

TEMPERATURE SENSOR

EMBEDDABLE CONE TIP THERMOCOUPLE

Fast Response Embeddable Cone Tip Thermocouple

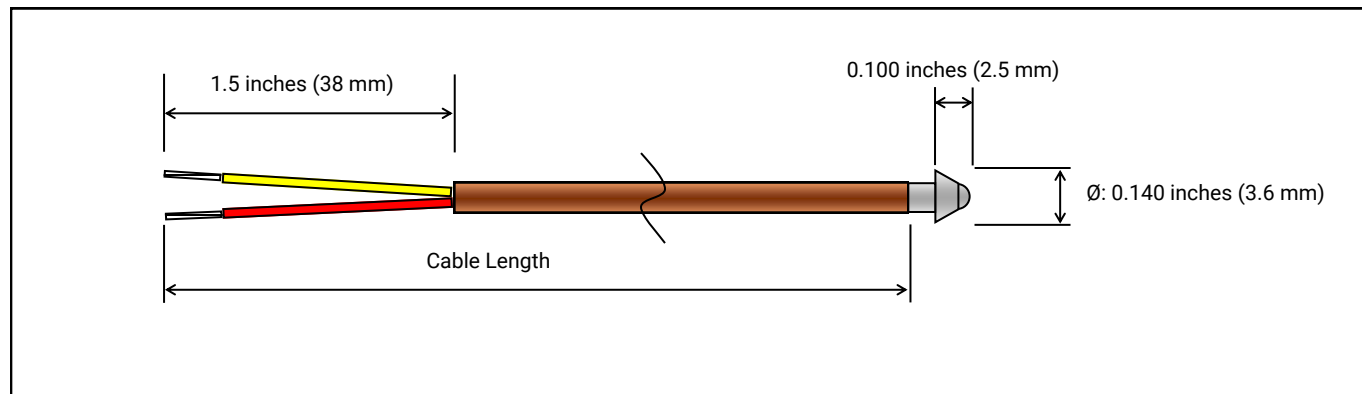
FEATURES

- Type J, K, or T thermocouple
- Embed cone tip into material (using insertion tool)
- Made in the USA
- Fiberglass or Teflon insulated wires
- Designed for research & development applications



SPECIFICATIONS

- Thermocouple type:** J, K, or T
Accuracy: Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)
- Cone Tip Material:** 304 Stainless Steel
Cone Tip Dimensions: Max OD = 0.125", Min OD = 0.150" (Max OD = 3.2 mm, Min OD = 3.8 mm)
- Sensing Junction:** Grounded
Response Time*: 500 mS
***Time Constant:** Defined as the time required to reach 63.2% of an instantaneous temperature change
 Five time constants are required to approach 100% of the step change value
- Lead Wire:** Fiberglass insulated, Fiberglass outer jacket, 24 AWG, stranded
 or
 Teflon insulated, Teflon outer jacket, 24 AWG, stranded
- Insertion Tool** Order p/n: ETTC-TOOL



ORDERING INFORMATION

Model	Cable Length	Junction	Cable Insulation	Thermocouple Type	Connector
ETTC	- □ □ □	- G	- □ □	- □	- □
	036 36 inches 072 72 inches 144 144 inches	G Grounded	FG Fiberglass TF Teflon	J Type J K Type K T Type T	N No connector MP Male mini-plug SP Standard plug

EXAMPLE

ETTC-072-G-TF-K-N: 72 inch long cable, Teflon Insulation, Type K thermocouple, grounded, no connector

CUSTOM CONFIGURATIONS AVAILABLE

