Supplying high-quality bimetal and thermal sensor products.

MF11

TEMPERATURE COMPENSATION NTC THERMISTOR (MF11)





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Website: www.cantherm.com | Division of Microtherm 2010/June MF11

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.

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 6.8-68 15-150 33-330 68-680 150-1500 330-3300 680-6800 1500-15000 3300-33000	+/- 5 +/- 10 +/- 20	2700 2830 2950 3100 3250 3400 3570 3740 3900 4050	+/-5

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

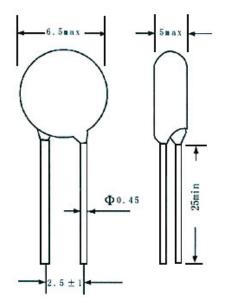
Application

- Temperature Measurement
- Temperature Compensation of Electronic Circuits

— Characteristics –

- · Broad range of resistance
- · Wide choice of B values
- Standard tolerances: ±5%, ±10%, ±20%
- B Value tolerance: ±5%
- Available in all standard R values
- Measuring power ≤0.5mW
- Dissipation Constant ≥6.0mW/°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)



Power-Consumption curve Specification

115

P(w) 4

0.5

-55

25

