



# RF Connectors Technical Data Sheet

ET10988

# Configuration

- N Male Connector
- 50 Ohms
- Straight Body Geometry

- ET-P160LL Interface Type
- Clamp/Solder Attachment

### Features

- Max. Operating Frequency 18 GHz
- Excellent VSWR of 1.16:1

- Gold Plated Beryllium Copper Contact
- Contact plating according to ASTM-B488

# Applications

General Purpose Test

Custom Cable Assemblies

### Description

Ebeestock's ET10988 type N male connector with clamp/solder attachment for ET-P160LL is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.16:1.

Our type N male connector ET10988 datasheet specifications and drawing with dimensions are shown below in this PDF. Ebeestock's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Ebeestock has the right connector for the job. Ebeestock can also expertly build your custom cable assemblies for you and ship same-day.

#### Electrical Specifications

OC 18 GHz
1.16:1
1,500 Vrms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male Connector Clamp/Solder Attachment for ET-P160LL ET10988





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### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold ASTM-B488
Insulation	PTFE	
Body	Passivated Stainless Steel	
Coupling Nut	Passivated Stainless Steel	
Gasket	Silicone Rubber	
Crimp Sleeve	Brass	Gold ASTM-B488
O-R ing	Silicone Rubber	

**Environmental Specifications** 

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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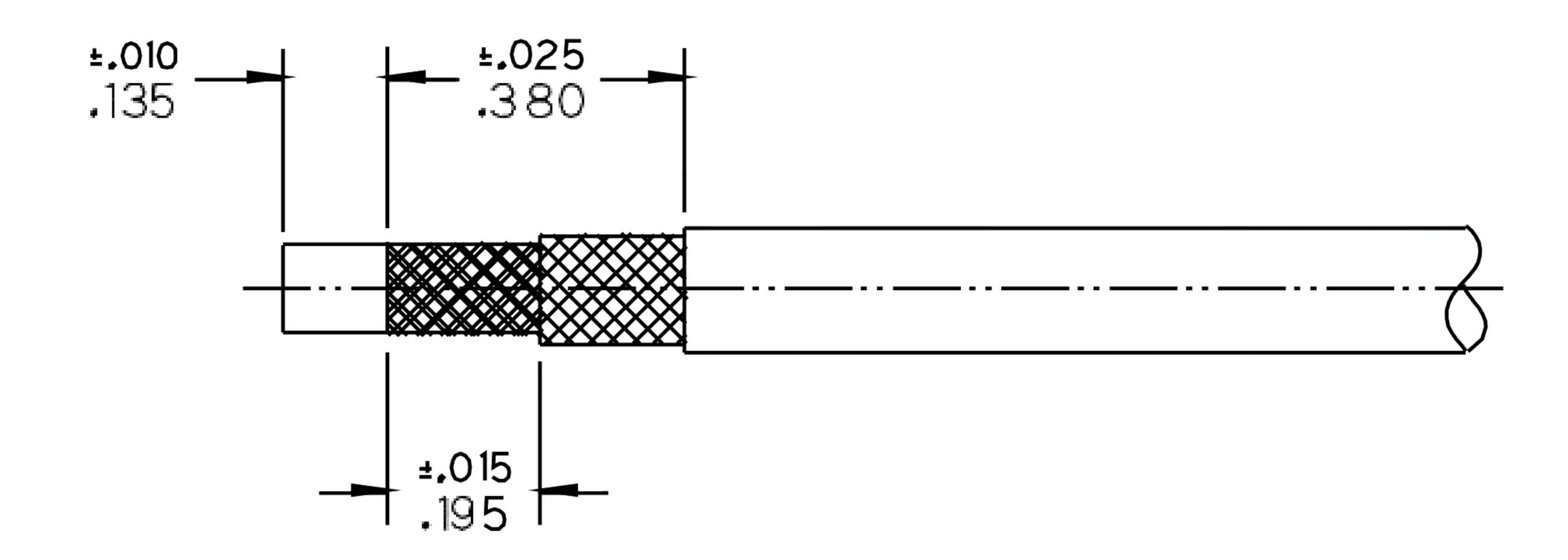


