

TNC Male Connector Clamp/Solder Attachment for ET-RG213, ET-RG214, ET-RG8, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-ET-RG144, ET-RG215, ET-RG2



RF Connectors Technical Data Sheet

ET11683

Configuration

- Standard TNC Male Standard Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry

- ET-RG213, ET-RG214, ET-RG8, ET-RG9, ET-RG11, ET-RG225, ET-RG393,
- ET-RG144, ET-RG215, ET-RG216 Interface Type
- Clamp/Solder Attachment

Gold Plated Brass Contact

• 30 µin minimum contact plating

Features

- Max. Operating Frequency 11 GHz
- Good VSWR of 1.3:1
- Applications
 - General Purpose Test
- Custom Cable Assemblies

Description

Ebeestock's ET11683 TNC male connector with clamp/solder attachment for ET-RG213, ET-RG214, ET-RG8, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-RG144, ET-RG215 and ET-RG216 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 11 GHz and offers good VSWR of 1.3:1.

Our TNC male connector ET11683 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

Frequency Range	DC	11	GHz
VSWR		1.3:1	
Operating Voltage (AC)		500	Vrms
Dielectric Withstanding Voltage (AC)		1,500	Vrms
Inner Conductor DC Resistance		1.5	mOhms
Outer Conductor DC Resistance		0.5	mOhms
Insulation Resistance	5,000		MOhms

Electrical Specification Notes: RF leakage: 60 dB min at 3 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-RG213, ET-RG214, ET-RG8,

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



TNC Male Connector Clamp/Solder Attachment for ET-RG213, ET-RG214, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-ET-RG144, ET-RG215, ET-RG2^{*}



RF ConnectorsET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-RG144, ET-RG215, ET-RG216 ET11683



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Mechanical Specifications

Size

 Length
 1.7 in [43.18 mm]

 Width/Dia.
 0.75 in [19.05 mm]

 Weight
 0.1 lbs [45.36 g]

 Mating Cycles
 500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Vibration MIL-STD-202, Method 204, Condition B
Temperature Cycle MIL-STD-202, Method 107, Condition B
Salt Spray MIL-STD-202, Method 101, Condition B

