Type	Working Voltage	Overload Voltage	Dielectric withstanding Voltage	Operating Temperature	Power Rating at 70°C	Resistance Range
	Max.(V)	Max.(V)	(V)	(°C)	(W)	0.25% & 0.5% & 1%
RA022A	50	100	100	-55~+155	1/16W	5%:10Ω~1MΩ 1%:10Ω~1MΩ
RA024A	50	100	100	-55~+155	1/16W	5%:10Ω~1MΩ 1%:10Ω~1MΩ
RA034A	50	100	300	-55~+155	1/16W	5%:1Ω~1MΩ 1%:1Ω~1MΩ

### 6.Performance Specifications / 性能参数

Short-time overload 短时间过负荷	$\pm(2.0\%+0.1\Omega)$ Max(最大)
Dielectric withstanding voltage 绝缘耐压	No evidence of flashover, mechanical damage, arcing or insulation breakdown 无击穿, 飞弧及可见机械性损伤
Terminal bending 端子弯曲	$\pm(1.0\%+0.05\Omega)$ Max(最大)
Soldering heat 耐焊接热	$\Delta R/R \leq \pm(1.0\% \pm 0.05\Omega)$
Solderability 可焊性	Min. 95% Coverage (最少95%覆盖率)
Temperature cycling 温度循环	$\Delta R/R \leq \pm(1.0\% \pm 0.05\Omega)$
Load lie in humidity 湿度寿命	$\pm(3.0\% \pm 0.1\Omega)$ Max(最大)
Load life 负载寿命	$\pm(3.0\% \pm 0.1\Omega)$ Max(最大)

### 7.Ordering Procedure / 订购方式

RA	022A	L	103	J	T
Product Type (产品类型)	Resistor Size (体积大小)	Temperature coefficient (温度系数)	Resistance Value (阻值)	Tolerance (公差)	Packing Type (包装类型)
Chip Resistor Array - Convex Terminal (晶片排列电阻器-凸 式电极)	022A 024A 034A	0.1Ω~0.99Ω: $\leq \pm 800\text{PPM}^\circ\text{C}$ 1Ω~10Ω: $\leq \pm 400\text{PPM}^\circ\text{C}$ 11Ω~100Ω: $\leq \pm 200\text{PPM}^\circ\text{C}$ >100Ω: $\leq \pm 100\text{PPM}^\circ\text{C}$ (0201>100Ω: $\leq \pm 200\text{PPM}^\circ\text{C}$ )	103=10KΩ 1003=100KΩ 1R0=1Ω	F = $\pm 1\%$ J = $\pm 5\%$	T = T/R (编带/卷带) B = Bulk in Poly bag (散装/袋装) C = Bulk in cassette (散装/盒装)