

# T340/E340 SERIES



QTI's T340/E340 Series of mini thermistors offers improved thermal isolation and fast response times. These temperature sensors are a good choice for potting inside small temperature probe housings.



## ENGINEERING INFORMATION

- Typical diameter: 0.037 inches
- Leads: solid nickel, Polyesterimide insulation
- Material: epoxy, polyimide
- Typical wire size: #38 AWG
- Typical operating temperature range: 0°C to 70°C
- Typical Dissipation Constant: 1mW/°C in still air\*
- Typical Time Constant: 4 seconds in still air\*
- E340 sensors RoHS compliant
- Available in point-matched and interchangeable tolerances

\* Depends on mounting



## STANDARD R/T CURVES AND VALUES

### Resistances at 25°C (ohms)

2252, 3000, 5000, 10k, 30k

### Curves

Z/D, M/E

### Tolerances (+/-)

0.1°C (0°C to 70°C), 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 available. Please contact QTI for these and other customization options.

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

