



RF Connectors Technical Data Sheet

ET11775

Configuration

- TNC Male Connector
- 50 Ohms

Features

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

- Straight Body Geometry
- Connector Interface Types: ET-P160LL
- Gold Plated Beryllium Copper Contact
- Contact plating according to ASTM-B488

Applications

General Purpose Test

Custom Cable Assemblies

Description

Ebeestock's ET11775 TNC male connector with clamp/solder attachment for ET-P160LL is part of our full line of RF components available for same-day shipping. Our TNC male connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.16:1.

Our TNC male connector ET11775 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

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.16:1	
Dielectric Withstanding Voltage (AC)			1,500	Vrms

Electrical Specification Notes: Insertion Loss is 0.04*SQRT(Freq GHz)

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: TNC Male Connector Clamp/Solder Attachment for ET-P160LL ET11775





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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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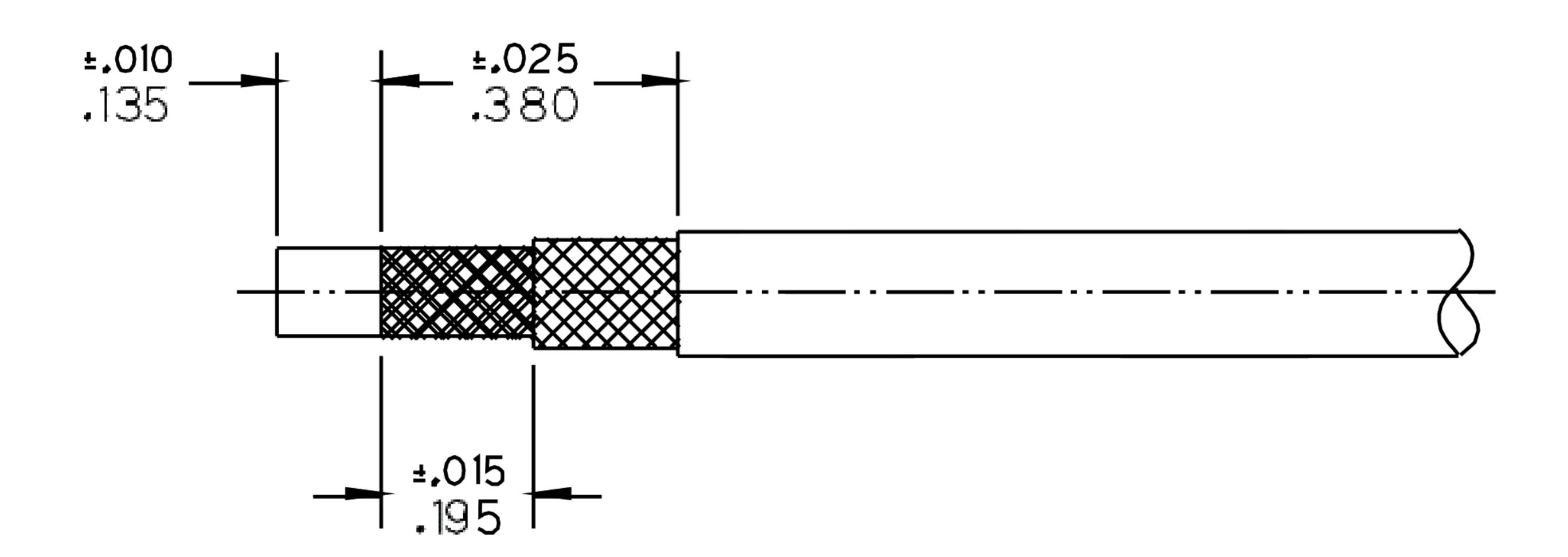


