

INFEIMI
向前创新 精功制造

MHP35 MHP20 功率型厚膜电阻器
MHP35 MHP20 POWERTHICKFILMRESISTORS

SERIES MHP35 MHP20

产品展示: Product display



26	A8	MHP35	10R	F
Year	Number	Model	Resistance	Precision:1%
年份	编码	型号	阻值	精密度

POWER THICK FILM RESISTORS
35W 功率厚膜电阻

产品特点: FEATURES

- 0.5%-5% 精度
- 0.5%-5% Tolerance available
- 20W-35W 大功率
- 20W-35W High power rating
- 无感设计
- Non inductive
- 环保: ROHS
- To-220 DIP 标准封装
- To-220 standard package DIP
- 阻值范围宽 0.1 Ω -1M Ω
- Wide ohmic value range 0.1 Ω -1M Ω
- 材料: 电木 铜脚
- Material: Bakelite copper

SERIES MHP35 MHP20

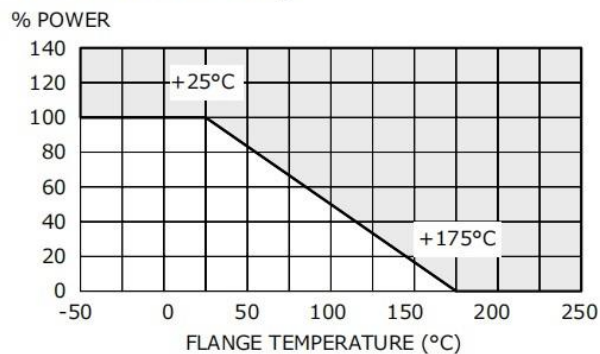
技术参数: SPECIAL FEATURES

型号 TYPE	MHP35 MHP20
功率 Power rating (25°C)	35W 20W
热阻 Thermal resistance	4.5°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	1800VAC
温度范围 Temperature range	-55°C-125°C
气候类别 Climatic category	55/125/56
上锡温度 Soldering temperature	< 210°C- < 260°C

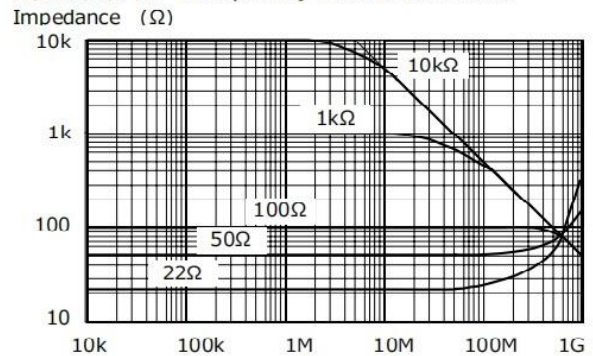
- 更高参数可协商供货。
- Special specifications can be supplied in consultation with customers.
- 所示功率需加装散热器，在无散热器的情况下功率为2.5W
- The condition of the above power is needed to mount a heatsink if they has no heatsinks, the power only be 2.5W.

降功耗曲线: POWER DERATING CURVE

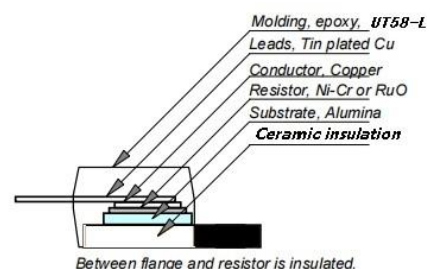
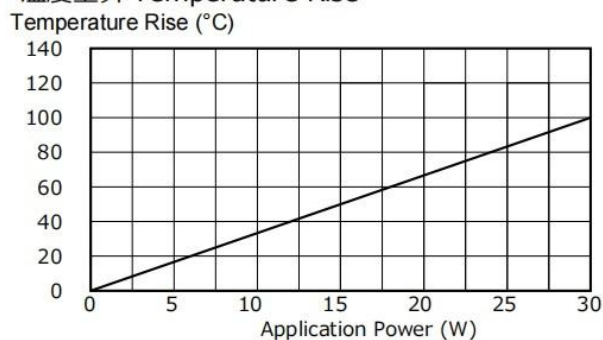
负荷轻减曲线 Derating



周波数特性 Frequency Characteristics



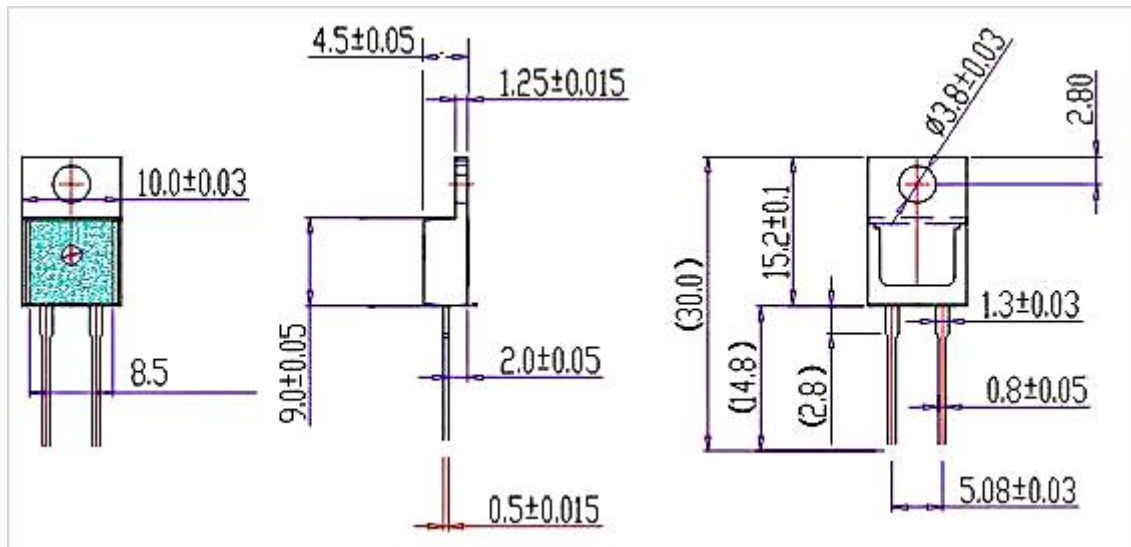
温度上昇 Temperature Rise



特征参数 PERFORMANCE

试验项目 TEST ITEM	性能要求 SPECIFICATIONS	试验方法 TEST METHOD GB/T5789-2022
短时间过载 Short time over load	1.5 倍额定功率, 10 秒 1.5 times rated power 10s	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	$\Delta R \leq \pm (1\%R + 0.05\Omega)$	4.2

■ 构造图 Construction: TO220-2 (mm)



● 订货示例: How To Order

MHP35-200R-F (1%)

MHP35-200R-J (5%)

● 订货说明: 电阻器阻值、精度、温度系数等规格指标超出范围的可协商供货。

Order Description: resistor resistance, accuracy, temperature coefficient and other specifications beyond the scope of supply can be negotiated

● 包装方式 packaging: 采用塑料筒自封/纸质盒包装。 Self sealing with plastic tube and paper box.

T0220: 20PCS/1000PCS 50PCS/1000PCS ; T0263 : 1000PSC/盘 dis