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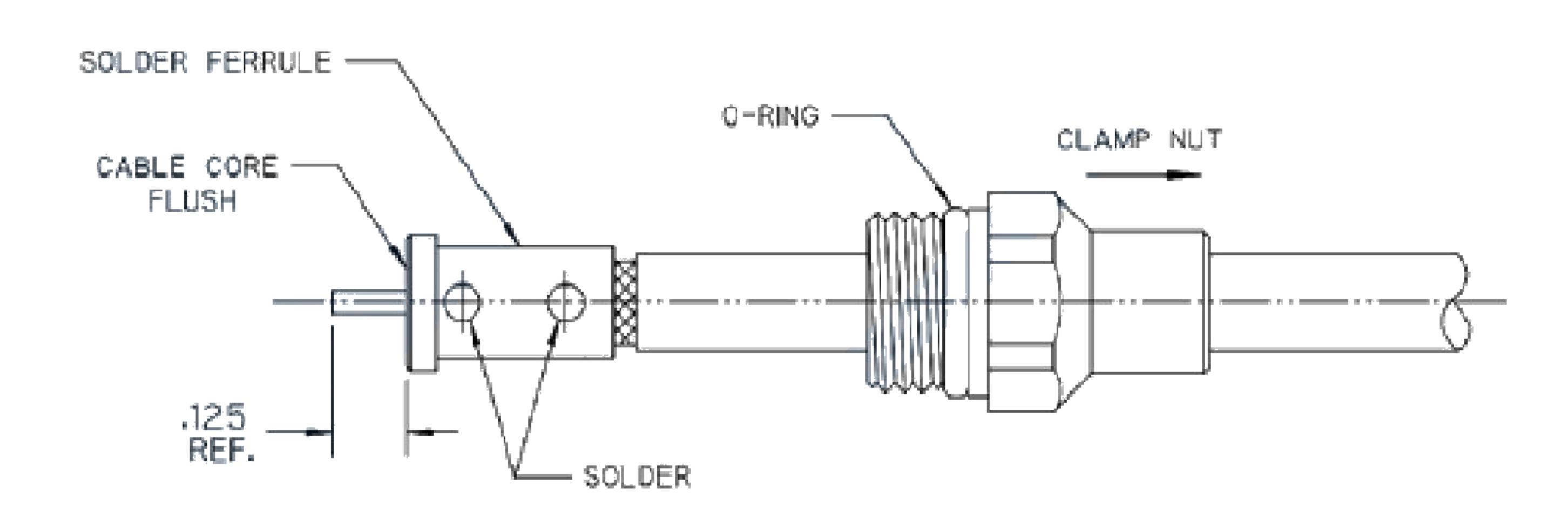
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### **Assembly Instruction**

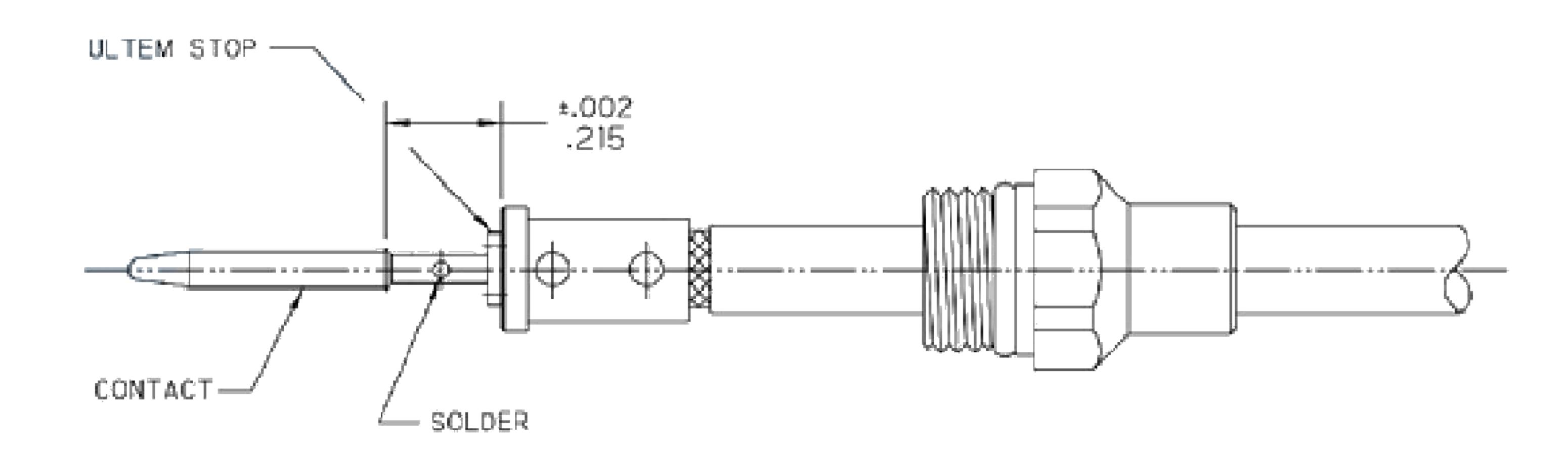
1. TRIM CABLE TO EXPOSE DIELECTRIC AND BRAIDS AS SHOWN.



