

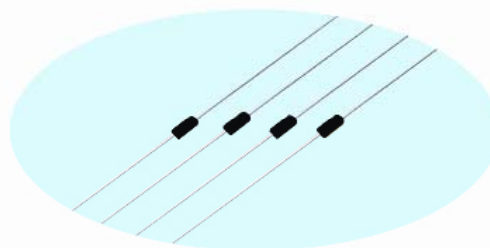
Negative temperature coefficient (NTC) thermistor

MF54塑封测温型NTC热敏电阻系列

MF54 resin coated diode Temp Measurement NTC Thermistor series

● 特点 Characteristics

- 测温精度高、稳定性好、阻值范围宽
- 体积小、反应速度快、灵敏度高
- 规模生产，低成本
- 轴型封装，便于AI自动化安装
- High testing precision ,good steady, wide resistance .
- Small size, Fast response , High sensitivity .
- Scale production , low cost .
- Axial leads , convenient for AI automatic installing .



● 应用范围

- 汽车电子(车载空调、冰箱等)
- 办公设备 (电脑、打印机等)
- 可充电电池 (锂电池、镍氢电池等)

Applications

- Automobile Electricity (car-carrying air-condition and refrigeration and so on)
- Office equipment (computer , print machine and so on)
- Rechargeable battery (lithium battery , ni-mh battery)

● 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值允许偏差: ±0.5%、±1%

耗散系数 ≥5mW/°C (在静止空气中)

热时间常数: ≤ 20S (在静止空气中)

工作温度范围: -55~125°C

25°C额定功率: ≤ 25mW

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 allowable tolerance of B value : ±0.5%、±1%

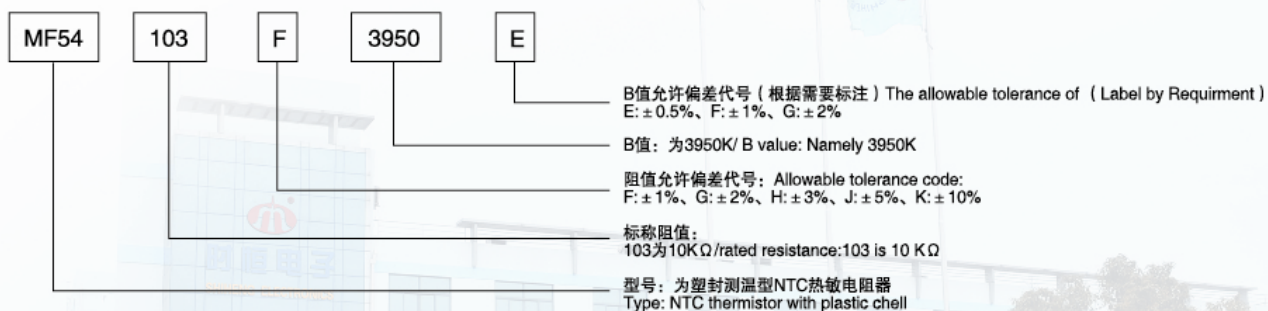
○ Dissipation factor: model ≥5mW/°C(in still air)

○ Thermal time constant : ≤ 20S(in still air)

○ Operating temperature: -55~125°C

○ Rated power at 25°C: ≤ 25mW

● 产品标志说明 Specification



● 外形尺寸(单位mm)Dimensions

