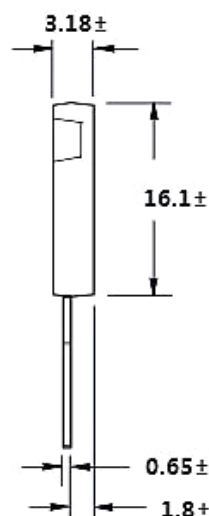
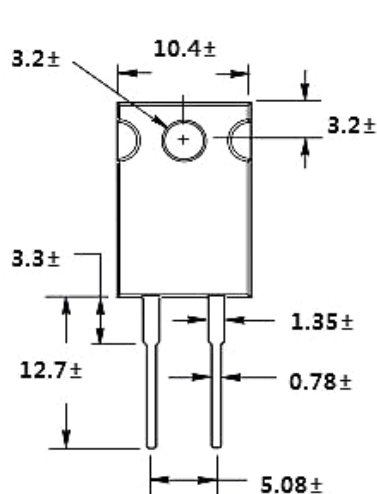


SERIES MP930/925

封装尺寸: T0220

Package size: T0220



尺寸: mm

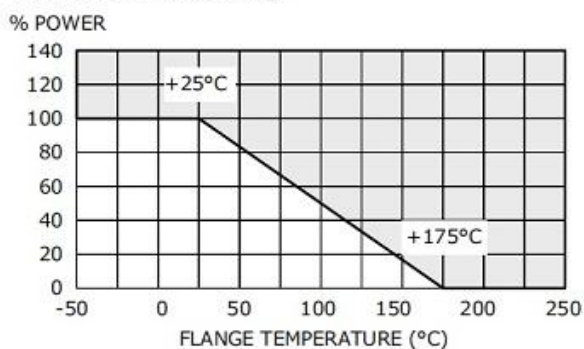
Size: mm

产品特点 FEATURES

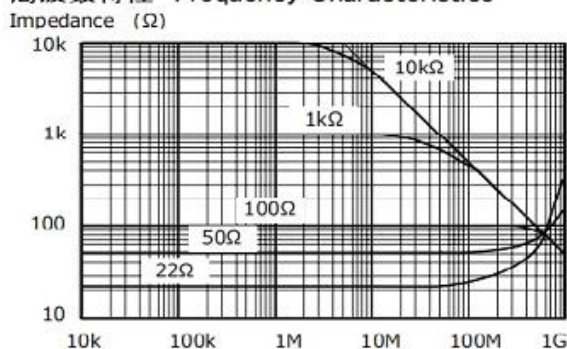
- 1%-5% 精度
- 1%-5% Tolerance available
- 25W-50W 大功率
- 25W-50W High power rating
- 无感设计
- Non inductive
- To-220 标准封装
- To-220 standrd package
- 阻值范围宽 0.01Ω-1mΩ
- 0Ω-1mΩ Wide ohmic value range
- 材料: 陶瓷 胶木 铜脚
- Material: Ceramic bakelite copper

降功耗曲线 POWER DERATING CURVE

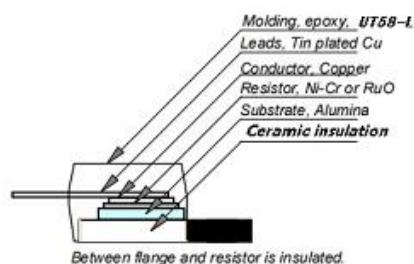
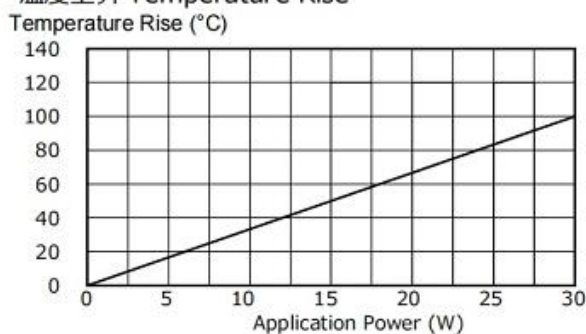
負荷輕減曲線 Derating



