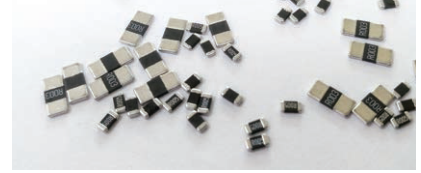
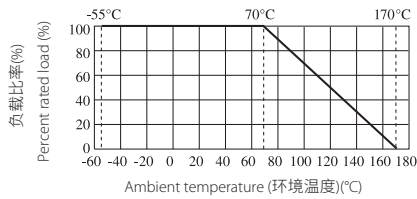


### Feature (特性)

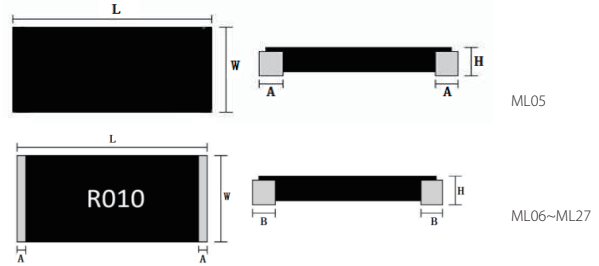
- Low Resistance / Low TCR 低阻值 / 低温度系数
- Excellent long term stability 优秀的长期稳定性
- RoHS compliant and halogen free. 符合RoHS标准, 不含卤素
- Lead free. 无铅
- High precision current sensing and voltage division. 高精度电流检测和电压划分



### Derating Curve (降功率曲线)



### Figures (型状)



Type 类型	Rating Power 额定功率	T.C.R PPM/°C	Resistance Range(mΩ) 阻值范围			Dimension(mm) 尺寸					Operating Temperature Range (°C) 工作温度范围
			0.5%(D)	1.0%(F) 5.0%(J)	2.0%(G)	L	W	H	A	B	
ML05	1/2W	≤±100	---	0.5~1	2.05±0.25	1.30±0.30					
		≤±75	---	1.5~2							
	≤±50	7~13	2.5~13								
	≤±100	---	0.5~1								
1W	≤±75	---	1.5~2								
	≤±50	7~13	2.5~13								
ML06	1W	≤±50	5~50	1~50	3.20±0.25	1.65±0.25	Depends on value 由阻值决定	Depends on value 由阻值决定	Depends on value 由阻值决定	-55°C ~+170°C	
	1.5W	≤±50	5~10	1~10							
ML12	2W	≤±75	---	0.5~0.75	6.35±0.25	3.05±0.25					
		≤±50	5~450	101~450							
	≤±75	---	0.5~0.75								
3W	≤±50	5~100	1,1.5,3~9								
	≤±100	---	0.2								
	≤±50	---	0.25~0.8								
ML25	4W	≤±50	---	1~3	6.80±0.25	6.35±0.25					
		≤±50	---	1~3							
ML28	4W	≤±50	7~450	4~450	6.60±0.25	6.70±0.25					
		≤±50	---	0.5							
ML27	3W	≤±75	---	0.5	11.30±0.50	6.60±0.50					
		≤±50	7~60	1~60							
	≤±75	---	0.5								
5W	≤±50	7~500	1~500								

### Jumper Specifications (0Ω规格)

Type 类型	Power Rating 额定功率	Resistance (mΩ) 阻值范围	L	W	H	A	B
ML05 (0805)	1/2W 1W	≤0.2mΩ	2.05±0.25	1.30±0.30	0.45±0.20	0.40±0.20	/
ML06 (1206)	1W	≤0.2mΩ	3.20±0.25	1.65±0.25	0.65±0.25	0.50±0.30	0.50±0.30
ML12 (2512)	2W	≤0.2mΩ	6.35±0.25	3.05±0.25	0.65±0.25	1.15±0.25	1.10±0.25
	3W						

### Performance Specifications (性能)

<b>Short-time overload</b> 短时间过负荷	±(0.5%+0.0005Ω) Test method 测试方法: Runing under 3 times /4 times/5 times of rated power in 5 seconds at room temperature. 3倍/4倍/5倍额定功率、室温, 持续工作5秒 See the specification for details (具体详见产品规格书)
<b>Soldering heat</b> 耐焊接热	±(0.5%+0.0005Ω)
<b>Solderability</b> 可焊性	Coverage must be over 95%.
<b>Thermal Shock</b> 热冲击	±(0.5%+0.0005Ω)
<b>Load life</b> 负载寿命	±(1%+0.0005Ω) ML27:±(2%+0.0005)

### Ordering Procedure (Example:ML12 2W 1% 200mΩ T/R-4000)

订购方式 (例如: ML 2W 1% 200mΩ T/R-4000)

