

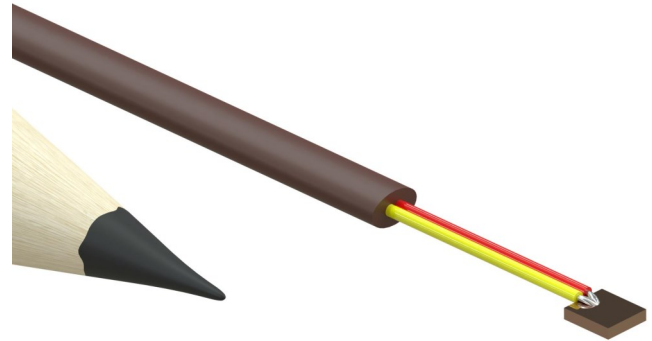
TEMPERATURE SENSOR

SURFACE TEMPERATURE THERMOCOUPLE WITH MINI COPPER PAD

Fast Response Surface Thermocouple

FEATURES

- Type J, K, or T thermocouple
- Glue copper pad to surface
- Made in the USA
- FEP insulated cable
- Designed for research & development applications



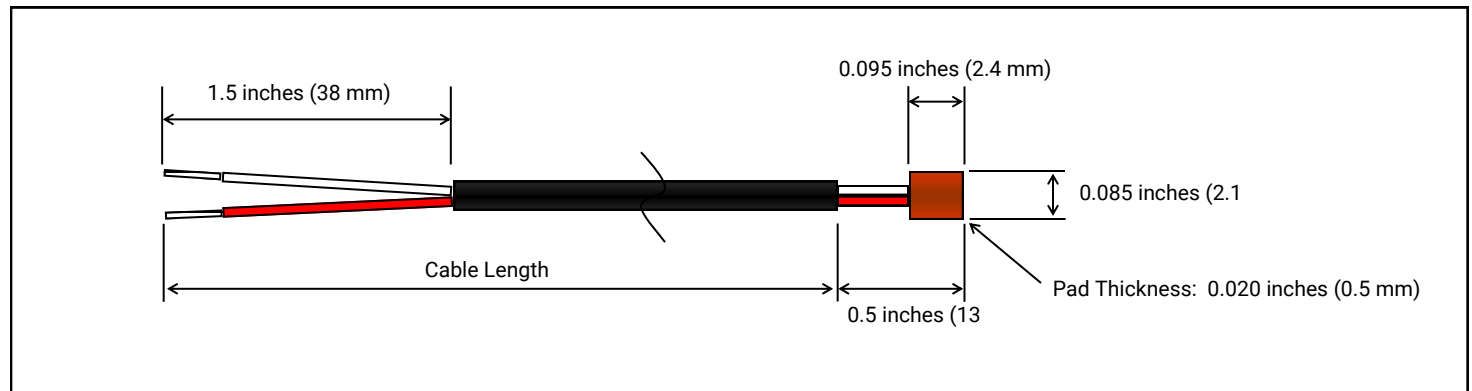
SPECIFICATIONS

Thermocouple type: J, K, or T
Max Temperature (Pad): 325°F (162°C)
Max Temperature (Cable): 400°F (204°C)
Accuracy: Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)

Copper Pad dimensions: W = 0.085" x L = 0.095" (2.1 mm x 2.4 mm), Thickness 0.020" (0.5 mm)

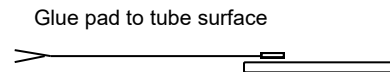
Sensing Junction: Grounded
Response Time*: 500 mS
***Time Constant:** Defined as the time required to reach 63.2% of an instantaneous temperature change
 Five time constants are required to approach 100% of the step change value

Lead Wire: FEP insulated, FEP over jacket, 30 AWG, solid core



ORDERING INFORMATION

Model	Lead Wire Length	Thermocouple Type	Connector
CPTC	- □ □ □	- □	- □
	060 60 inches	J Type J	N No connector
	120 120 inches	K Type K	MP Male mini-plug
	240 240 inches	T Type T	SP Standard plug



EXAMPLE

CPTC-120-J-N: 120 inch long cable, Type J thermocouple, no connector

CUSTOM CONFIGURATIONS AVAILABLE