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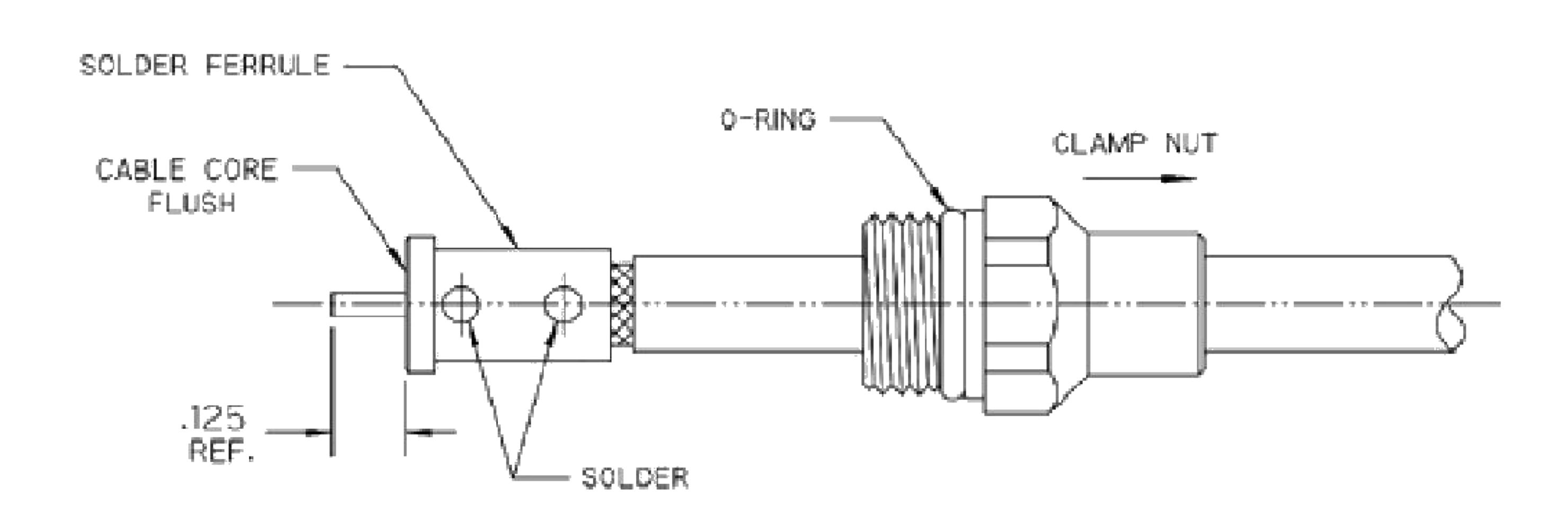
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Assembly Instruction

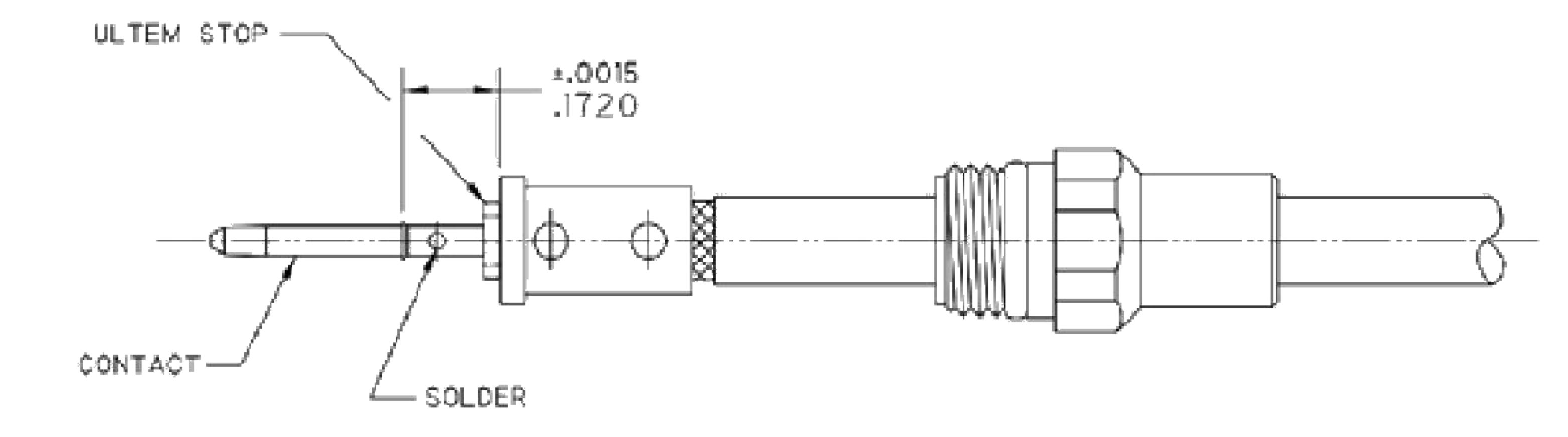
1. TRIM CABLE TO EXPOSE DIELECTRIC AND BRAIDS AS SHOWN.



