

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
- 可在高温和高湿等恶劣环境下使用
- 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 envi rnement 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

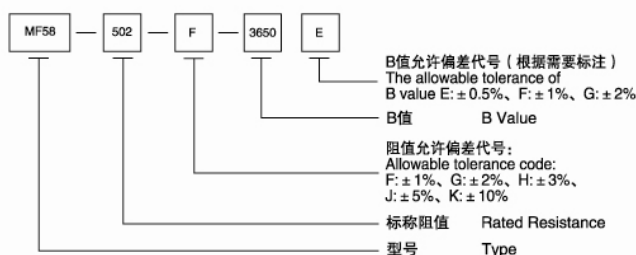
● 主要技术参数

- 额定零功率电阻值范围(R25):0.1 ~ 3780k Ω
- R25允许偏差: $\pm 1\%$ 、 $\pm 2\%$ 、 $\pm 3\%$ 、 $\pm 5\%$ 、 $\pm 10\%$
- B值范围(B25/50 $^{\circ}\text{C}$):3100 ~ 4500K
- B值允许偏差: $\pm 0.5\%$ 、 $\pm 1\%$ 、 $\pm 2\%$
- 耗散系数: $\geq 2\text{mW}/^{\circ}\text{C}$ (在静止空气中)
- 热时间常数: $\leq 20\text{S}$ (在静止空气中)
- 工作温度范围: $-55^{\circ}\text{C} \sim +200^{\circ}\text{C}$ 、 250°C
- 额定功率: $\leq 50\text{mW}$

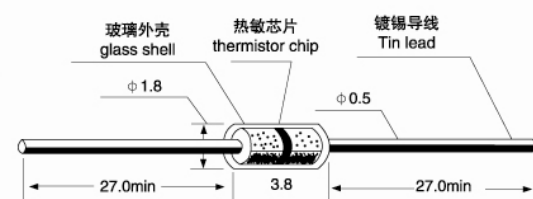
Main Techno-Parameter

- The range of resistance under the rated zero power(R25):0.1 ~ 3780k Ω
- The allowable tolerance of R25: $\pm 1\%$ 、 $\pm 2\%$ 、 $\pm 3\%$ 、 $\pm 5\%$ 、 $\pm 10\%$
- The range of B value: 3100 ~ 4500K
- The allowable tolerance of B value: $\pm 0.5\%$ 、 $\pm 1\%$ 、 $\pm 2\%$
- Dissipation factor: $\geq 2\text{mW}/^{\circ}\text{C}$ (In Still Air)
- Thermal time constant: $\leq 20\text{S}$ (In Still Air)
- The range of operating temperature: $-55^{\circ}\text{C} \sim +200^{\circ}\text{C}$ 、 250°C
- Rated Power: $\leq 50\text{mW}$

● 产品标志说明 Specification



● 外形结构和尺寸 Dimensions(mm)



江苏省高新技术产品 The Hi & Tech product of jiangsu province

● 安规认证 Approval



UL 1434 认证
(File # E 240991)



CQC 认证
(File # 09001033986)