

**Part Number: K1X-WBWT-36G-EX-CINS-6-MPCX**

Effective Date 6/24/2022

**Product Description:** Type K Exposed Thermocouple with Fine Diameter 36 Gage (.005") Wire and 1/8" Diameter Ceramic Sheath 6 Inches Long with Miniature Male Connector

**Type K Exposed Thermocouple  
36 Gage (.005") Diameter Wire  
1/8" Diameter Ceramic Sheath**

**Temperature Range**

**32°F to 2300°F  
(0 to 1260°C)**

*Fine Diameter Type K bare wire at max temperature range can reduce operational life span of sensor*

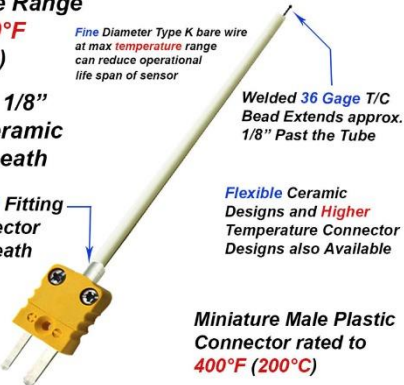
**6 Inch Long 1/8" Diameter Ceramic Insulator Sheath**

*Welded 36 Gage T/C Bead Extends approx. 1/8" Past the Tube*

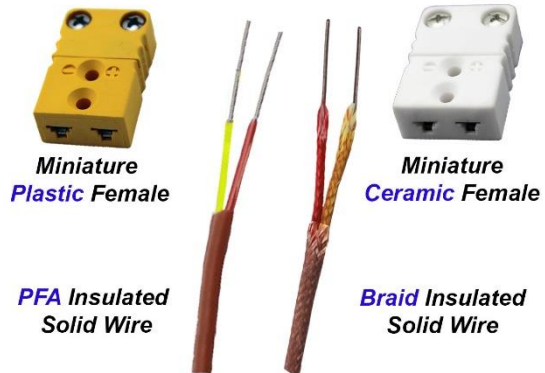
**Stainless Steel Fitting Secures Connector to Ceramic Sheath**

*Flexible Ceramic Designs and Higher Temperature Connector Designs also Available*

**Miniature Male Plastic Connector rated to 400°F (200°C)**



**Type K Thermocouple Probe Alumina (Ceramic) Sheath Accessories**



Thermocouple Type	K Calibration (Positive Wire: Nickel Chrome) (Negative Wire: Nickel Aluminum)
Thermocouple Junction	Fast Response Exposed Welded Bead
Thermocouple Wire Diameter	.005" (36 Gage)
Probe Diameter	1/8" (.125" or 3.18 mm)
Probe Sheath Material	Ceramic Alumina (Rated to 3632°F or 2000°C)
Probe Junction Temperature Range	32 to 2300°F (0 to 1260°C) Long Term Temperature Functionality Up To 1290°F (700°C)
Transition Fitting	1/8" (.125") Diameter Ceramic Alumina Tube, Ceramic Cement Backfill with .125" Crimp Adapter
Instrument Termination	Miniature Male Flat Pin Thermoplastic Connector Rated to -40 to 400°F (-40 to 200°C)
Color Coding	Yellow Connector
RoHS Status	Compliant to RoHS 2 and 3 directives