- 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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8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



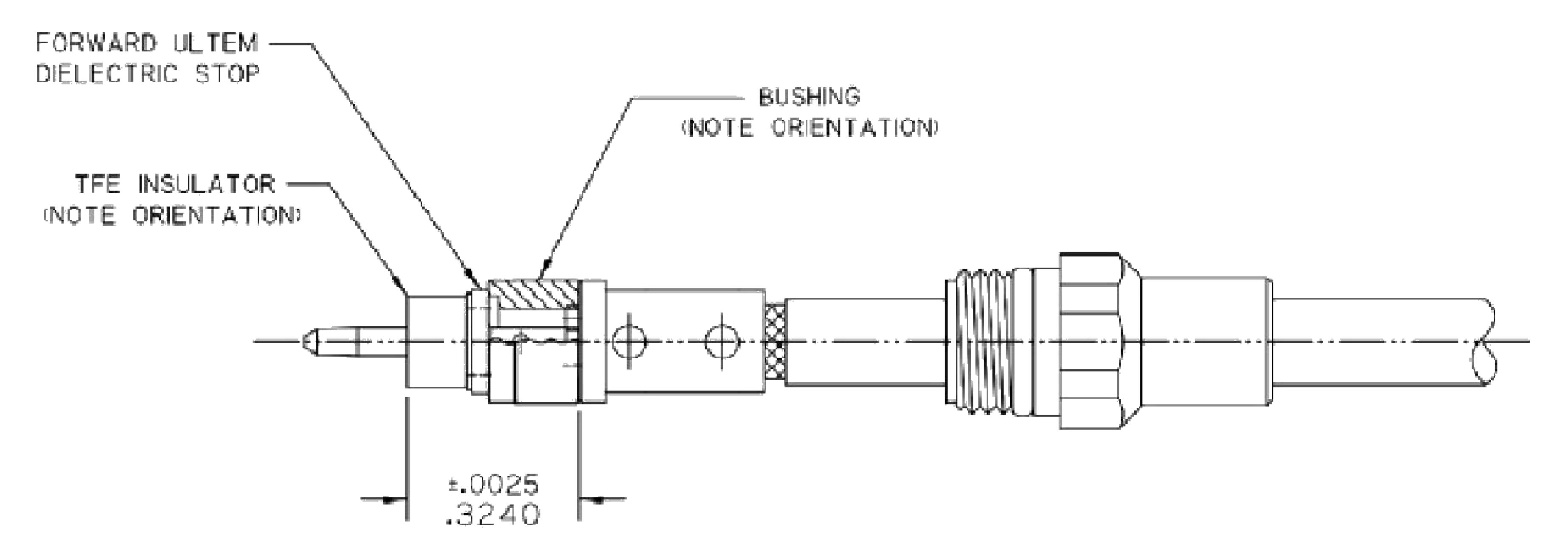