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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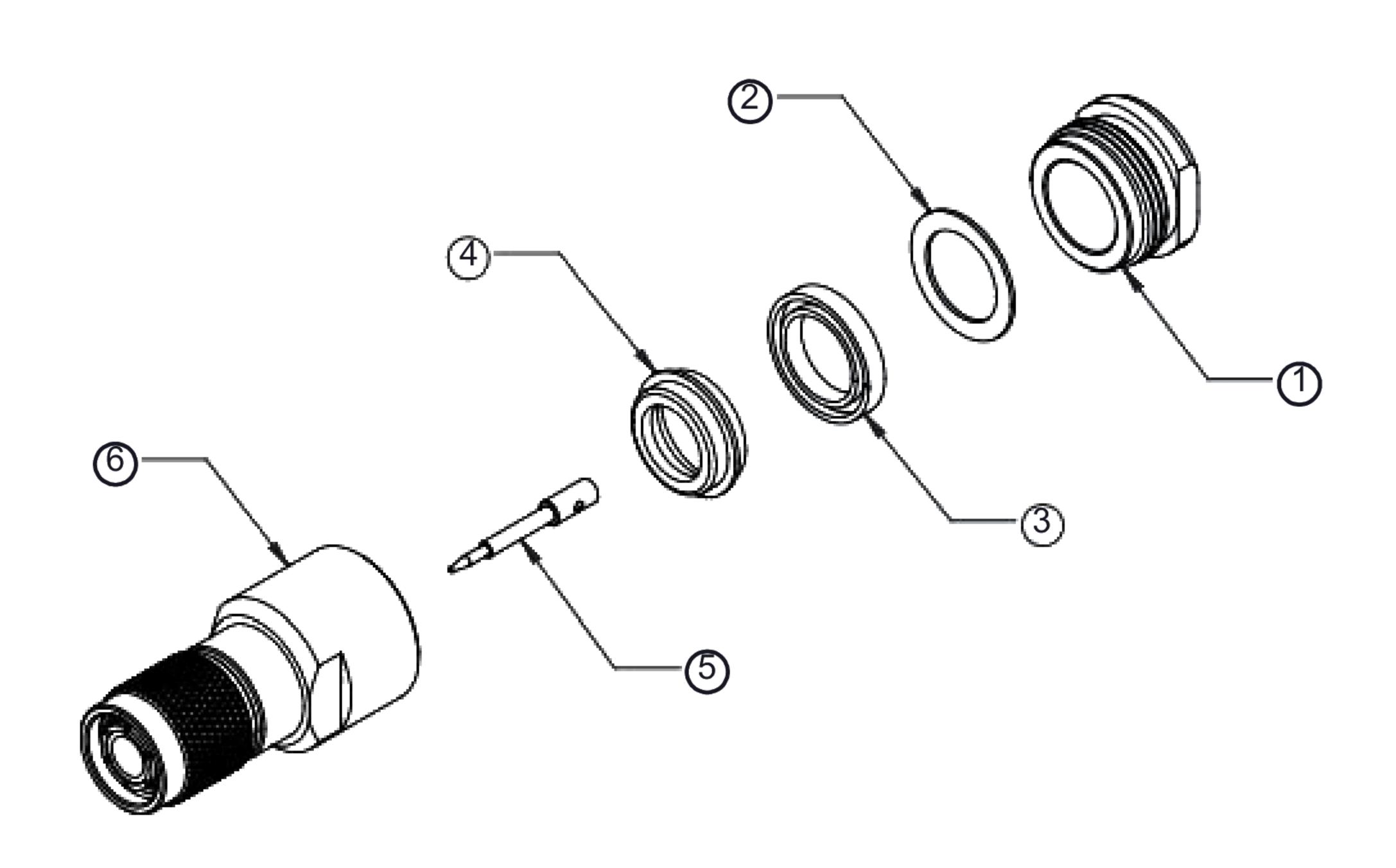
TNC Male Connector Clamp/Solder Attachment for ET-RG213, ET-RG214, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-ET-RG144, ET-RG215, ET-RG2^{*}



