

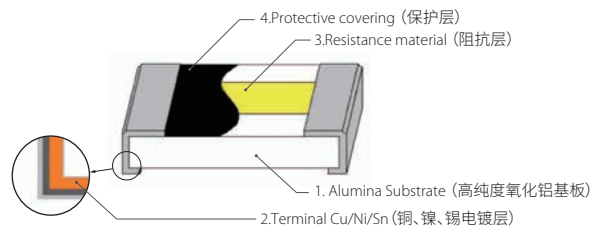
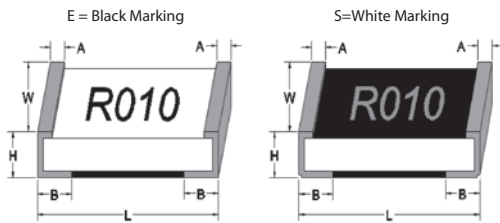
Feature (特性)

- Able to withstand high power 耐高功率
- Ultra Low sensing resistance 超低感应电阻
- Excellent frequency response 优秀的频率响应
- Excellent temperature coefficient characteristics 优秀的温度系数特性

Application (应用)

- Mobile electronic equipment-Cellular phone, NB Tablet PC, GPS,DSC, HDD
移动电话、平板计算机、GPS、DSC、硬盘驱动器
- DC-DC converter, Adapter, Battery pack and charger
直流转换器、适配器、电池和充电器
- Switching power supply 开关电源
- Voltage Regulation module 电压调整模块
- Power management applications 电源管理应用

Figures (型状)



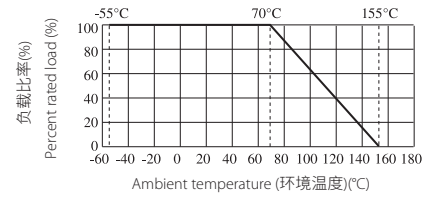
Specification (性能)

Type 类型	Power Rating 功率 70°C	Dimension(尺寸)(mm)					Resistance Range 阻值范围 ±1% & ±5%	T.C.R. 温度系数 ppm/°C
		L	W	H	A	B		
MS05	1/2W	2.00±0.30	1.20±0.30	0.6±0.20	≤1.0	0.65±0.15	5mΩ ~ 9mΩ	±150
						0.57±0.15	12mΩ ~ 13mΩ	
	0.42±0.15					10mΩ, 15mΩ ~ 30mΩ		
MS06	1W	3.10±0.20	1.60±0.30	0.70±0.20	≤1.0	0.42±0.15	10mΩ	±50
						0.86±0.25	7mΩ	±100
						0.76±0.25	5mΩ ~ 6mΩ, 8mΩ 27mΩ ~ 35mΩ	±100
MS10	1.5W	5.00±0.20	2.50±0.25	0.70±0.20	≤1.0	0.46±0.25	10mΩ ~ 25mΩ 37mΩ ~ 51mΩ	±50
						1.45±0.30	6mΩ	±50
						1.25±0.30	4mΩ, 7mΩ	±50
MS12	3W	6.35±0.20	3.20±0.25	0.70±0.20	≤1.0	1.00±0.30	5mΩ, 8mΩ, 10mΩ 11mΩ~25mΩ, 150mΩ	±30
						1.00±0.20	1mΩ 2mΩ	±50
						0.65±0.30	30mΩ~100mΩ	±30
MS12	2W	6.35±0.20	3.20±0.25	0.70±0.20	≤1.0	2.15±0.30	3mΩ	±30
						1.75±0.30	4mΩ, 7mΩ, 8mΩ	
						1.35±0.30	5mΩ	
						0.90±0.30	6mΩ, 9mΩ~15mΩ	
						0.90±0.30	16mΩ~100mΩ	
						0.90±0.30	101mΩ~200mΩ	

* Other sizes and resistor values can be customized on request. 其他规格和阻值可特别提供



Derating Curve (降功率曲线)

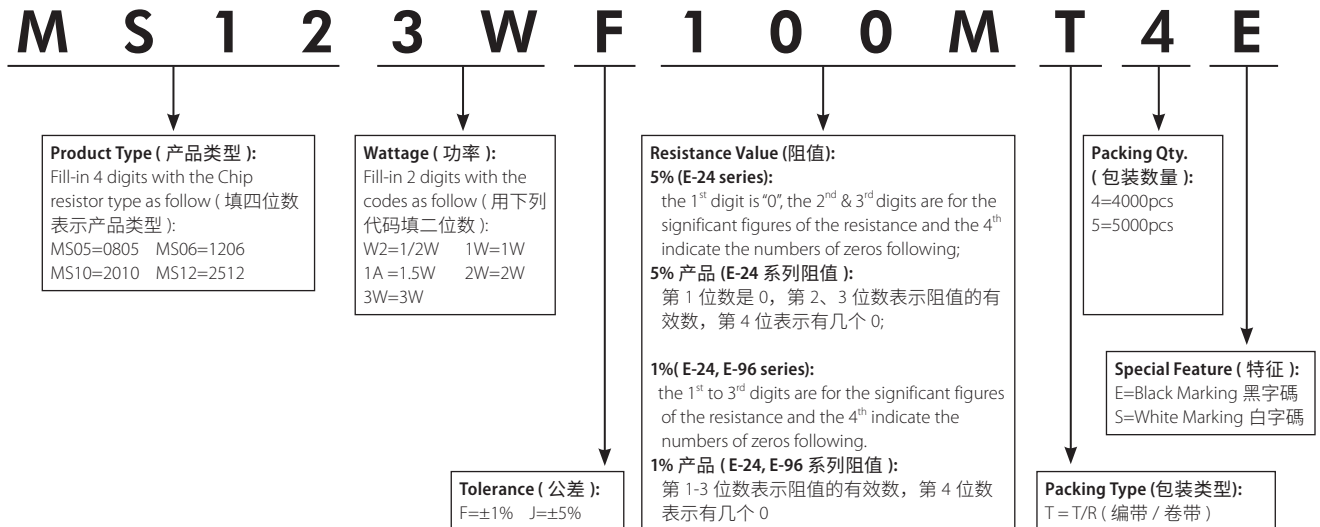


Performance Specifications (性能)

Short-time overload	短时间过负荷	1% & 2%: $\pm(1\%+0.001\ \Omega)$ 5%: $\pm(2\%+0.001\ \Omega)$
Solderability	可焊性	Coverage must be over 95%.
Low Temperature Storage	低温放置	$\pm(1\%+0.001\ \Omega)$
High Temperature Exposure	高温放置	$\pm(1\%+0.001\ \Omega)$
Soldering heat	耐焊接热	$\pm(0.5\%+0.005\ \Omega)$
Load life in humidity	湿度寿命	1% & 2%: $\pm(1\%+0.001\ \Omega)$ 5%: $\pm(3\%+0.001\ \Omega)$
Load life	负载寿命	1% & 2%: $\pm(1\%+0.001\ \Omega)$ 5%: $\pm(3\%+0.001\ \Omega)$

Ordering Procedure (Example: MS12 3W 1% 10m Ω T/R-4000)

订购方式 (例如: MS12 3W 1% 10m Ω T/R-4000)



Remark: Please refer to page 141 for ordering guide. 注: 下单请详见 P141 页说明。

单击下面可查看定价，库存，交付和生命周期等信息

[>>Uni-Ohm\(厚声\)](#)