- 2. A. INSTALL O-RING ONTO CLAMP NUT WHERE SHOWN AND SLIDE CLAMP NUT OVER CABLE IN ORIENTATION SHOW.
  - B. INSERT CABLE INTO SOLDER FERRULE UNTIL INNER BRAID SEATS THEN SOLDER BRAIDS TO FERRULE WHERE SHOWN.
  - C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF SOLDER FERRULE.



- 3. A. SLIDE ULTEM DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AGAINST SOLDER FERRULE AS SHOWN.
  - B. SOLDER CONTACT FLUSH AGAINST STOP TO DIMENSION SHOWN.



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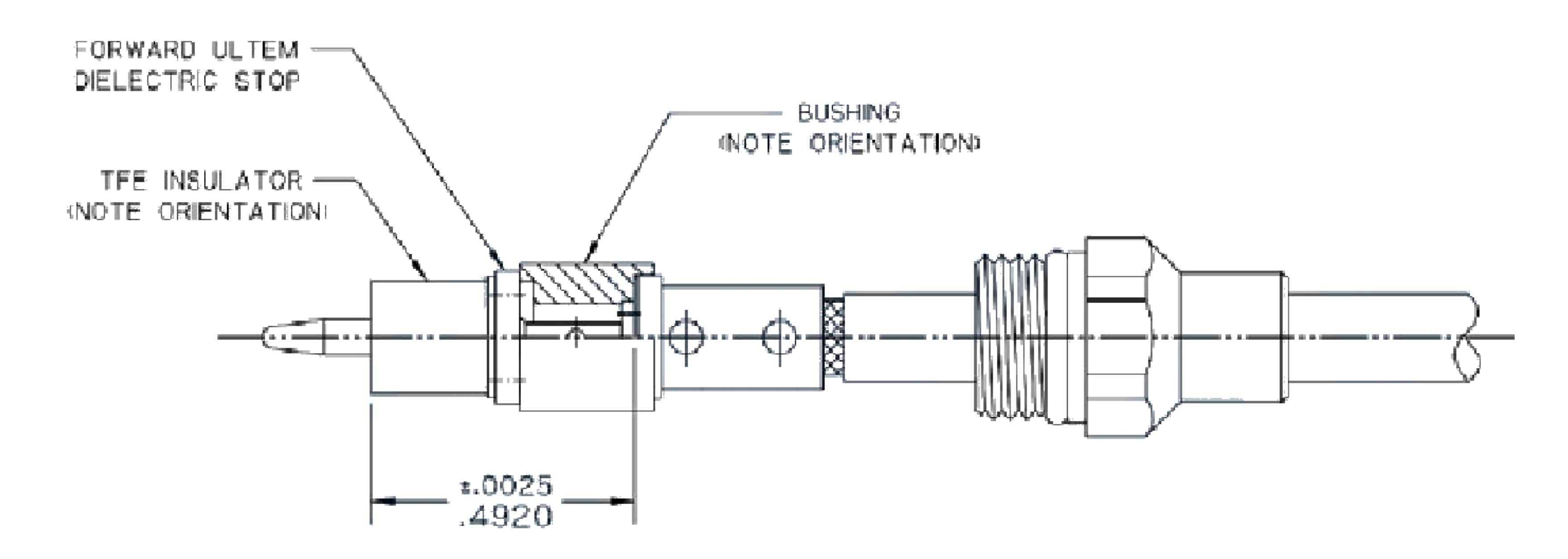


