

SMA Female Connector Clamp/Solder Attachment for ET-RG55, ET

-RG58, ET-ET-RG141, ET-ET-RG142, ET-RG223, ET-RG303, ET-RG400, ET-C195, ET-P195, E1



# RF Connectors Technical Data Sheet

### ET11117

## Configuration

- SMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry

- ET-RG55, ET-RG58, ET-RG141, ET-RG142, ET-RG223, ET-RG303, ET-RG400, ET-C195, ET-P195, ET38380 Interface Type
- Clamp/Solder Attachment

### Features

Gold Plated Contact

Contact plating according to MIL-G-45204

## Applications

General Purpose Test

Custom Cable Assemblies

### Description

Ebeestock's ET11117 SMA female connector with clamp/solder attachment for ET-RG55, ET-RG58, ET-RG141, ET-RG142, ET-RG223, ET-RG303, ET-RG400, ET-C195, ET-P195 and ET38380 is part of our full line of RF components available for same-day shipping.

Our SMA female connector ET11117 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.

### Mechanical Specifications

Size

 Length
 0.705 in [17.91 mm]

 Width/Dia.
 0.312 in [7.92 mm]

 Weight
 0.009 lbs [4.08 g]

### Material Specifications

| Description | Material | Plating                        |
|-------------|----------|--------------------------------|
| Contact     |          | Gold<br><del>MIL-G-45204</del> |
| Insulation  | PTFE     |                                |
| Body        | Brass    | Nickel<br>QQ-N-290             |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female Connector Clamp/Solder Attachment for ET-RG55, ET-RG58, ET-RG141, ET-

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





**RF Connectors**RG142, ET-RG223, ET-RG303, ET-RG400, ET-C195, ET-P195, ET38380 ET11117





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**Environmental Specifications** 

Compliance Certifications (see product page for current document)

Plotted and Other Data

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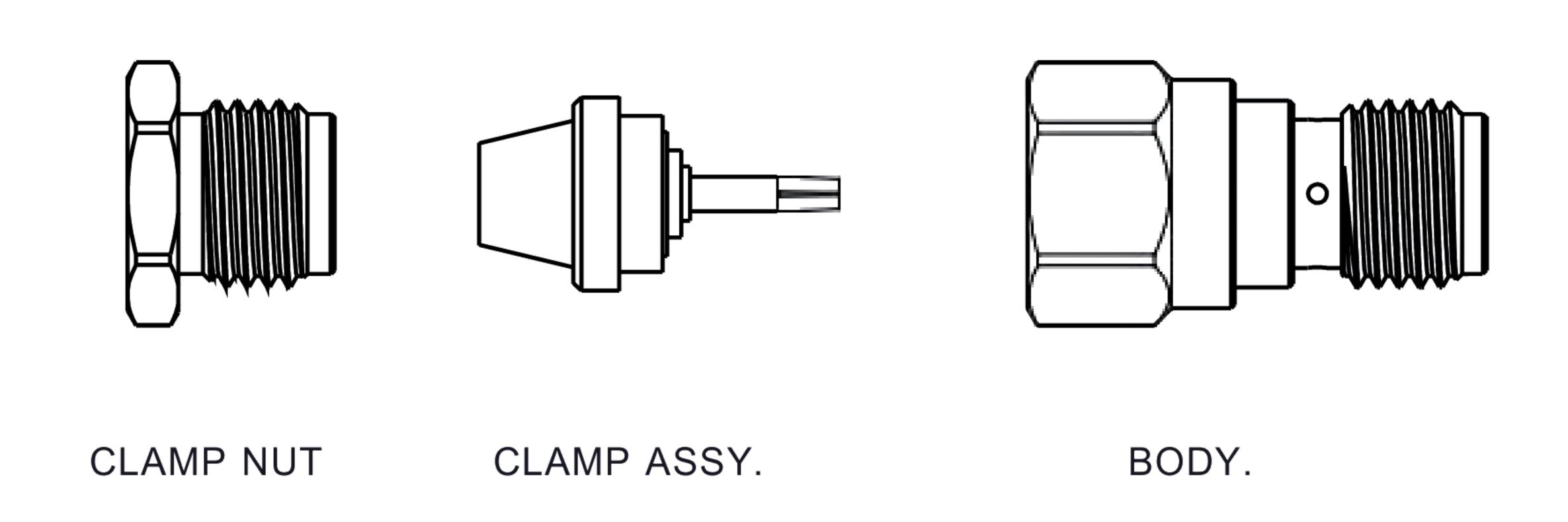