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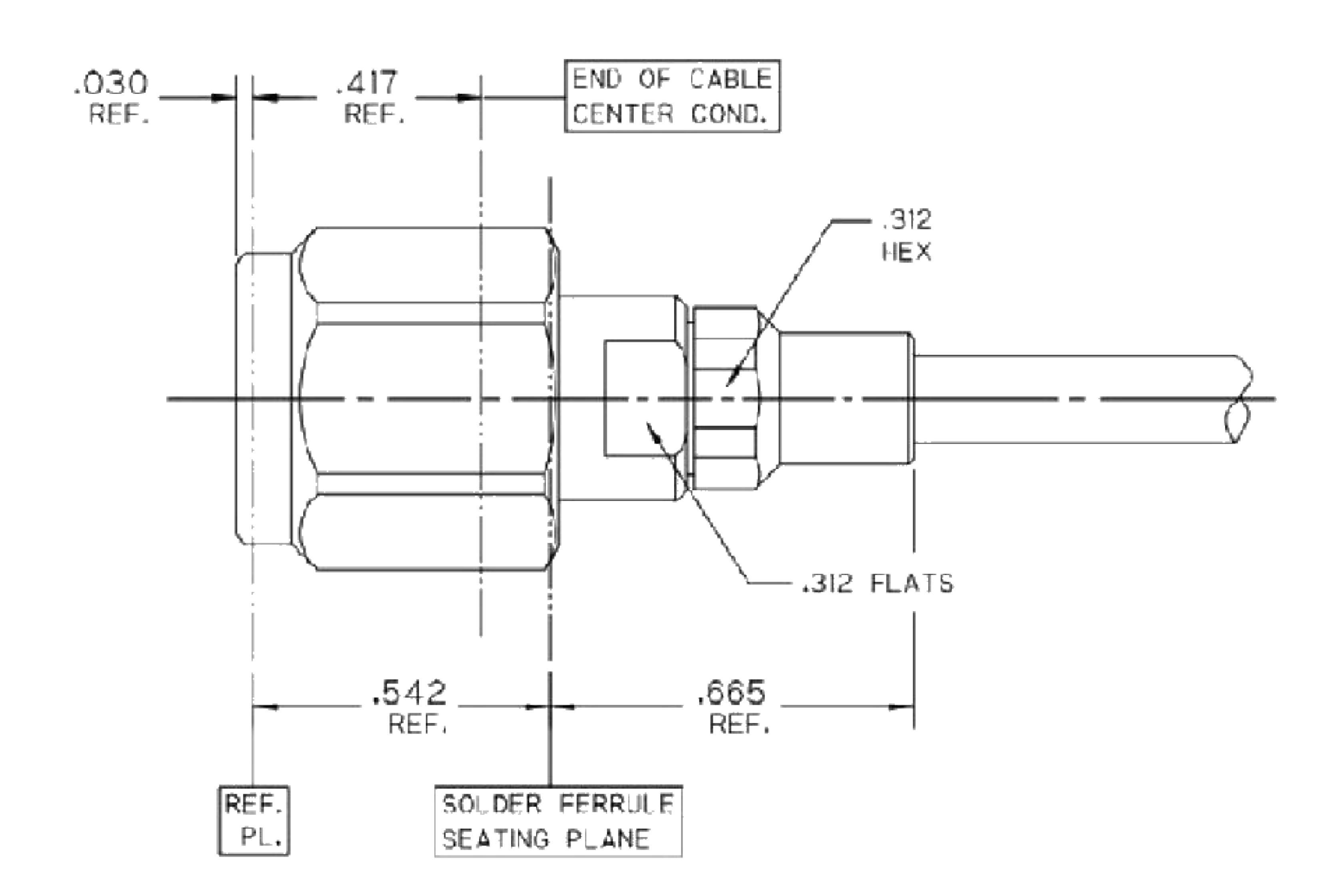
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4. SLIDE BUSHING, FORWARD ULTEM STOP & FORWARD TEFLONINSULATOR OVER CONTACT AS SHOWN.