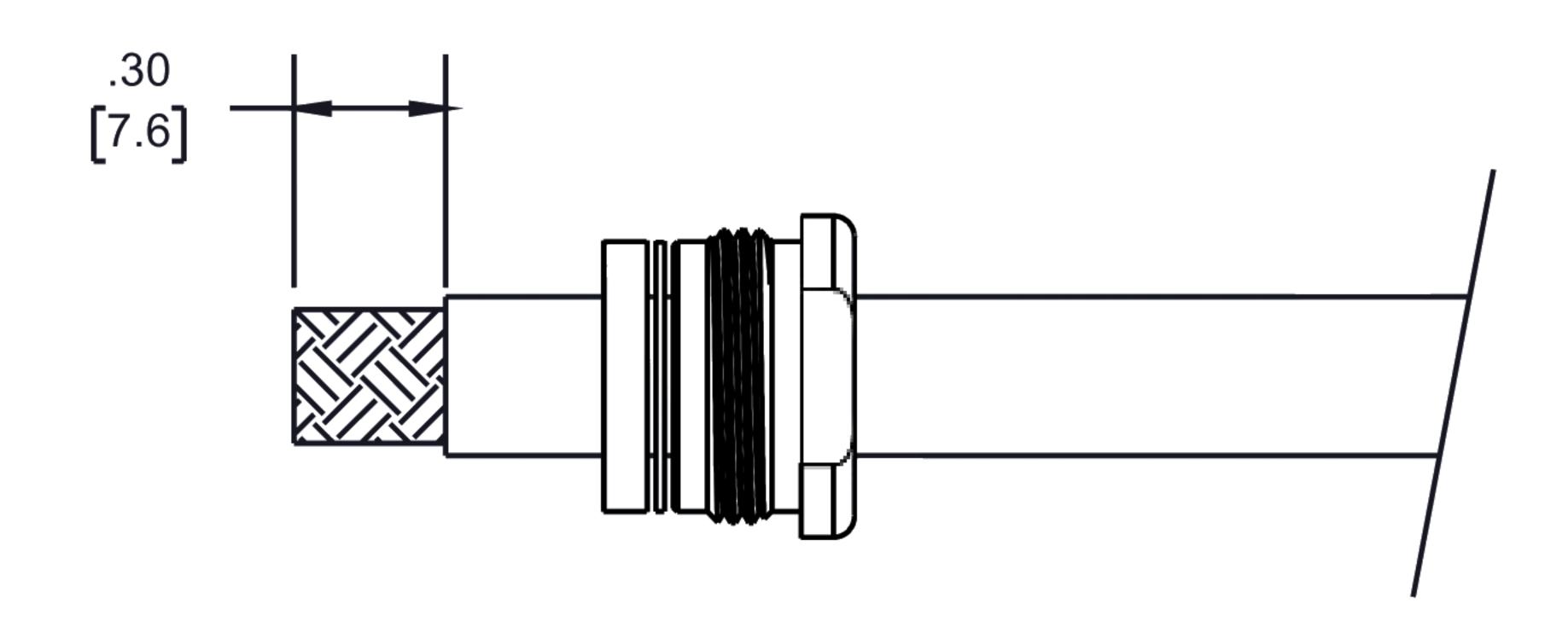
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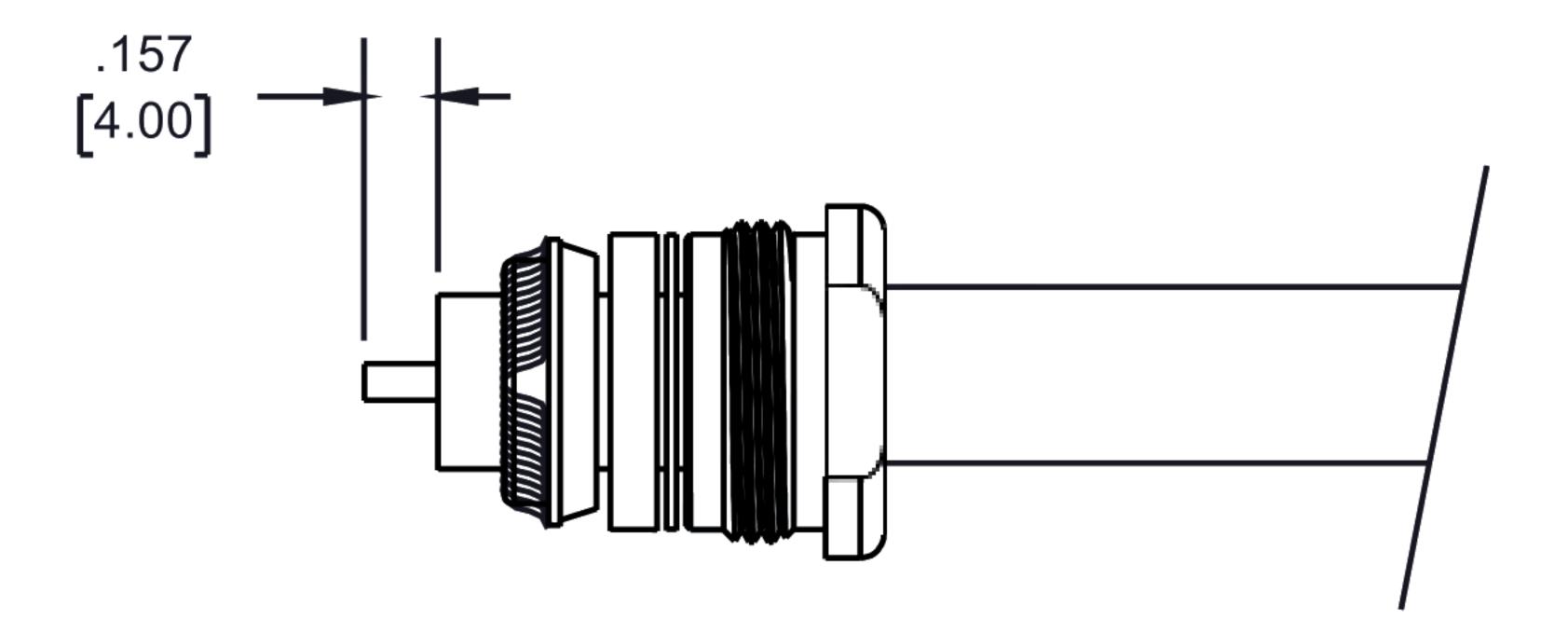
Assembly Instruction