周波数特性 Frequency Characteristics



温度上昇 Temperature Rise



技术参数 SPECIAL FEATURES

型号 TYPE	MP930/MP925
功率 Power rating (25°C)	30W/25W
热阻 Thermal resistance	5°C/W
阻值范围 Resistance value range	0.01Ω-1MΩ
精度 Tolerance	±0.5%; ±1%; ±5%
温度系数 TCR	±100ppm/°C; ±250ppm/°C
最大工作电压 MAX. Working voltage	350V
绝缘层耐压 Dielectric Strength	1,800VAC
温度范围 Temperature range	-55°C-125°C
气候类别 Climatic category	55/125/56

- 更高参数可协商供货。
- Special specifications can be supplied in consultation with customers.
- 所示功率需加装散热器，在无加散热器的情况下功率为≤2.5W；
- The condition of the above power is needed to mount a heatsink if they has no heatsinks, the power only be ≤2.5W.

特征参数 PERFORMANCE

试验项目 TEST ITEM	性能要求 SPECIFICATIONS	试验方法 TEST METHOD GB/T5859-2008 IEC62258-1:2208
短时间过载 Short time overload	1.5 倍额定功率, 10 秒 1.5 times rated power 10s $\Delta R \pm (0.25\%R + 0.05\Omega)$	4.13
快速温度变化 Rapid temperature change	$\Delta R \leq \pm (0.25\%R + 0.05\Omega)$	4.19
气候顺序 Temperature cycling	$\Delta R \leq \pm (1\%R + 0.05\Omega)$	4.23
稳态湿热 Humidity (steady States)	$\Delta R \leq \pm (1\%R + 0.05\Omega)$	4.24
寿命 Load life	额定功率2000小时 Rated power for 2000 hours $\Delta R \leq \pm (1\%R + 0.05\Omega)$	4.25

包装数量 Number of packages

塑料筒管装； 50 个/筒； 纸盒包装：1000 个

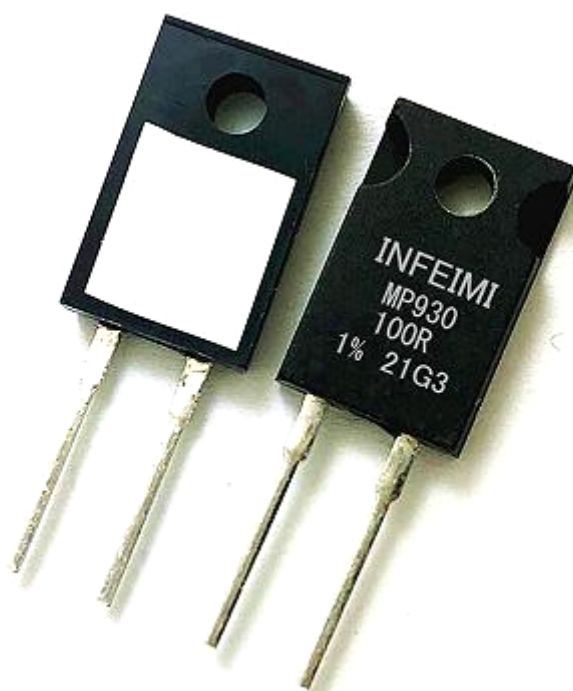
Plastic bobbin; 50 pes / barrel; One box: 1000pes

型号信息 Model information

MP930 100R 1% 21G3

型号功率 阻值 精密度 年份代码

Model power Resistance Precision Year code



Low Cost Heat Sink Mountable Designfeaturing , an Exposed Ceramic Heat Dissipating Mounting Surface

低成本散热器可安装设计，具有外露陶瓷散热安装表面

Use your thermal design experience with power semiconductors in T0-126, T0-220, and T0-247 style power packages to help you get the most out of this unique family of power resistors. The thermal design issues are the same where power handling capability is based on the case temperature which is maintained in your design.

利用您在 T0-126、T0-220 和 T0-247 型功率封装中功率半导体的热设计经验，帮助您充分利用这一独特的功率电阻器系列。热设计问题与功率处理能力基于设计中保持的外壳温度的情况相同。