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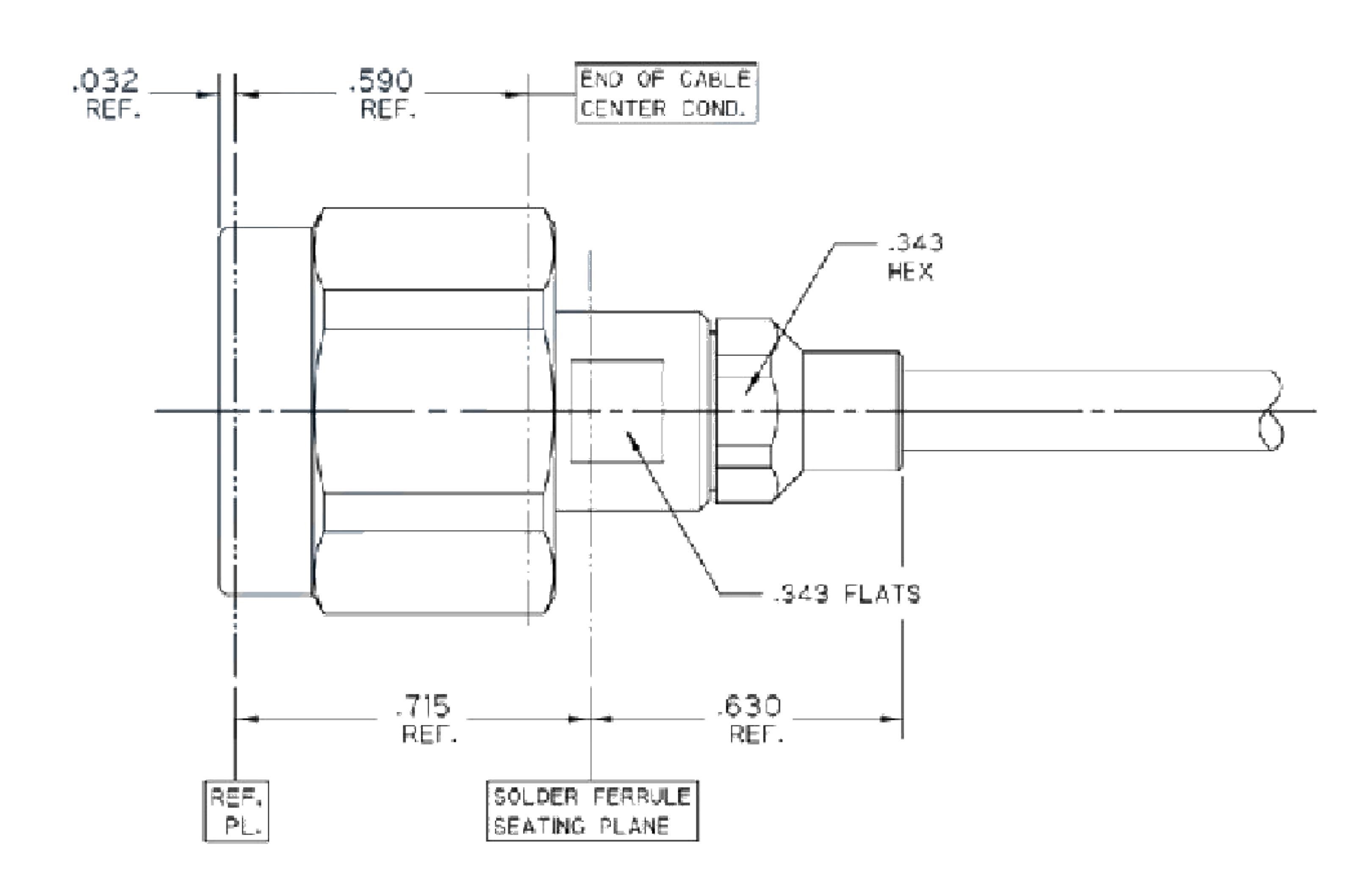
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4. SLIDE BUSHING, FORWARD ULTEM STOP & FORWARD TEFLON INSULATOR OVER CONTACT AS SHOWN.

(NOTE: ORIENT BUSHING WITH LARGER DIAMETER C'BORE TOWARD SOLDER FERRULE. ORIENT FORWARD TFE INSULATOR WITH SHOULDER TOWARD STOP).



