

Embedded Brake Pad Thermocouple

Fast Response Embedded Brake Pad Thermocouple

- Type K thermocouple
- Embed copper cap into brake pad
- Made in the USA
- Fiberglass protected wires
- Designed for research & development applications



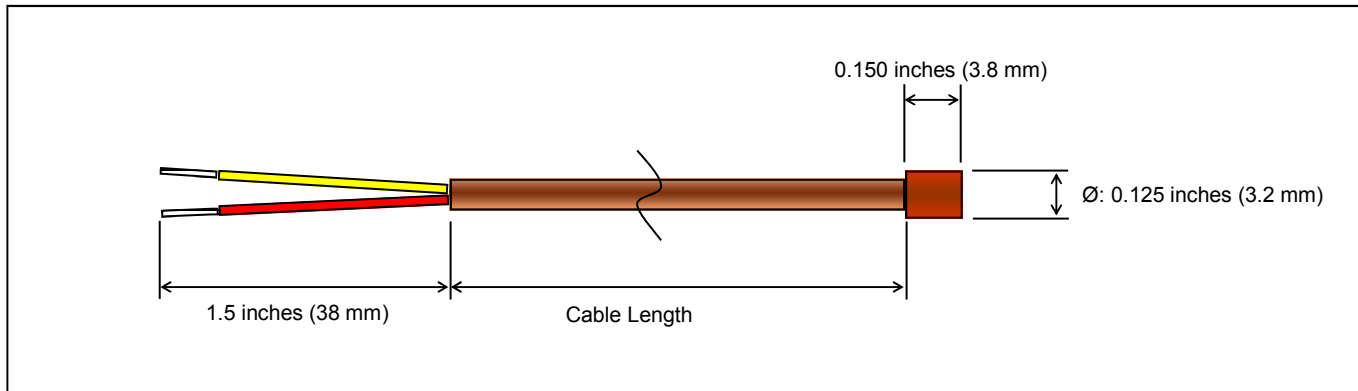
Specifications

Thermocouple type: K
 Accuracy: Greater of +/-0.4% of reading or +/- 1.1°C (Special Limits of Error)
 Operating Range: -40°F to +1470°F (-40°C to +800°C)

Cap Material: Copper
 Cap dimensions: OD = 0.125" x L = 0.150" (OD = 3.2 mm x L = 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

Leadwire: Fiberglass insulated, Fiberglass outer jacket, 22 AWG, stranded



Ordering Information

Model	Cable Length	Junction	Cable Insulation	Thermocouple Type	Connector
BPTC	- □ □ □	- □	- □ □	- □	- □
	036 36 inches 072 72 inches 144 144 inches	G Grounded U Ungrounded	FG Fiberglass	K Type K	N No connector MP Male mini-plug SP Standard plug

Ordering Example

BPTC-036-G-FG-K-N: 36 inch long cable, Fiberglass Insulation, Type K thermocouple, grounded, no connector

CUSTOM CONFIGURATIONS AVAILABLE

