

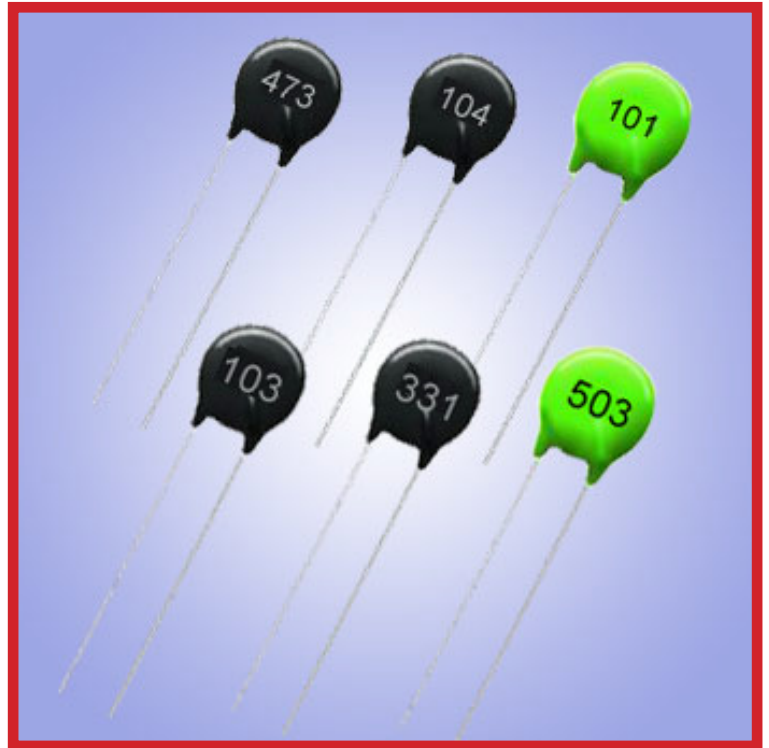


CANTHERM

Supplying high-quality bimetal and thermal sensor products.

MF11 Temperature Compensation NTC Thermistor

The MF11 series of NTC Thermistors is designed for temperature measurement and the temperature compensation of measurement instruments and electronic circuits.



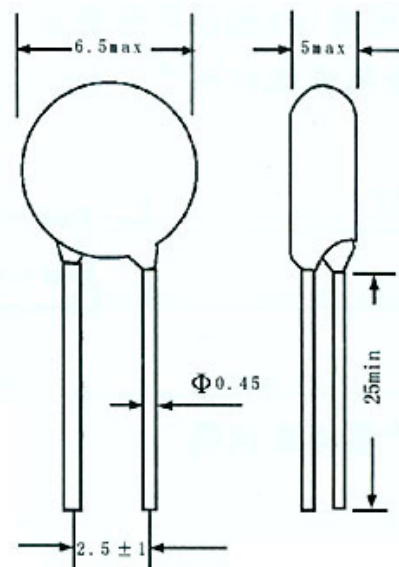
Application

- Temperature Measurement
- Temperature Compensation of Electronic Circuits

Characteristics

- Broad range of resistance
- Wide choice of B values
- Standard tolerances: $\pm 5\%$, $\pm 10\%$, $\pm 20\%$
- B Value tolerance: $\pm 5\%$
- Available in all standard R values
- Measuring power $\leq 0.5\text{mW}$
- Dissipation Constant $\geq 6.0\text{mW}/^\circ\text{C}$
- Time Constant of ≤ 30 seconds
- Rated Power: 0.5W
- Long-term Stability and Reliability
- Good level of Tolerance and Interchangeability
- Temperature Range: -55°C to 125°C

Dimensions (mm)



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8415 Mountain Sights Avenue • Montreal (Quebec), H4P 2B8, Canada
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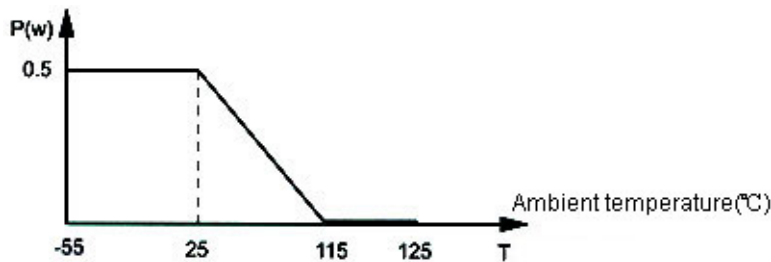
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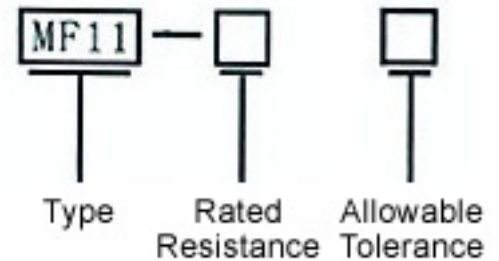
| Part No | Rated zero-power resistance at 25°C | | B Value (25/50°C) | |
|---------|-------------------------------------|---------------------------|-------------------|-------------------------|
| | Resistance range (Ω) | Allowable Tolerance (%) | Rated Value (K) | Allowable Tolerance (%) |
| MF11 | 3.3-33 | +/- 5 +/- 10 +/- 20 | 2700 | +/-5 |
| | 6.8-68 | | 2830 | |
| | 15-150 | | 2950 | |
| | 33-330 | | 3100 | |
| | 68-680 | | 3250 | |
| | 150-1500 | | 3400 | |
| | 330-3300 | | 3570 | |
| | 680-6800 | | 3740 | |
| | 1500-15000 | | 3900 | |
| | 3300-33000 | | 4050 | |

Remark: We can produce thermistors according to your special requirements.

Power-Consumption curve:



Specification



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