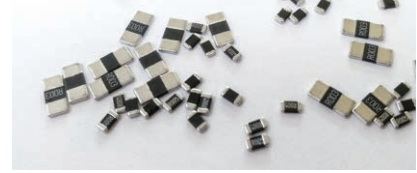
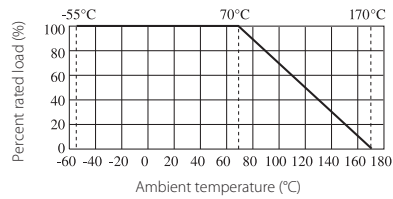


Feature

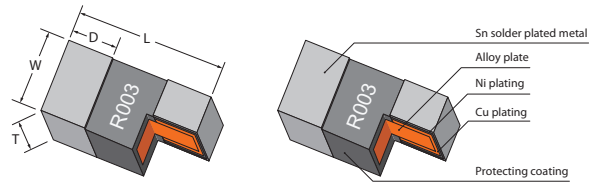
- High power rating up to 3 watts
- Low TCR
- Low inductance
- RoHS compliant



Derating Curve



Figures



Type	Power Rating at 70°C	T.C.R PPM/°C	Resistance Range(mΩ)	Dimension (mm)				Color	Soldering
				L	W	T	D		
Standard									
LR06 (1206)	1W	±100	1~50	3.20±0.25	1.60±0.25	0.60±0.25	0.980±0.25	Black	IR reflow
LR12 (2512)	1W	±100	2,5,3	6.35±0.25	3.18±0.25	Depends on value	Depends on value	Black	Wave or IR reflow
			4,5,10						
			6,6,5,7						
			0,5,0,75,1,1,5,2						
			11,12,13,14,15						
High Power Rating									
LR10 (2010)	1.5W	±200	0.5	5.08±0.25	2.54±0.25	0.60±0.25	1.66±0.63	Black	IR reflow
LR12 (2512)	2.0W	±150	2,3,5	6.35±0.25	3.18±0.25	Depends on value	Depends on value	Black	Wave or IR reflow
		±100	4,5,10						
		±75	6,6,5,7						
		±50	0,5,0,75,1,1,5,2						
		±50	6,5,7,8,9,10						
		±50	4,4,5,5,6						
3W	±100	0,5,0,75							
		±50	1,1,5,2,3						

Remark: LR12 2W special TCR is available case by case. Operating temperature: -55~+170°C.

Performance Specifications

Short-time overload Black coating: ±(0.5%+0.0005Ω)

Resistance to Soldering heat Black coating: ±(0.5%+0.0005Ω)

Solderability Coverage must be over 95%.

Thermal Shock Black coating: ±(0.5%+0.0005Ω)

Load life ± (1%+0.0005Ω)

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

