

# Surface Temperature Thermocouple with Mini Copper Pad

## Fast Response Surface Thermocouple

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



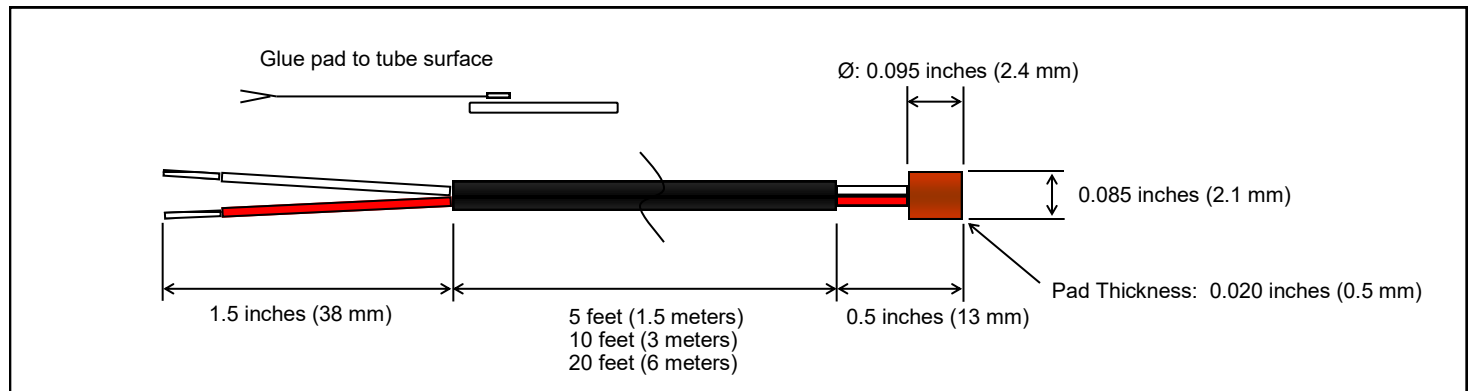
## Specifications

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
<b>CPTC</b>	- □ □ □	- □	- □
<b>060</b>	60 inches	J Type J	<b>N</b> No connector
<b>120</b>	120 inches	K Type K	<b>MP</b> Male mini-plug
<b>240</b>	240 inches	T Type T	<b>SP</b> Standard plug

## Ordering Example

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

**CUSTOM CONFIGURATIONS AVAILABLE**

