

QTMC POINT MATCHED THERMISTORS



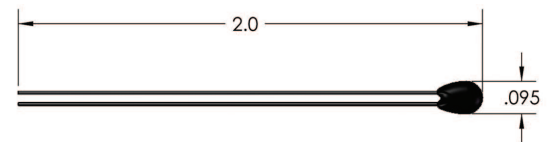
QTI's bare leaded NTC precision thermistors are the ideal solution for low cost temperature measurement between the range of -55°C and 150°C . Their small size allows for PC board mounting as well as for potting into enclosures.



ENGINEERING INFORMATION

- Available in a variety of wire types and lengths
- Typical wire sizes: # 26 to #30 AWG
- Leads: Kynar, PVC, Teflon, tin-plated copper
- Resistance values: from 100 ohms to 9.8M ohms
- Temperature range: -55°C to 155°C
- Typical Time Constant: 8 seconds max in still air*
- Typical Dissipation Constant: $2\text{mW}/^{\circ}\text{C}$ in still air*
- RoHS compliant options available

* Depends on mounting



STANDARD R/T CURVES AND VALUES

Resistances at 25°C (ohms):

100, 1k, 2.252k, 3k, 5k, 10k, 20k, 30k, 100k, 9.8M

Curves:

X, Z/D, Y, V, R

Tolerances (+/-):

10%, 5%, 2%, 1%

Additional resistance, curve or tolerance options may be possible. Connector, cable assembly and custom labeling and packaging options are also often available. Contact QTI for details.

QTI can customize this part for you. Contact us for available options.

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