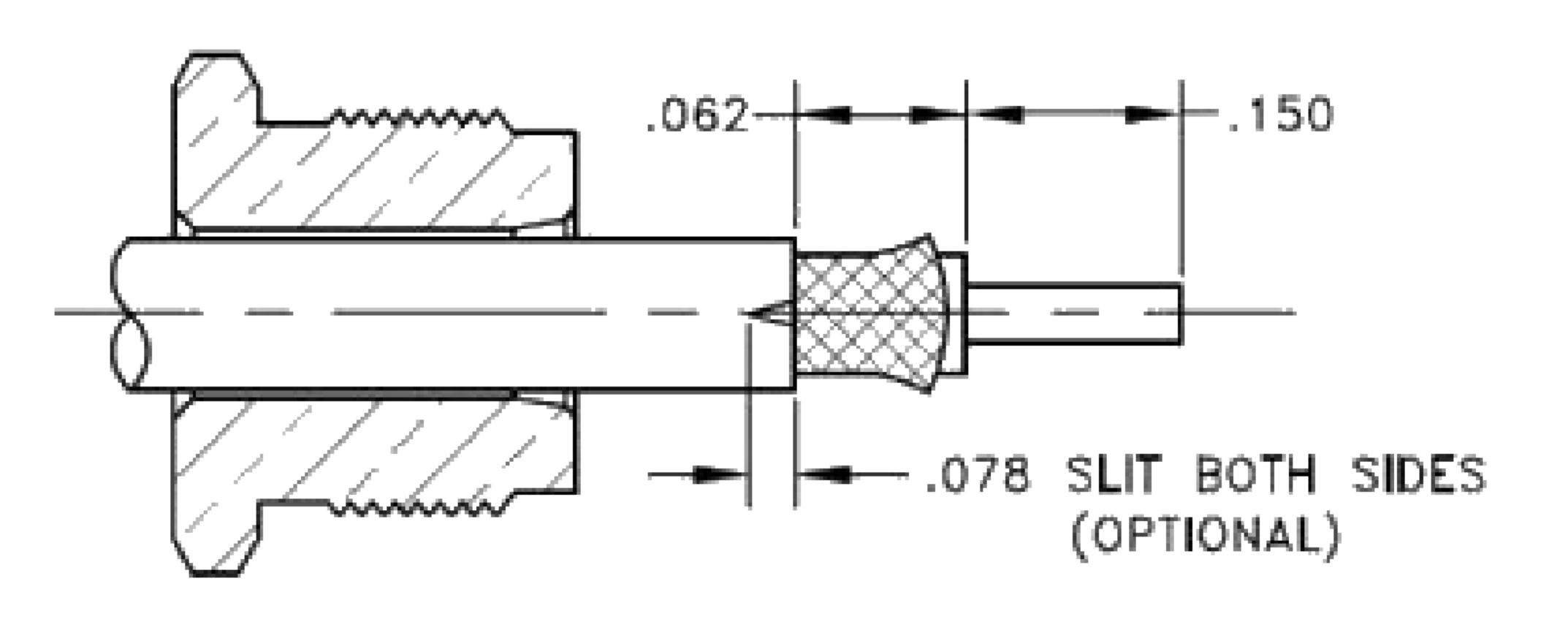
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## ET11117

