

## EMBEDDABLE CONE TIP THERMOCOUPLE

Fast Response Embeddable Cone Tip Thermocouple

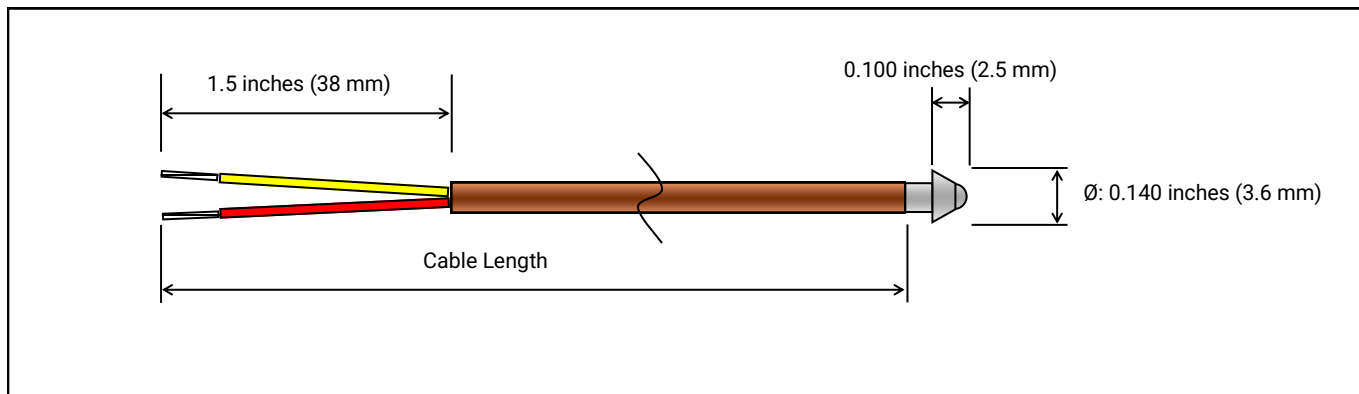
### FEATURES

- 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

<b>Thermocouple type:</b>	J, K, or T
<b>Accuracy:</b>	Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)
<b>Cone Tip Material:</b>	304 Stainless Steel
<b>Cone Tip Dimensions:</b>	Max OD = 0.125", Min OD = 0.150" (Max OD = 3.2 mm, Min OD = 3.8 mm)
<b>Sensing Junction:</b>	Grounded
<b>Response Time*:</b>	500 mS
<b>*Time Constant:</b>	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
<b>Lead Wire:</b>	Fiberglass insulated, Fiberglass outer jacket, 24 AWG, solid core or Teflon insulated, Teflon outer jacket, 24 AWG, solid core
<b>Insertion Tool</b>	Order p/n: ETTC-TOOL



### ORDERING INFORMATION

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

### EXAMPLE

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

CUSTOM CONFIGURATIONS AVAILABLE