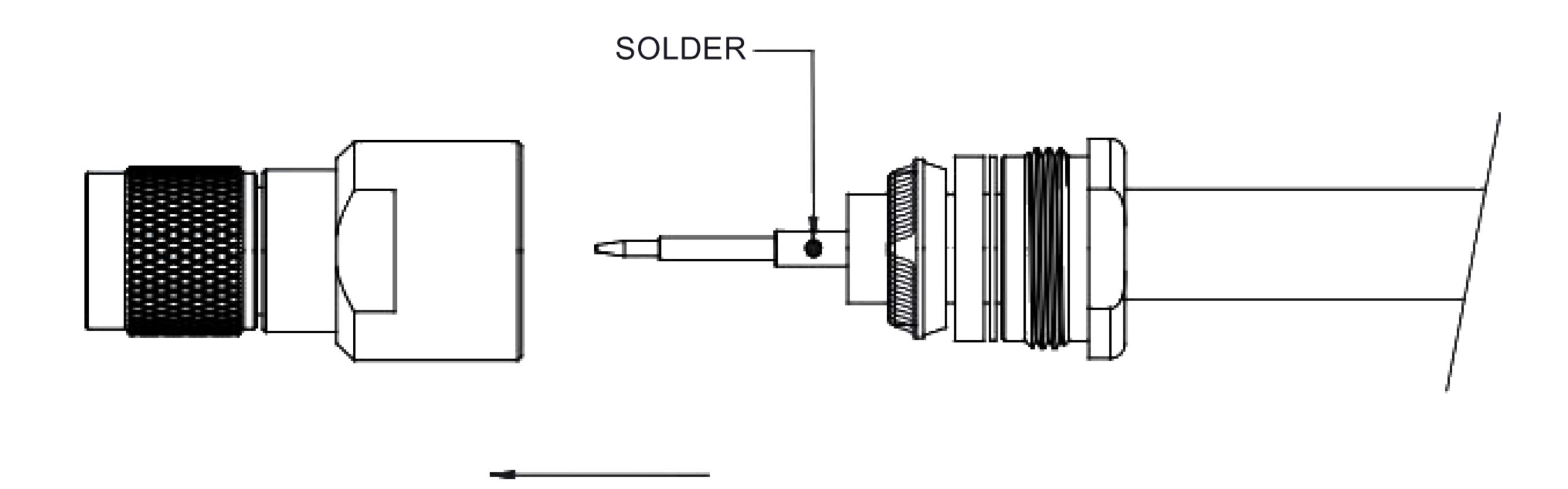
1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



2. SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR.



3. SOLDER CONTACT (5) TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY (6) & TIGHTEN.



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TNC Male Connector Clamp/Solder Attachment for ET-RG213, ET-RG214, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-RG144, ET-RG215, ET-RG216 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-rg213-rg214-rg8-rg9-rg11-rg225-rg393-rg144-rg215-rg216-0011683

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