

Part Number: C1X-WBWT-30G-EX-CINS-6-MPCX

Effective Date 6/24/2022

Product Description: Type C Thermocouple Exposed Junction 30 Gage Wire with Ceramic Alumina 1/8" Diameter Sheath 6 Inches Long and Miniature Connector

Type C Thermocouple Probe
Alumina (Ceramic) Sheath
30 Gage (.010") Diameter Wire
Fast Response Exposed Tip

Exposed Wire Temperature Range
32°F to 4200°F (0° to 2315°C)

Alumina (Ceramic) Tube
Melting Point is approx.
3632°F (2000°C)

Stainless Steel Fitting
Secures Connector
to Sheath

Standard Design
Thermocouple Junction
Extends approx. 1/8 (.125")
Past the End of Tube.

Contact us for *Longer*
Length Junction Designs

6 Inch Long 1/8"
Diameter Ceramic
Insulator Sheath

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

Ceramic Connectors
Also Available



Type C Thermocouple Probe
Alumina (Ceramic) Sheath
Accessories



Miniature
Plastic Female

Miniature
Ceramic Female

FEP Insulated
Solid Wire

Braid Insulated
Solid Wire

Thermocouple Type	C Calibration (Positive Wire: 95% Tungsten, 5% Rhenium) (Negative Wire: 74% Tungsten, 26% Rhenium)
Thermocouple Junction	Fast Response Exposed Welded Bead
Thermocouple Wire Diameter	.010" (30 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 4200°F (0 to 2315°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	Red Connector
RoHS Status	Compliant to RoHS 2 and 3 directives