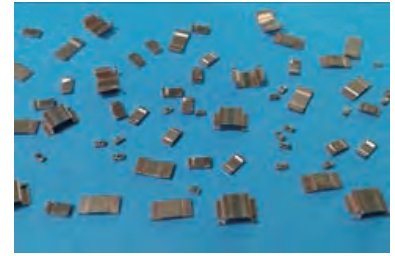


### Feature (特性)

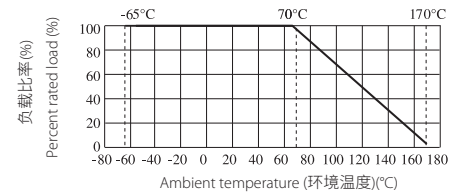
- Electron beam welding structure, stable performance 电子束焊结构, 性能稳定
- RoHS complaint 符合欧盟 ROHS 标准
- Very low resistance 极低电阻值

### Application (应用)

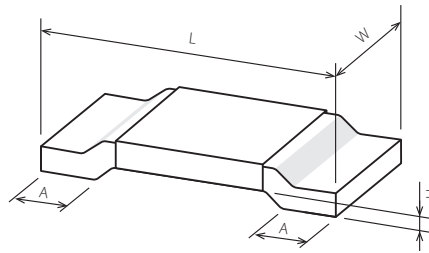
- Used in Motor Control, EPS, DC/DC converter, Front Blower, Air Conditioner  
用于 电机控制, 蓄电池, 直流/直流转换器, =电子控制器, 冷气机
- Current module, electric welding machine, electric tool industry applications  
电流模块, 电焊机, 电动工具领域应用
- There are two side and four end structures  
有二端及四端引线结构



### Derating Curve (降功率曲线)



### Dimension (尺寸) mm



RA12、RA20、RA30

Type 类型	Size 规格	Power Rating 额定功率	Resistance Range 阻值范围 ±1%, ±5%	T.C.R. 温度系数	Dimension (尺寸) (mm)			
					L	W	H	A
RA12	2512	6W	0.2mΩ	±175	6.30±0.20	3.1±0.30	0.50±0.10	1.20±0.20
		6W	0.3mΩ	±175				
		6W	0.5mΩ	±115				
		5W	1mΩ	±100				
		6W	1.2mΩ	±70				
		5W	1.5mΩ	±70				
		5W	2mΩ	±70				
		4W	2.5mΩ	±70				
		4W	3mΩ	±70				
		3W	4mΩ	±70				
RA20	3920	3W	5mΩ	±70	10.00±0.20	5.10±0.40	0.50±0.10	2.2±0.20
		12W	0.2mΩ	±200				
		10W	0.3mΩ	±150				
		9W	0.4mΩ	±100				
		9W	0.5mΩ	±70				
		8W	0.7mΩ	±70				
		7W	1mΩ	±50				
		8W	1mΩ	±50				
		6W	1.5mΩ	±50				
		6W	2mΩ	±50				
RA30	5930	5W	2.5mΩ	±50	15.00±0.30	7.60±0.40	0.50±0.10	4.20±0.30
		5W	3mΩ	±50				
		5W	4mΩ	±50				
		4W	5mΩ	±50				
		15W	0.1mΩ	±200				
		15W	0.2mΩ	±100				
		10W	0.3±0.003mΩ	±100				
		10W	0.5mΩ	±75				
		10W	0.75mΩ	±75				
		9W	1mΩ	±50				
8W	1.5mΩ	±50						
7W	2mΩ	±50						
7W	2.5mΩ	±50						
7W	2.5mΩ	±50						

\*其他规格和阻值可特别提供

\* Special size offered.

### Performance Specifications (性能)

<b>Short-time Overload</b>	短时间过负荷	1%: $\pm(1\%+0.0005 \Omega)$ 5%: $\pm(2\%+0.0005 \Omega)$
<b>Solderability</b>	可焊性	Coverage must be over 95%
<b>Rapid change of temperature</b>	温度快速变化	$\pm(1.0\%+0.0005 \Omega)$
<b>Low Temperature Storage</b>	低温放置	$\pm(1\%+0.0005 \Omega)$
<b>High Temperature Exposure</b>	高温放置	$\pm(1\%+0.0005 \Omega)$
<b>Soldering heat</b>	耐焊接热	$\pm(1.0\%+0.0005 \Omega)$
<b>Load life in humidity</b>	湿度寿命	1%: $\pm(1\%+0.0005 \Omega)$ 5%: $\pm(3\%+0.0005 \Omega)$
<b>Load life</b>	负载寿命	1%: $\pm(1\%+0.0005 \Omega)$ 5%: $\pm(3\%+0.0005 \Omega)$

### Ordering Procedure (Example: RA20 5W 1% 3m $\Omega$ T/R-2500)

订购方式 (例如: RA20 5W 1% 3m $\Omega$  T/R-2500)

