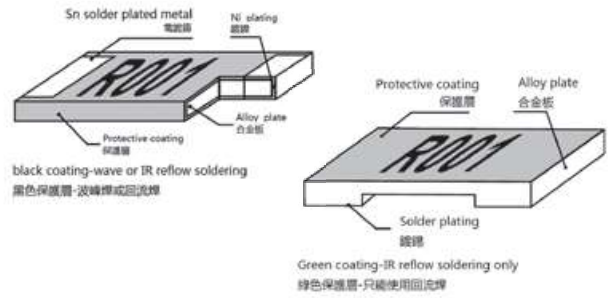
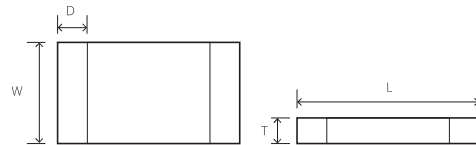
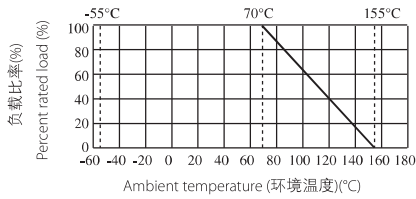


### Feature (特性)

- High power rating up to 3 watts 高功率可达 3W
- Low T.C.R until  $\pm 50$ PPM 较低的温度系数  $\pm 50$ PPM
- Low resistance values, from 0.5m $\Omega$  to 15m $\Omega$  阻值低 0.5m $\Omega$ ~15m $\Omega$
- Wide range package size 1206/2010/2512 尺寸为 1206、2010、2512
- Tolerance:  $\pm 1\%$ ,  $\pm 2\%$ ,  $\pm 5\%$  精度:  $\pm 1\%$ ,  $\pm 2\%$ ,  $\pm 5\%$



### Derating Curve (降功率曲线)



Type 类型	Power Rating at 70°C 额定功率	T.C.R PPM/°C	Resistance Range(m $\Omega$ ) 阻值范围	Dimension(mm) 尺寸				Color 颜色	Soldering 焊接
				L	W	T	D		
<b>Standard 标准</b>									
LR06 (1206)	1W	$\pm 200$	0.5	3.20 $\pm$ 0.254	1.60 $\pm$ 0.104	0.60 $\pm$ 0.20	0.980 $\pm$ 0.380	Black 黑色	IR reflow 回流焊
		$\pm 50$	0.75~10						
LR12 (2512)	1W	$\pm 150$	2,5,3	6.35 $\pm$ 0.254	3.18 $\pm$ 0.254	Depends on value 由阻值决定	Depends on value 由阻值决定	Black 黑色	Wave or IR reflow 波峰焊或回流焊
		$\pm 100$	4,5,10						
		$\pm 75$	6,6,5,7					Green 绿色	IR reflow 回流焊
		$\pm 50$	0.5,0.75,1,1.5,2						
$\pm 50$	11,12,13,14,15								
<b>High Power Rating 高功率</b>									
LR10 (2010)	1.5W	$\pm 200$	0.5	5.08 $\pm$ 0.254	2.54 $\pm$ 0.15	0.60 $\pm$ 0.20	1.665 $\pm$ 0.625	Black 黑色	IR reflow 回流焊
		$\pm 50$	0.75~10						
		$\pm 150$	2,3,5						
LR12 (2512)	2.0W	$\pm 100$	4,5,10	6.35 $\pm$ 0.254	3.18 $\pm$ 0.254	Depends on value 由阻值决定	Depends on value 由阻值决定	Black 黑色	Wave or IR reflow 波峰焊或回流焊
		$\pm 75$	6,6,5,7						
	$\pm 50$	0.5,0.75,1,1.5,2	Green 绿色					IR reflow 回流焊	
	$\pm 50$	6.5,7,8,9,10							
	2.5W	$\pm 50$							4,4,5,5,6
3W	$\pm 100$	0.5,0.75	Green 绿色	IR reflow 回流焊					
	$\pm 50$	1,1.5,2,3							

**Note:** LR12 2W special TCR available case by case on basis.

**注意:** LR12 2W 特殊 TCR 可以特别提供。

Standard Operating Temp -55°C~+170°C

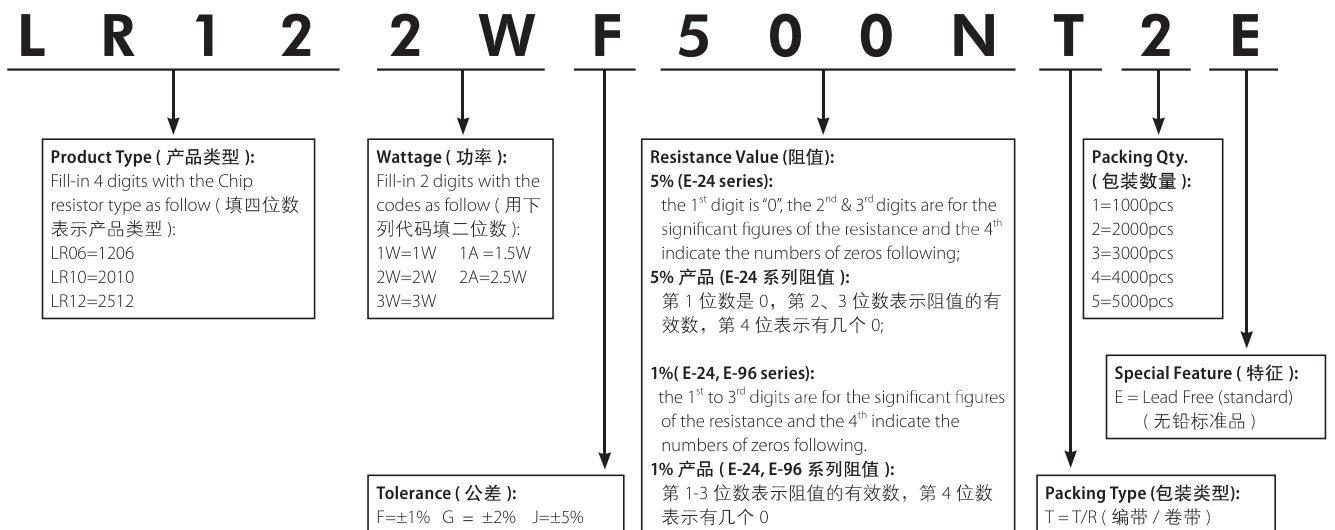
标准的工作温度 -55°C ~ + 170°C

Performance Specifications (性能)

Short-time overload	短时间过负荷	Black coating 黑色涂层: ±0.5% Max(最大) Green coating 绿色涂层: ±1% Max(最大)
Resistance to Soldering heat	耐焊接热	Black coating 黑色涂层: ±0.5% Max(最大) Green coating 绿色涂层: ±1% Max(最大)
Solderability	可焊性	Min.95% coverage (最少 95% 覆盖)
Thermal Shock	热冲击	Black coating 黑色涂层: ±0.5% Max(最大) Green coating 绿色涂层: ±1% Max(最大)
Load life	负载寿命	±1% Max(最大)

Ordering Procedure (Example:LR12 2W 1% 5mΩ T/R-2000)

订购方式 (例如: LR12 2W 1% 5mΩ T/R-2000)



J=10<sup>-1</sup>  
K=10<sup>-2</sup>  
L=10<sup>-3</sup>  
M=10<sup>-4</sup>  
N=10<sup>-5</sup>  
P=10<sup>-6</sup>