

Temperature Measurement Radial Glass MF51 NTC Thermistor

R25(Ω): 2K~1500K

Use: Air-Conditioner. Heating Apparatus

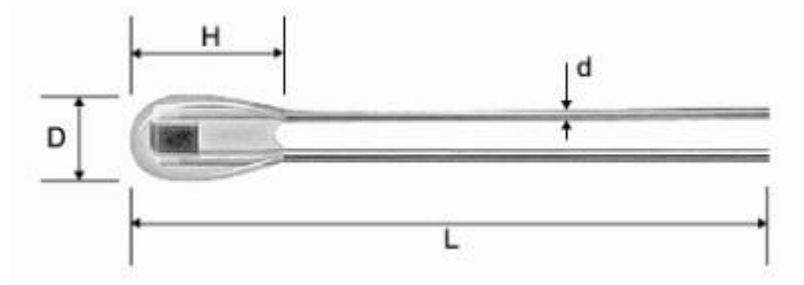
1. Application

- Air-Conditioner.Heating Apparatus
- Electric Thermometer
- Liquid level sensor
- Automobile electronic
- Electric table-board

2. Characteristics

- Small size
- High precision
- Fast response
- Good coherence and interchange
- Can be used in high temperature and humidity etc. Worse environment

3. Dimension (mm)



| Part number | D | H | L | d |
|-------------|---------|---------|-----|-----------|
| MF51-A | 2.0±0.2 | 3.8±0.5 | ≥40 | 0.25±0.02 |
| MF51-B | 1.6±0.2 | 3.2±0.5 | ≥60 | 0.25±0.02 |
| MF51-C | 1.2±0.2 | 2.4±0.5 | ≤60 | 0.25±0.02 |

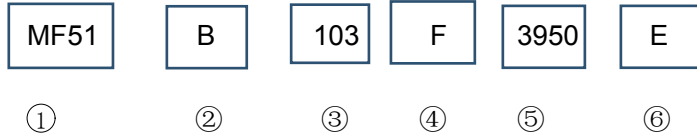
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4.How to order



- ① Type : MF51 Temperature Measurement Radial Glass NTC Thermistor
- ② Configuration Code: B model
- ③ Rated zero power resistance: 103-10K Ohm
- ④ Resistance tolerance : F - $\pm 1\%$, G - $\pm 2\%$, H - $\pm 3\%$, J - $\pm 5\%$, K - $\pm 10\%$
- ⑤ B value : namely 3380K,3950K
- ⑥ B value tolerance : E - $\pm 0.5\%$,F : $\pm 1\%$

4. Main parameters

| Part number | Dissi.Coef. mW/°C | Thermal time constant sec | Pmax mW |
|-------------|----------------------|---------------------------------|------------|
| MF51-A | ≈ 1.4 | ≈ 14 | 50 |
| MF51-B | ≈ 0.9 | ≈ 7 | 35 |
| MF51-C | ≈ 0.75 | ≈ 5 | 15 |

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| | Part number | Rated Resistance R25 | | B Value(25/85℃) | |
|---------------|-------------|------------------------|--------------------------|-----------------------|------------|
| | | R25(KOhm) | Tolerance | K | Tolerance |
| Normal model | MF51□□□3435 | 2~10 | ±1% ±2% ±3% ±5% | 3435 | ±1% ±2% |
| | MF51□□□3450 | 2~10 | | 3450 | |
| | MF51□□□3750 | 8~10 | | 3750 | |
| | MF51□□□3950 | 10~50 | | 3950 | |
| | MF51□□□4150 | 50~100 | | 4150 | |
| | MF51□□□4200 | 100~350 | | 4200 | |
| | MF51□□□4350 | 870~980 | | 4350 | |
| | MF51□□□4450 | 1000~1500 | | 4450 | |
| Special model | MF51□□□3420 | R25=2.186 R0=6 | ±2% ±3% ±5% | 3420(B0/100= 3390) | ±1% ±2% |
| | MF51□□□3480 | R25=5.369 R0=15 | | 3480(B0/100= 3450) | |
| | MF51□□□3992 | R25=49.12 R100=3.3 | | 3992(B0/100= 3970) | |
| | MF51□□□4066 | R25=98.63 R200=0.55 | | 4066(B0/100= 4300) | |
| | MF51□□□4240 | R25=231.4 R200=1 | | 4240(B0/100= 4537) | |

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