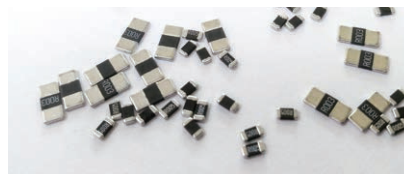
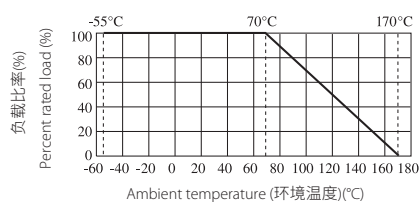


Feature (特性)

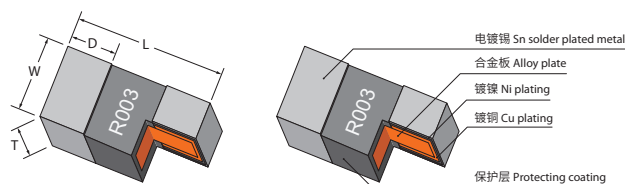
- High power rating up to 5 watts 高功率可达 5W
- Low T.C.R until $\pm 50\text{PPM}$ 较低的温度系数 $\pm 50\text{PPM}$
- Low resistance values, from $0.5\text{m}\Omega$ to $500\text{m}\Omega$ 阻值低 $0.5\text{m}\Omega \sim 500\text{m}\Omega$
- Low inductance 低电感
- Tolerance: $\pm 1\%$, $\pm 2\%$, $\pm 5\%$ 精度: $\pm 1\%$, $\pm 2\%$, $\pm 5\%$
- RoHS complaint 符合欧盟 ROHS 标准



Derating Curve (降功率曲线)



Figures (型状)



Type 类型	Size 尺寸	Power Rating 额定功率	T.C.R PPM/ °C	Resistance Range(mΩ) 阻值范围	Dimension(mm) 尺寸				Soldering 焊接
					L	W	T	D	
LRP5	0805	1/2W	± 100	0.5~1	2.00 $\pm$ 0.25	1.30 $\pm$ 0.30			
			± 75	1.5~2					
			± 50	2.5~15					
			± 100	0.5~1					
LR05	1206	1W	± 75	1.5~2	3.20 $\pm$ 0.25	1.65 $\pm$ 0.25	Depends on value 由阻值决定	Depends on value 由阻值决定	Wave or IR reflow 波峰焊或 回流焊
			± 50	2.5~15					
			± 50	1~50					
			± 50	1~10					
LR06	2512	2W	± 75	0.5~0.75	6.35 $\pm$ 0.25	3.18 $\pm$ 0.25			
			± 50	1~450					
			± 75	0.5~0.75					
			± 50	1~100					
LR12	2725	4W	± 75	0.25~0.3	6.80 $\pm$ 0.25	6.35 $\pm$ 0.25			
			± 50	0.5~3					
			± 50	4~450					
			± 75	0.5					
LR25	2728	4W	± 50	1~60	6.60 $\pm$ 0.25	6.70 $\pm$ 0.25			
			± 75	0.5					
			± 50	1~60					
			± 75	0.5					
LR28	4527	3W	± 50	1~500	11.30 $\pm$ 0.50	6.60 $\pm$ 0.50			
			± 75	1~500					
			± 50	1~500					
			± 75	1~500					

*表中未列入规格请联系工厂 Please contact the UNI-ROYAL if the specifications are not listed in the table.

Note: LR12 2W special TCR available case by case on basis. Standard Operating Temp $-55^{\circ}\text{C} \sim +170^{\circ}\text{C}$

注意: LR12 2W 特殊 TCR 可以特别提供。标准的工作温度 $-55^{\circ}\text{C} \sim +170^{\circ}\text{C}$

Jumper Specifications 跳线规格

Type 类型	Size 尺寸	Power Rating 额定功率	Max. Rating Current 最大额定电流	Resistance (mΩ) 阻值范围	Dimension(mm) 尺寸				Operating Temperature Range(°C) 工作温度范围
					L	W	T	D	
LRP5	0805	1/2W	50A	1	2.00 $\pm$ 0.25	1.30 $\pm$ 0.30	0.45 $\pm$ 0.20	0.40 $\pm$ 0.20	$-55 \sim +170^{\circ}\text{C}$
LR05		1W	70.7A		2.00 $\pm$ 0.25	1.30 $\pm$ 0.30	0.45 $\pm$ 0.20	0.40 $\pm$ 0.20	
LR06	1206	1W	70.7A	≤ 0.2	3.20 $\pm$ 0.25	1.65 $\pm$ 0.25	0.65 $\pm$ 0.25	0.50 $\pm$ 0.25	
LR12	2512	1W	100A		6.35 $\pm$ 0.25	3.18 $\pm$ 0.25	0.65 $\pm$ 0.25	1.10 $\pm$ 0.25	

Performance Specifications (性能)

Short-time overload	短时间过负荷	$\pm(0.5\%+0.0005\Omega)$ Test method 测试方法: Runing under 5 times of rated power in 5 seconds at room temperature. 5 倍额定功率、室温, 持续工作 5 秒 Except for special specifications (see datasheet) (特殊规格除外, 具体详见产品规格书)
Soldering heat	耐焊接热	$\pm(0.5\%+0.0005\Omega)$
Solderability	可焊性	Coverage must be over 95%.
Thermal Shock	热冲击	$\pm(0.5\%+0.0005\Omega)$
Load life	负载寿命	$\pm(1\%+0.0005\Omega)$

Ordering Procedure (Example:LR12 2W 1% 5m Ω T/R-4000)

订购方式 (例如: LR12 2W 1% 5m Ω T/R-4000)

