



负温度系数(NTC)热敏电阻器

Negative temperature coefficient (NTC) thermistor

MF58玻璃壳测温型NTC热敏电阻系列

MF58 Glass Shell Temp measurement NTC Thermistor series

● 应用范围

- 家用电器（如空调机、微波炉、电磁炉、多士炉、电风扇、电取暖炉等）的温度控制与温度检测
- 办公自动化设备（如复印机、打印机等）的温度检测或温度补偿
- 手机电池、电池组
- 仪表线圈、集成电路、石英晶体振荡器和热电偶的温度补偿

Applications

- Temperature control and examination of household electrical appliance (such as air-condition, microwave oven, induction cooker, toaster fanner, electric heating and so on)
- Temperature examination and compensation of the automatic work facilities (such as copycat, printer and so on).
- Battery of mobile telephone, battery pile
- Temperature compensation of loops of instrument, integrate circuit, quartz crystal monofier and thermocouple.

● 特点

- 稳定性好、可靠性高
- 阻值范围宽、精度高
- 可在高温和高温等恶劣环境下使用
- 体积小、重量轻、结构坚固，便于自动化安装
- 热感应快、灵敏度高。

Characteristics

- Good stability and security
- Broad range of resistance
- Capability of operating in the bad environment of high temperature and high humidity because of the glassencapsulation framework.
- Small size, light weight, strong frame, easy automatic installation (on the printed-circuit board)
- Fast response to the temperature, high delicacy

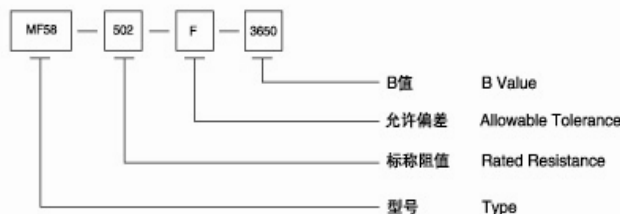
● 主要技术参数

- 额定零功率电阻值范围(R25): 0.1 ~ 1000kΩ
- R25允许偏差: ±1%、±2%、±3%、±5%、±10%
- B值范围(B25/50℃): 3100 ~ 4500K
- B值允许偏差: ±0.5%、±1%、±2%
- 耗散系数: ≥2mW/℃(在静止空气中)
- 热时间常数: ≤20S(在静止空气中)
- 工作温度范围: -55℃ ~ +200℃、250℃
- 额定功率: ≤50mW

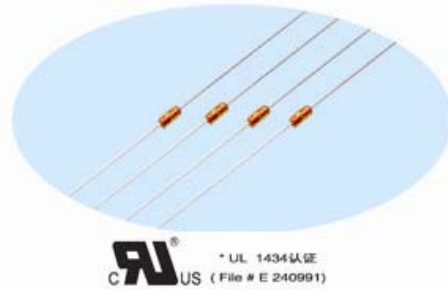
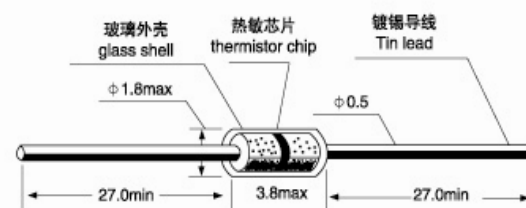
Main Techno-Parameter

- The range of resistance under the rated zero power(R25): 0.1 ~ 1000kΩ
- The allowable tolerance of R25: ±1%、±2%、±3%、±5%、±10%
- The range of B value: 3100 ~ 4500K
- The allowable tolerance of B value: ±0.5%、±1%、±2%
- Dissipation factor: ≥2mW/℃(In Still Air)
- Thermal time constant: ≤20S(In Still Air)
- The range of operating temperature: -55℃ ~ +200℃、250℃
- Rated Power: ≤50mW

● 产品标志说明 Specification



● 外形结构和尺寸 Dimensions(mm)



UL 1434认证
CUL US (File # E 240991)