



26	Y8	MHP35S	10R	F
Year	Number	Model	Resistance	Precision: 1%
年份	编码	型号	阻值	精密度

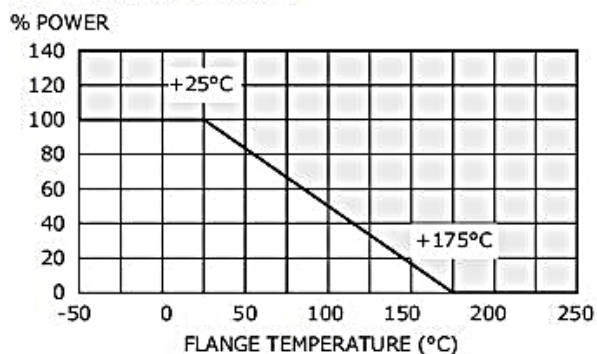
POWER THICK FILM RESISTORS
35W 功率厚膜电阻

产品特点 FEATURES

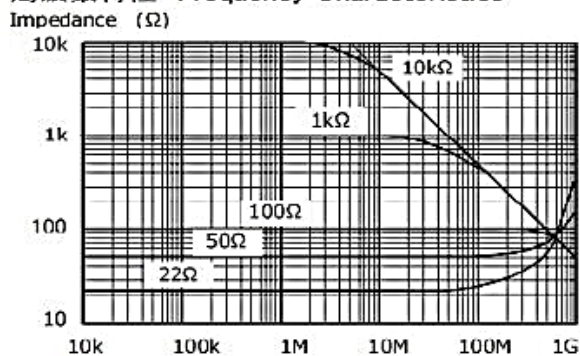
- 0.5%-1%-5% 精密度
- 0.5%-1%-5% Tolerance available
- 20W-35W 大功率
- 20W-35W High power rating
- 无感设计
- Non inductive
- 环保: ROHS
- To-263 贴片标准封装
- To-263 standrd package SMD
- 阻值范围宽 0.01Ω-1MΩ
- Wide ohmic value range 0.1Ω-1MΩ
- 材料: 电木 铜脚
- Material: Bakelite copper

降功耗曲线 POWER DERATING CURVE

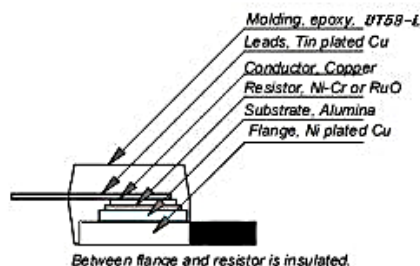
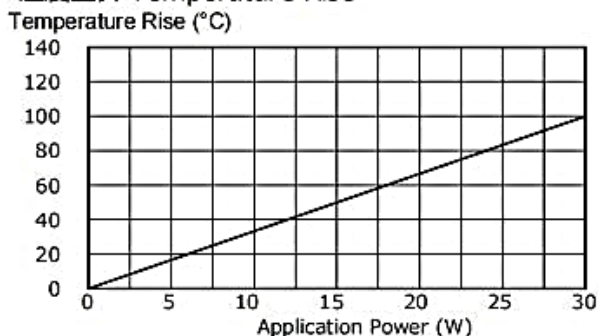
負荷輕減曲線 Derating



周波数特性 Frequency Characteristics



温度上昇 Temperature Rise



技术参数 SPECIAL FEATURES

型号 TYPE	MHP35S MHP20S
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	1,800VAC
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.

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 overload	1.5倍额定功率，10秒 1.5times 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

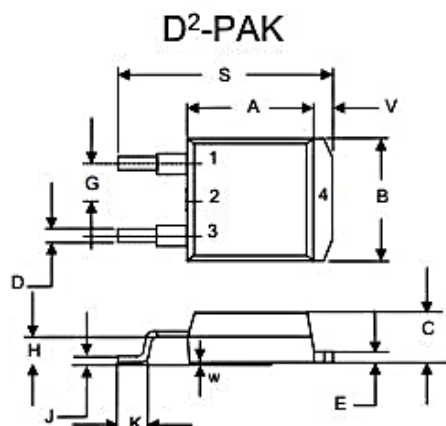
耐温：1上锡承受温度260度内；2请安装散热片在背后散热，避免温度过高烧坏电阻；
Temperature resistance:

1. The soldering temperature should be within 260 degrees Celsius;
2. Please install a heat sink on the back for heat dissipation to avoid overheating and damaging the resistor;

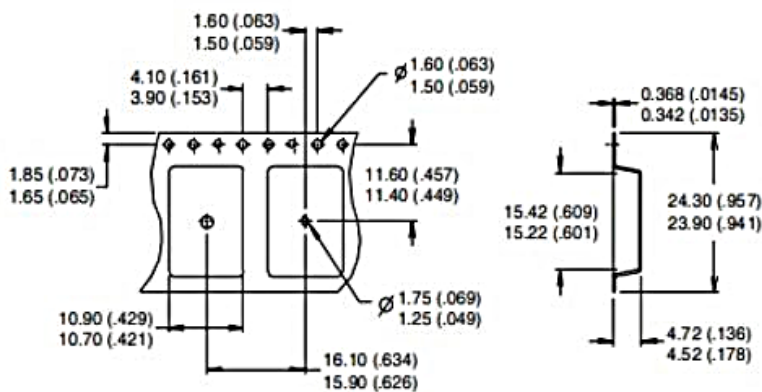
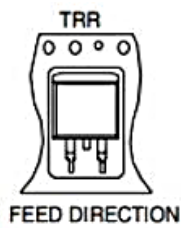
■ 构造图 Construction: (mm)

环保材料：ROHS

T0263



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.320	0.359	8.13	9.14	
B	0.380	0.411	9.65	10.45	
C	0.160	0.190	4.06	4.83	
D	0.020	0.035	0.51	0.89	
E	0.045	0.055	1.14	1.40	
G	0.083	0.105	2.10	2.67	
H	0.096	0.134	2.43	3.40	
J	0.014	0.021	0.35	0.53	
K	0.090	0.131	2.29	3.32	
S	0.575	0.625	14.22	16.22	
V	0.045	0.055	1.14	1.40	
W	0.000	0.006	0.00	0.15	



■ 订货示例: How To Order

MHP35S-200R-F (1%)

MHP35S-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 disc