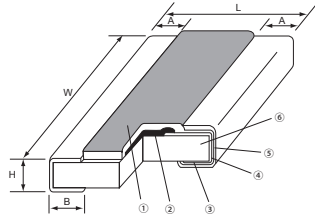


Feature (特性)

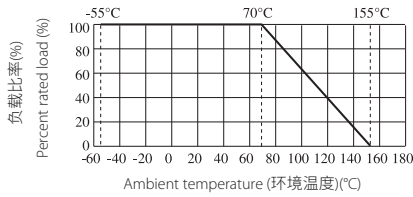
- High power & Wide terminal 高功率, 宽电极
- Suitable for both wave & re-flow soldering 适合波峰焊及回流焊
- Application: AV adapters, LCD back-light, camera strobe etc. 适用于AV适配器, LCD背光电路, 照相机阀门等
- AEC-Q200 Qualified

Figures (型状)



1. Protective layer (保护层)
2. Resistive element (阻抗元素)
3. Termination (Inner) Ni / Cr [端面(内)镍/铬层]
4. Termination (Between) Ni [端面(中)镍层]
5. Termination (Outer) Sn [端面(外)锡层(无铅)]
6. High purity Alumina substrate (高纯度氧化铝基板)

Derating Curve & Specification (降功率曲线及性能)



Type 类型	L (mm)	W(mm)	H(mm)	A(mm)	B(mm)
WR08(0508)	1.20±0.10	2.0±0.10	0.55±0.10	0.20±0.10	0.30±0.20
WR12(0612)	1.60±0.15	3.20±0.15	0.55±0.10	0.30±0.20	0.45±0.20
WR20(1020)	2.50±0.15	5.00±0.15	0.55±0.10	0.40±0.20	0.60±0.20
WR18(1218)	3.10±0.10	4.60±0.15	0.55±0.10	0.45±0.20	0.40±0.20
WR25(1225)	3.10±0.15	6.25±0.15	0.55±0.10	0.45±0.20	0.65±0.20

Type 类型	Size 尺寸	Power Rating 额定功率	Resistance Range 阻值范围		Max. Working Voltage 最大工作电压 / 电流	Max. Overload Voltage 最大过负荷电压 / 电流	Dielectric Withstanding Voltage 绝缘耐压	Operating Temperature 工作温度范围	T.C.R 温度系数 PPM/°C
			1%	5%					
WR08	0508 (1220)	1/3W	10R≤R≤1M		150V	300V			10Ω: ±400 10Ω<R≤100Ω: ±200 >100Ω: ±100
		2/3W	10mΩ≤R<10R		/	/			10mΩ≤R<30mΩ: 0~+400 30mΩ≤R<10Ω: 0~+150
		/	Jumper<50mΩ		4A	8A			/
WR12	0612 (1632)	1/2W	1KΩ<R≤1M		200V	400V			10Ω<R≤100Ω: ±200 >100Ω: ±100
		1W	10mΩ≤R≤1KΩ		/	/			10mΩ≤R<100mΩ: 0~+200 100mΩ≤R≤10Ω: 0~+150
		/	Jumper<50mΩ		5A	10A			/
WR20	1020 (2550)	1W	10Ω~1M	1Ω~1M	200V	400V	500V	-55°C ~155°C	1Ω<R≤10Ω: ±400 10Ω<R≤100Ω: ±200 >100Ω: ±100
		/	10mΩ~1Ω		/	/			10mΩ≤R<30mΩ: 0~+200 30mΩ≤R≤1Ω: 0~+100
		/	Jumper<50mΩ		6A	12A			/
WR18	1218 (3245)	1W	10mΩ~1M		200V	400V			10mΩ≤R<30mΩ: 0~+200 30mΩ≤R≤1Ω: 0~+100 1Ω<R≤10Ω: ±400 10Ω<R≤100Ω: ±200 >100Ω: ±100
		/	Jumper<50mΩ		6A	10A			/
WR25	1225 (3264)	2W	1Ω<R≤1M		200V	400V			1Ω<R≤10Ω: ±400 10Ω<R≤100Ω: ±200 >100Ω: ±100
		3W	10mΩ≤R≤1Ω		/	/			10mΩ≤R<30mΩ: 0~+200 30mΩ≤R≤1Ω: 0~+100
		/	Jumper<50mΩ		6A	15A			/

Performance Specification (性能)

Short-time overload	短时间过负荷	±5%: $\pm(2.0\% \pm 0.005\Omega)$ ±1%: $\pm(1.0\% \pm 0.005\Omega)$
Dielectric withstanding voltage	绝缘耐压	No evidence of flashover mechanical damage, arcing or insulation break down. 无击穿, 飞弧及可见机械性损伤
Terminal bending	端子弯曲	$\pm (1.0\% \pm 0.005\Omega)$
Soldering heat	耐焊接热	$\pm(1.0\% \pm 0.005\Omega)$
Solderability	可焊性	Coverage must be over 95%.
Rapid change of temperature	温度快速变化	±5%: $\pm(1.0\% \pm 0.005\Omega)$ ±1%: $\pm(0.5\% \pm 0.005\Omega)$
Load life in humidity	湿度寿命	±5%: $\pm(3.0\% \pm 0.005\Omega)$ ±1%: $\pm(1.0\% \pm 0.005\Omega)$
Load life	负载寿命	±5%: $\pm(3.0\% \pm 0.005\Omega)$ ±1%: $\pm(1.0\% \pm 0.005\Omega)$

Ordering Procedure (Example: Wide Terminal WR18 1W 5% 120KΩ T/R-4000)

订购方式 (例如: 宽电极WR18 1W 5% 120KΩ T/R-4000)

