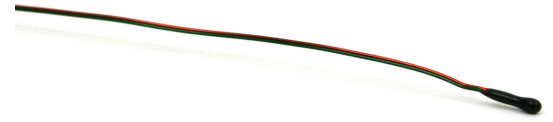


QTMB MINIATURE THERMISTORS

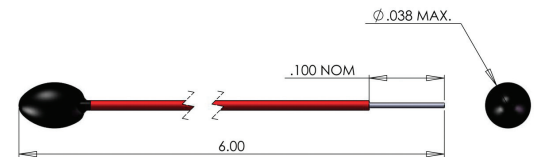
QTI's miniature NTC precision thermistors feature a small 0.038 inch maximum bead diameter providing an extremely fast thermal time response. The QTMB mini bead NTC thermistor is an extension of the QTI Interchangeable series for applications that require interchangeability in a smaller size. Standard 6 inch long #34 AWG insulated leads enable direct placement into probe housings or remote temperature sensing where space is limited. These thermistors are ideal for life science applications.



ENGINEERING INFORMATION

- Typical wire size: # 34 AWG Poly-Nylon insulated bifilar
- Lead diameter: 0.0062 inches
- Bead diameter: 0.038 inches
- Epoxy coating
- Power rating: 0.0625 W at 25°C, derate to 0 W at 125°C
- Temperature range: -55°C to 125°C
- Typical Time Constant: 1 second max in still air*
- Typical Dissipation Constant: 1mW/°C in still air*

* Depends on mounting



STANDARD R/T CURVES AND VALUES

Resistances at 25°C (ohms):

10k, 15k

Curves:

Z/D

Tolerances (+/-):

0.2°C (0°C to 70°C), 0.5°C (0°C to 70°C), 1.0°C (0°C to 70°C)

Additional resistance, curve or tolerance options may be possible. Contact QTI for details.

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

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