5. INSERT CABLE/CONTACT SUB-ASSEMBLY INTO CONNECTOR UNTIL SEATED AND TIGHTEN CLAMP NUT TO 35-45 IN-LBS..



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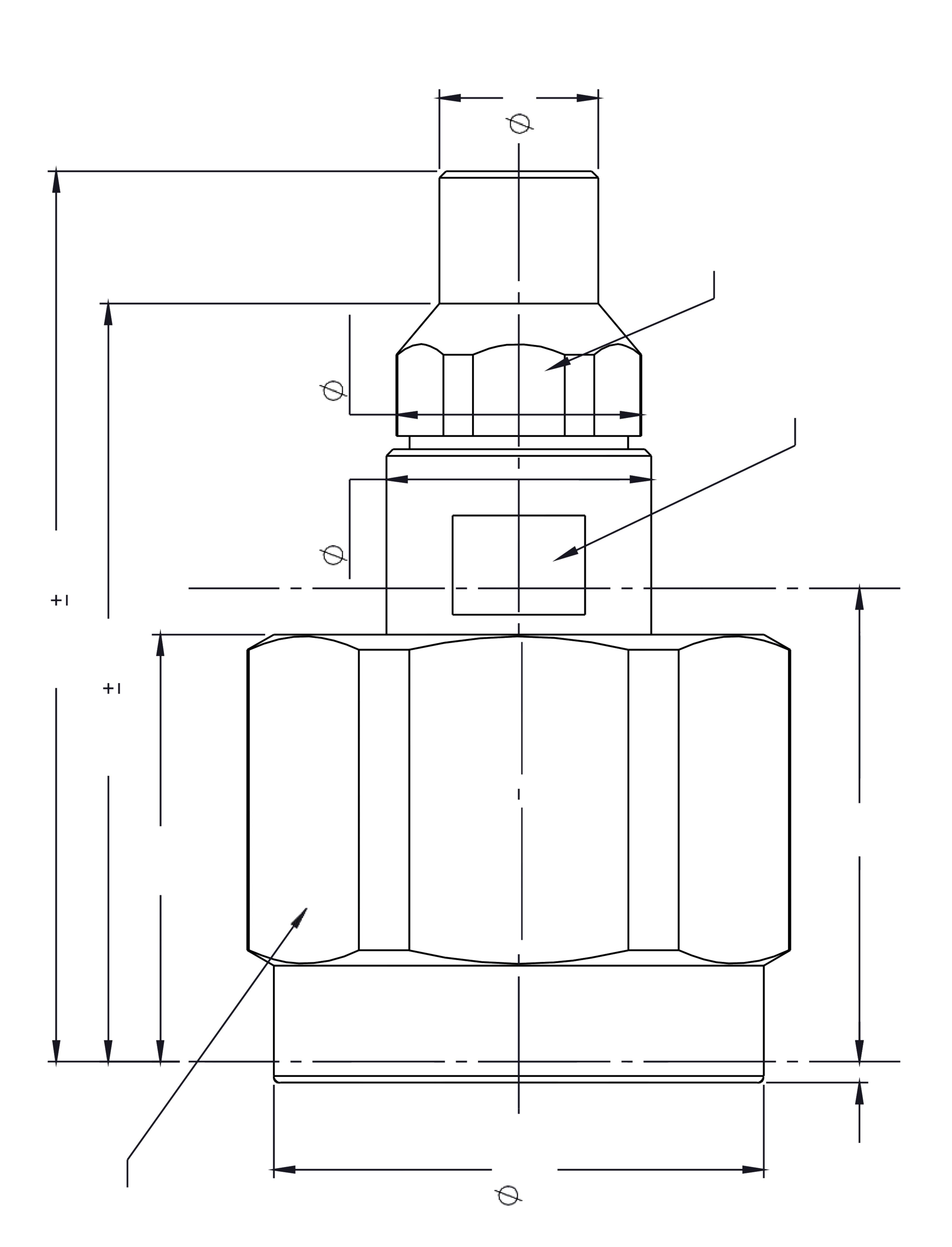
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N Male Connector Clamp/Solder Attachment for ET-P160LL from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Male Connector Clamp/Solder Attachment for ET-P160LL ET10988

URL: https://www.ebeestock.com/n-male-connector-clamp-solder-attachment-for-pe-p160ll-0010988

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.



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