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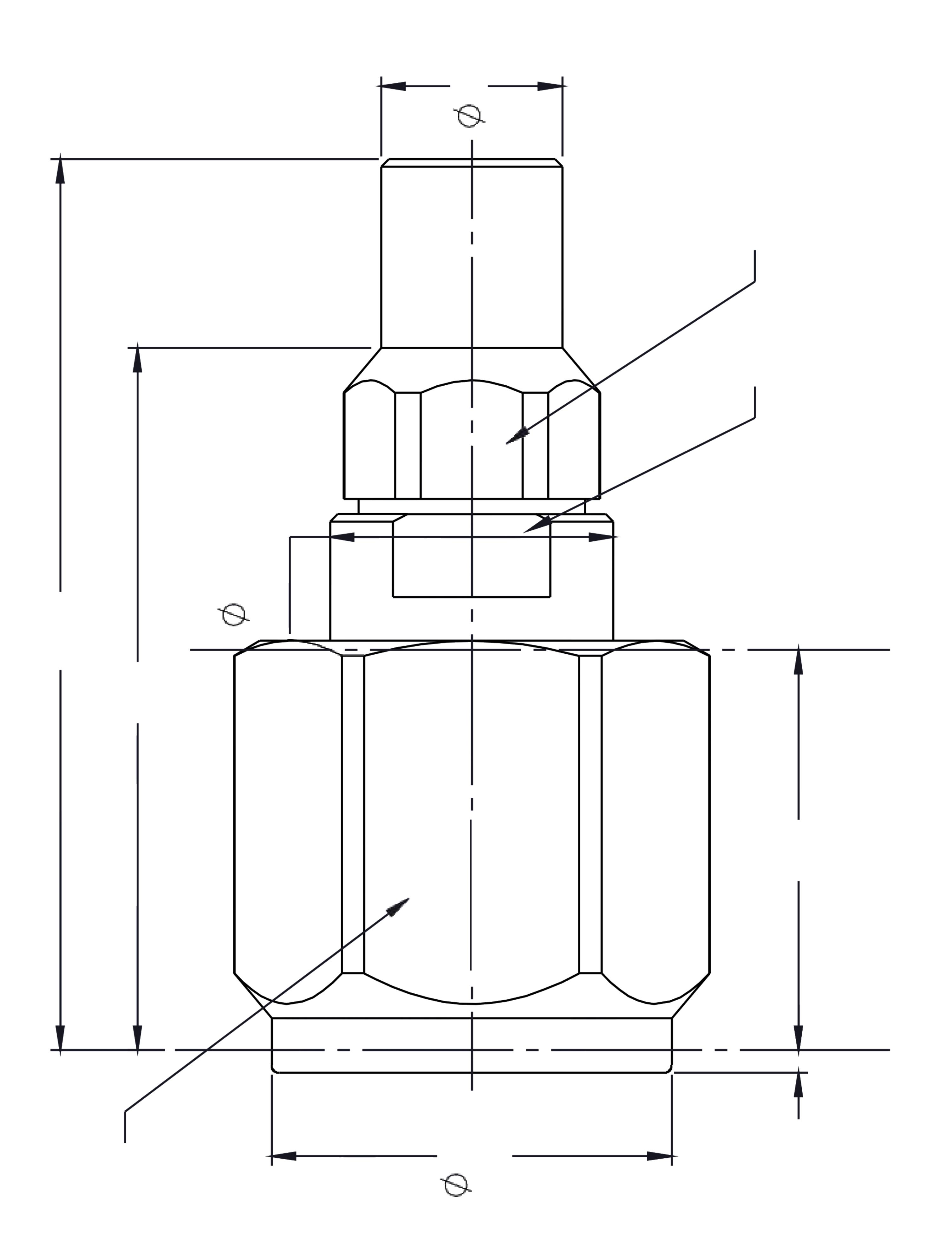
TNC Male Connector Clamp/Solder Attachment for ET-P160LL from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: https://www.ebeestock.com/tnc-male-connector-clamp-solder-attachment-for-pe-p160ll-0011775

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