TO40 SERIES

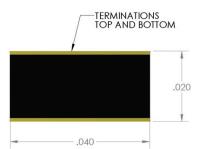


The T040 Series of gold thin-film terminated die are leadless NTC thermistor chips with pre-deposited high temperature solder. They have leach resistant gold contacts on top and bottom surfaces.



ENGINEERING INFORMATION

- Part sizes 0.040 inches square to 0.011 inches square
- Resistance values: from 100 ohms to 20M ohms
- · Available with gold or silver terminations
- Hybrid attachment (wire bond/solder)
- Ideal for reflow soldering die to board and wire-bonding die top side
- Typical Time Constant: 10 seconds max in still air
- Typical Dissipation Constant: 0.0625W, derate to 0 at 125°C
- Tolerances: 1%, 2%, 5%, 10%
- · RoHS compliant
- · Available with pre-deposited solder



STANDARD R/T CURVES AND VALUES

Resistances at 25°C (ohms):

5k, 10k

Curves:

Z/D

Tolerances (+/-):

10%, 5%, 2%

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.

2108 Century Way Boise, Idaho 83709 USA T: (208) 377-3373, 800-554-4784 F: (208) 376-4754 qtisales@thermistor.com www.thermistor.com



