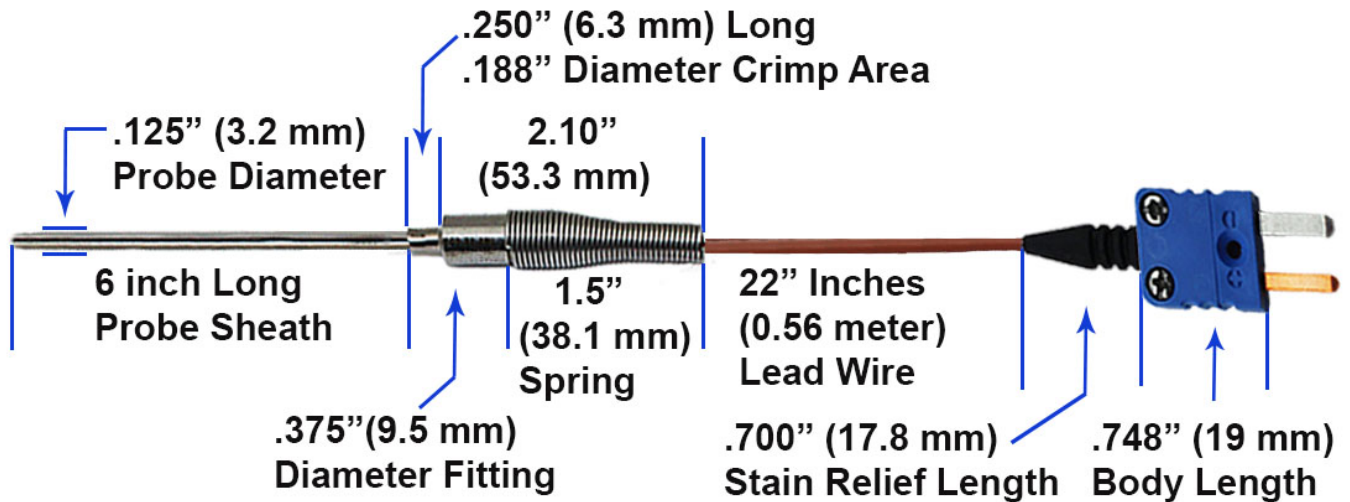


**Part Number:** T1X-S304-125-GX-6-PFXX-22-MPCX

**Product Description:** Type T thermocouple 6-inch long 1/8 diameter stainless steel sheath with a grounded junction and transition to 22 inches of 24 gage stranded FEP insulated lead wire stranded with a miniature male connector



Thermocouple Type	T Calibration (+ Copper and – Constantan)
Thermocouple Junction	Grounded with TC wire welded to Inner Tip
Probe Diameter	1/8" (.125" or 3.2 mm)
Probe Sheath Material	304 Stainless Steel
Probe Temperature Range	-350 to 650°F (-229 to 243°C)
Transition Fitting	3/8" (.375") Diameter Stainless Steel Tube, Epoxy Backfill with Reduced Diameter Crimp Area on Front End and Threaded Rear End for Stainless Steel Spring
Lead Wire Length	22" Inches (1.83 ft or 0.56 Meters) Long
Lead Wire Insulation	FEP with to 400°F (200°C) rating
Lead Wire Construction	24 Gage Stranded (7/32) Thermocouple Grade Parallel Design. Outer-jacket measures .100" x .060
Wire Termination - Instrument Connection	Type T Miniature Male Flat Pin Thermocouple Connector with Rubber Strain Relief
Color Coding	ANSI (+ Positive Blue Wire – Negative Red Wire and Brown Overall Jacket)
RoHS Status	Compliant to RoHS 2 and 3 directives

# Type T Thermocouple Probe

**6 Inch Long 1/8" Diameter**

**Stainless Steel Sheath with FEP  
Wire Leads and Connector**

**Temperature Range**

**-380 to 650°F  
(-229 to 243°C)**



**Bendable  
MI Cable Probe**

**22" Inches Long FEP  
Insulated 400°F (200°C)  
Rated Lead Wire with  
Miniature Connector**

**Positive Blue Wire Lead  
Negative Red Wire Lead  
Brown Overall Jacket**

**Grounded Junction  
provides Protection  
and Fast Response**

**24 Gage  
Stranded  
Thermocouple  
Wire Leads**

- MI Cable Probe design (Metal Sheath with highly compacted MgO powder insulated) provides bendability (bend radius 2.5 time the diameter) and ruggedness along with excellent thermal stability
- **Industries and Applications** include **Biotechnology**, Cold Storage, **Battery Technology** development, Medical, along with overall Research and Development