### **Assembly Instruction**

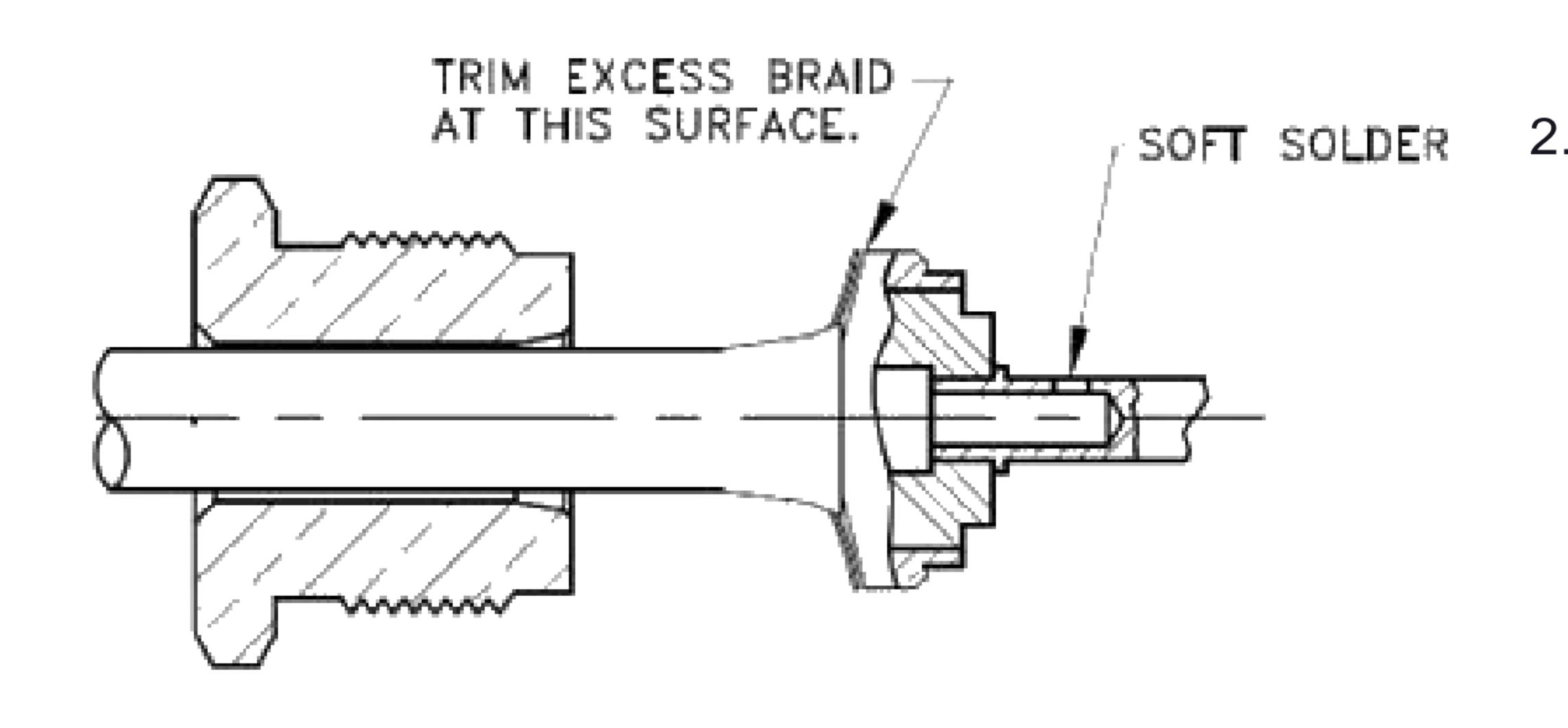


#### CABLE ASSEMBLY INSTRUCTIONS.

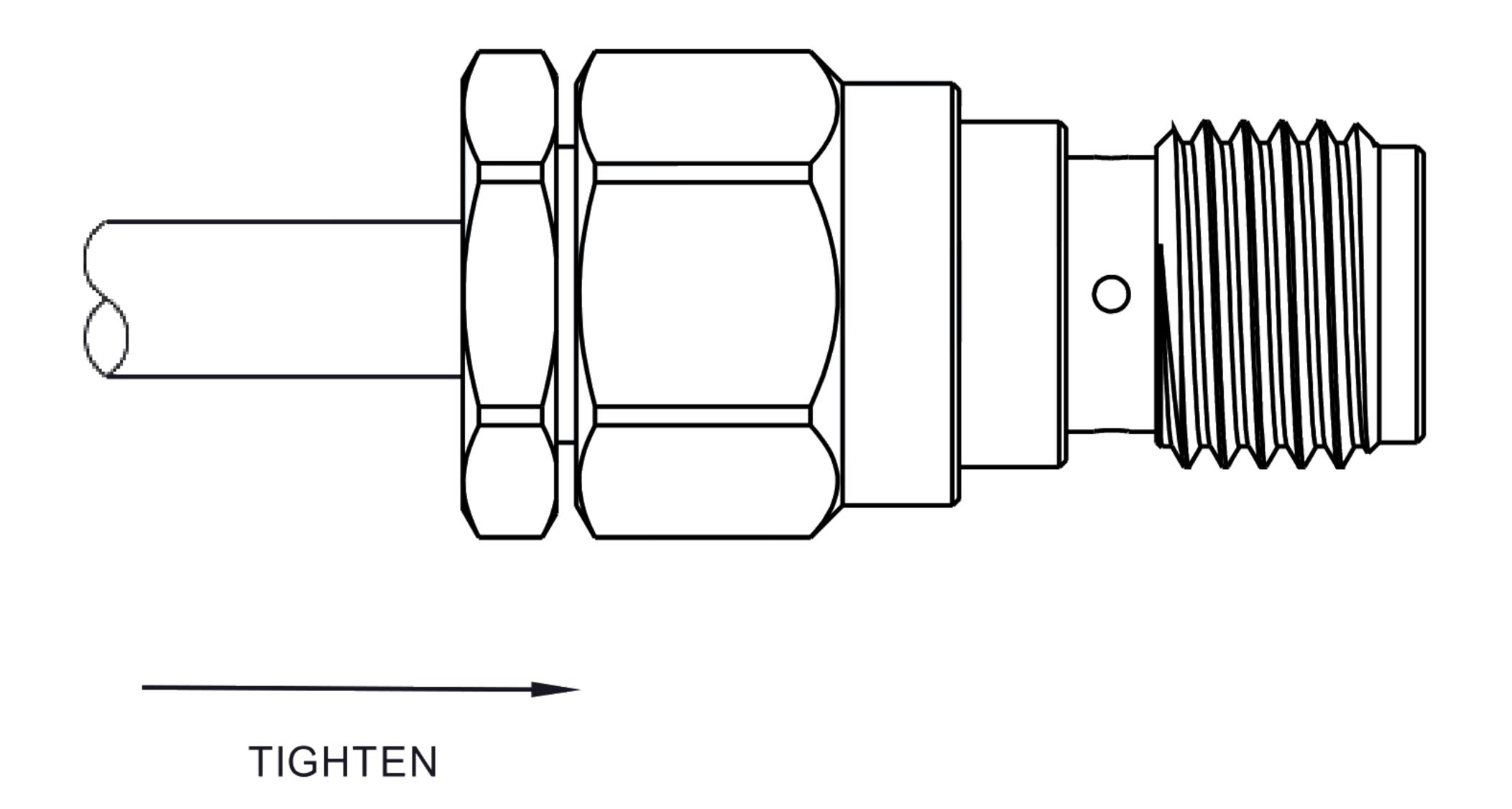


1. SLIDE NUT ONTO CABLE AS SHOWN. CUT CABLE SQUARE.
TRIM CABLE TO DIMENSIONS SHOWN BEING CAREFUL NOT
TO NICK THE BRAID OR CENTER CONDUCTOR. ROTATE
DIELECTRIC TO FLARE BRAID.

NOTE: TWO SLITS IN THE JACKET 180 APART AS SHOWN MAY BE NEEDED TO PRESS JACKET TO SHOULDER.



SLIDE CLAMP ASSY OVER DIELECTRIC AND UNDER BRAID UNTIL THE DIELECTRIC BOTTOMS OUT IN CLAMP AND THE CENTER CONDUCTOR IS VISIBLE INSIDE HOLE OF CONTACT. SOLDER THE CONTACT ONTO THE CENTER CONDUCTOR. DO NOT OVERHEAT!.



3. INSERT THE ASSEMBLY INTO THE REAR BODY. HOLD THE NUT STATIONARY AND TIGHTEN THE BODY TO 15 IN LBS.

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**URL:** https://www.ebeestock.com/sma-female-connector-clamp-solder-attachment-for-rg55-rg58-rg141 -rg142-rg223-rg303-rg400-pe-c195-pe-p195-lmr-195-0011117

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.

