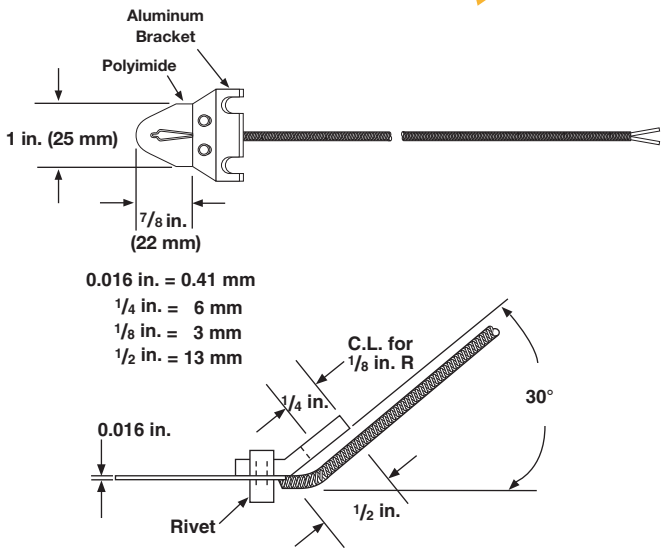
General Applications Tube and Wire

Polyimide Bracket Style

The polyimide thermocouple, when used with the aluminum bracket, is designed primarily to measure roller temperature. Light pressure on the roller enables the polyimide thermocouple to measure roller surface temperature without using slip rings. This type of set-up greatly reduces lag time and eliminates slip rings cost and maintenance. It can also be used to measure conveyor belt temperatures and any other moving part by riding gently on the part surface.

- Continuous use at 400°F (200°C), 500°F (260°C) for limited periods
- Low mass
- Fast response
- Totally insulated construction
- Available in Type J or K



Polyimide Thermocouple with Bracket

Calibration	Lead Length in.	(cm)	Part No.
J	48	(122)	**OKJ30B4A**
	96	(244)	**OKJ30B4B**
K	48	(122)	**OKK30B2A**
	96	(244)	**OKK30B2B**

Sensors with 30 gauge solid thermocouple wire, with fiberglass insulation and split lead termination.

Low Profile Polyimide Peel and Stick Style

Low Profile Polyimide Thermocouple (without Bracket)

When used without the bracket it can be placed between heated parts for accurate temperature measurement. At the thermocouple junction, the overall thickness is only 0.016 in. (0.4 mm), so that it does not interfere with fit or thermo conductivity.

Calibration	Lead Length in.	(cm)	Part No.
J	48	(122)	**OKJ30B2A**
	96	(244)	**OKJ30B2B**
K	48	(122)	**OKK30B1A**
	96	(244)	**OKK30B1B**

Sensors with 30 gauge solid thermocouple wire, with fiberglass insulation and split lead termination.

Polyimide Peel and Stick

This sensor requires no bracket or special mounting. Simply peel away the backing and this self-adhesive film will bond to almost any surface. Temperature ratings for continuous use is 400°F (200°C).

Calibration	Lead Length in.	(cm)	Part No.
J	48	(122)	**OKJ30B11A**
	96	(244)	**OKJ30B11B**
K	48	(122)	**OKK30B10A**
	96	(244)	**OKK30B10B**
T	48	(122)	**OKT30B12A**
	96	(244)	**OKT30B12B**

Sensors with 30 gauge solid thermocouple wire, with fiberglass insulation and split lead termination.