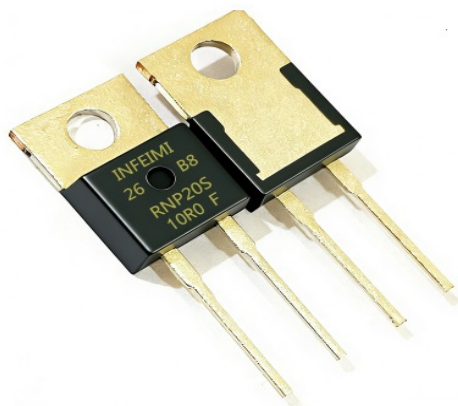




26	B8	RNP20S	10R	F
Year	Number	Model	Resistance	Precision: 1%
年份	编码	型号	阻值	精密度

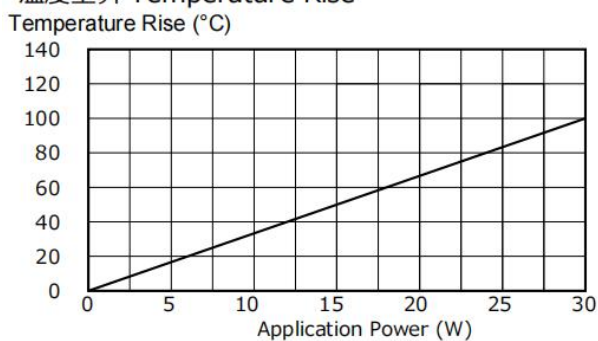
POWER THICK FILM RESISTORS
35W 功率厚膜电阻

产品特点 FEATURES

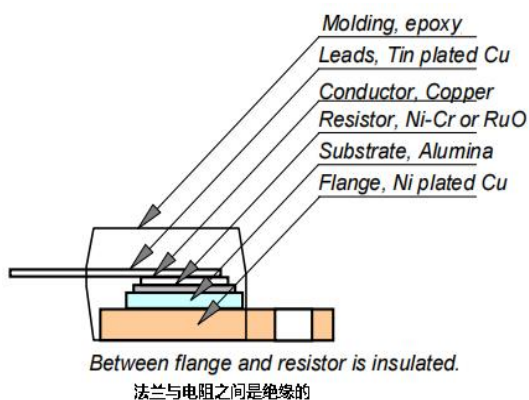
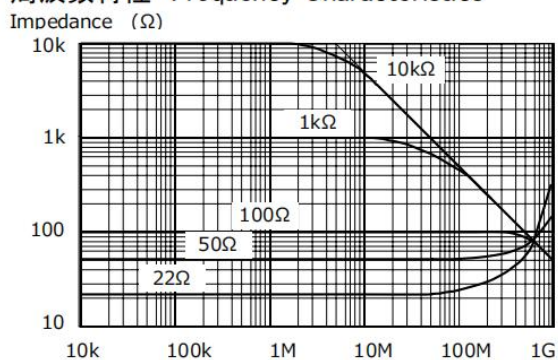
- 0.5%-5% 精度
- 0.5%-5% Tolerance available
- 35W 大功率
- 35W High power rating
- 无感设计
- Non inductive
- 环保：ROHS
- To-220 标准封装
- To-220 standrd package
- 阻值范围宽 0.01Ω-1MΩ
- Wide ohmic value range 0.1Ω-1MΩ
- 材料：电木 铜脚
- Material: Bakelite copper

降功耗曲线 POWER DERATING CURVE

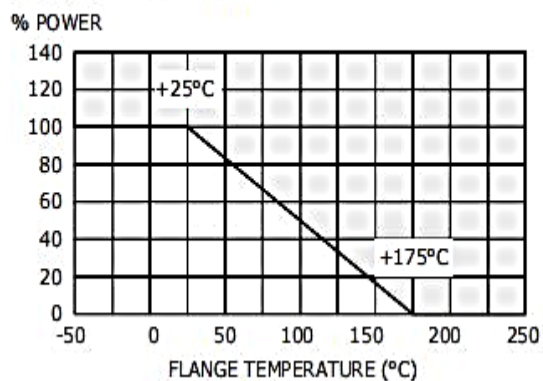
温度上升 Temperature Rise



周波数特性 Frequency Characteristics



負荷輕減曲線 Derating



技术参数 SPECIAL FEATURES

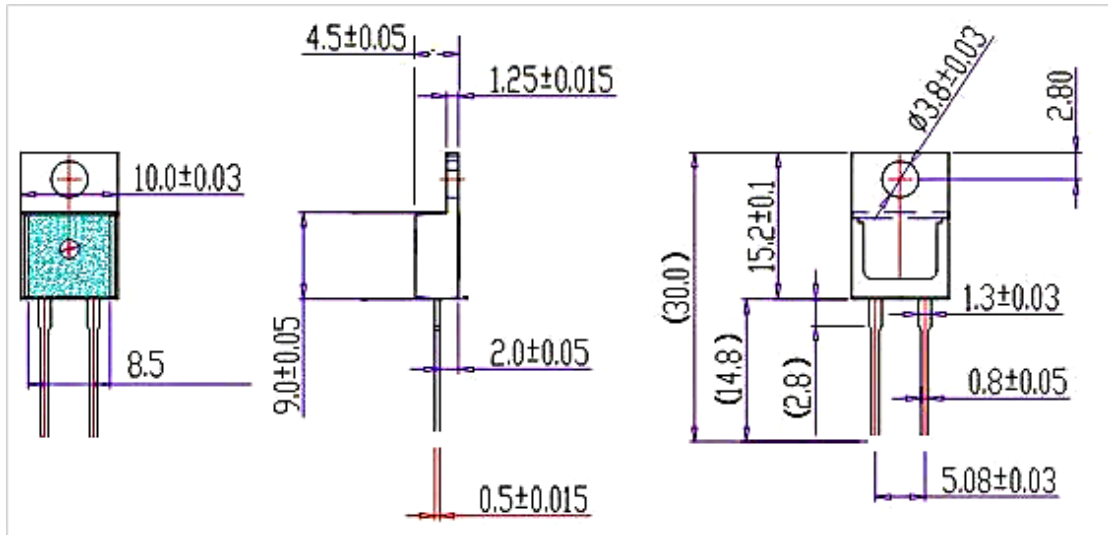
型号 TYPE	RNP20S
功率 Power rating (25°C)	35W
热阻 Thermal resistance	4.5°C/W
阻值范围 Resistance value range	0.01Ω-1MΩ
精度 Tolerance	±0.5%; ±1%; ±5%
温度系数 TCR	±100ppm/°C; ±250ppm/°C
最大工作电压 MAX. Working voltage	350V
绝缘层耐压 Dielectric Strength	1,800VAC
温度范围 Temperature range	-55°C-125°C
气候类别 Climatic category	55/125/56

- 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/T5729-2023 IEC60115-1:2101
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

■ 构造图 Construction: TO220-2 (mm)



■ 订货示例: How To Order

RNP20S-200R-F (1%)

RNP20S-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

■ 耐温: 1上锡承受温度200度-250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 200-250 degrees Celsius;

2. Please install a heat sink on the back for heat dissipation to avoid overheating and damaging the resistor;