

MF54 Plastic Package Diode Temperature Measurement NTC Thermistor

R25(Ω): 0.1K~1KK

Application : Automotive electronics, office equipments, rechargeable battery.

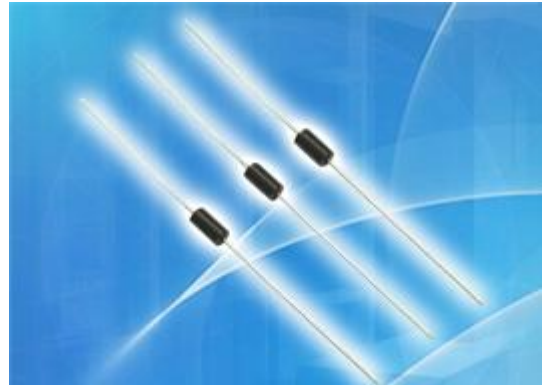
1. Characteristics

High precision, good steady, wide resistance.

Small size, Fast response, High sensitivity

Mass production, low cost

Axial leads as diode, convenient for AI automatic install



2. Application

Automobile electricity (auto air-conditioner and refrigeration etc.)

Office equipment (computer, print machine etc.)

Rechargeable battery (lithium battery, ni-mh battery)

3. Main parameters

Resistance range : 0.1~1000 K Ω

R25 Tolerance : $\pm 1\%$, $\pm 2\%$, $\pm 5\%$, $\pm 5\%$, $\pm 10\%$

B value tolerance : $\pm 0.5\%$, $\pm 1\%$

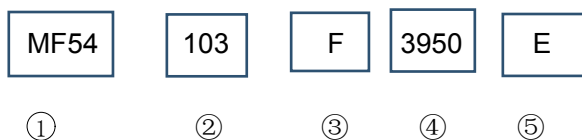
Dissipation factor : model $\geq 5\text{mW}/^\circ\text{C}$ in still air

Thermal time constant : $\leq 20\text{sec}$ in still air

Rated power at 25°C : $\leq 25\text{mW}$

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4. Part numbering



- ① Type : MF54 Plastic Package Diode Temperature Measurement NTC Thermistor
- ② Rated zero power resistance: 103-10K Ohm
- ③ Resistance tolerance : F - $\pm 1\%$, G - $\pm 2\%$, H - $\pm 3\%$, J - $\pm 5\%$, K - $\pm 10\%$
- ④ B value : namely 3950K
- ⑤ B value tolerance : E: $\pm 0.5\%$, F : $\pm 1\%$, G : $\pm 2\%$

5.Dimension (mm)

