

QTLCA/QTLCB/QTLCC



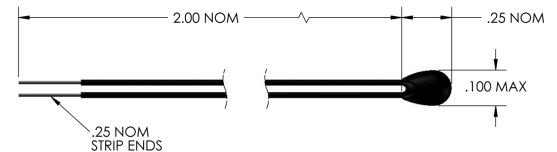
The QTI interchangeable NTC precision thermistor with insulated leads is a proven design for precision temperature measurement. The designation name "interchangeable" is given to precision thermistors which have ultra-tight tolerances guaranteed to track a specific resistance-temperature curve.



ENGINEERING INFORMATION

- Lead lengths: 2 inches to 12 inches
- Typical wire size: # 28 AWG
- Resistance values at 25°C: from 2,252 ohms to 100k ohms
- Power rating: 0.25 W at 25°C, derate to 0 W at 125°C
- Temperature range: -55°C to 125°C
- Typical Time Constant: 8 seconds max in still air*
- Typical Dissipation Constant: 2mW/°C in still air*
- RoHS compliant

* Depends on mounting



STANDARD R/T CURVES AND VALUES

Resistances at 25°C (ohms):

2.252k, 3k, 5k, 10k

Curves:

Z/D, S/F

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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