



RF Connectors Technical Data Sheet

ET11680

Configuration

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

 Connector Interface Types: ET-RG58, ET-RG55, ET-RG141, ET-RG142, ET-RG223, ET-RG400, ET-RG303, ET-C195, ET-P195, ET38380

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.5:1

Gold Plated Brass Contact

Applications

General Purpose Test

Custom Cable Assemblies

Description

Ebeestock's ET11680 TNC male connector with clamp/solder attachment for ET-RG58, ET-RG55, ET-RG141, ET-RG142, ET-RG223, ET-RG400, ET-RG303, ET-C195, ET-P195 and ET38380 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 6 GHz and offers good VSWR of 1.5:1.

Our TNC male connector ET11680 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	6	GHz
VSWR		1.5:1	
Operating Voltage (AC)		500	Vrms

Mechanical Specifications

Size

 Length
 1.06 in [26.92 mm]

 Width/Dia.
 0.571 in [14.50 mm]

 Weight
 0.046 lbs [20.87 g]

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-RG58, ET-RG55, ET-RG141, ET-

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





RF ConnectorsRG142, ET-RG223, ET-RG400, ET-RG303, ET-C195, ET-P195, ET38380 ET11680





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Material Specifications

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

Mechanical Specification Notes:

When attaching the connector to the cable use a clamp torque value of 26 to 30 in-lbs [2.94 to 3.39 Nm]

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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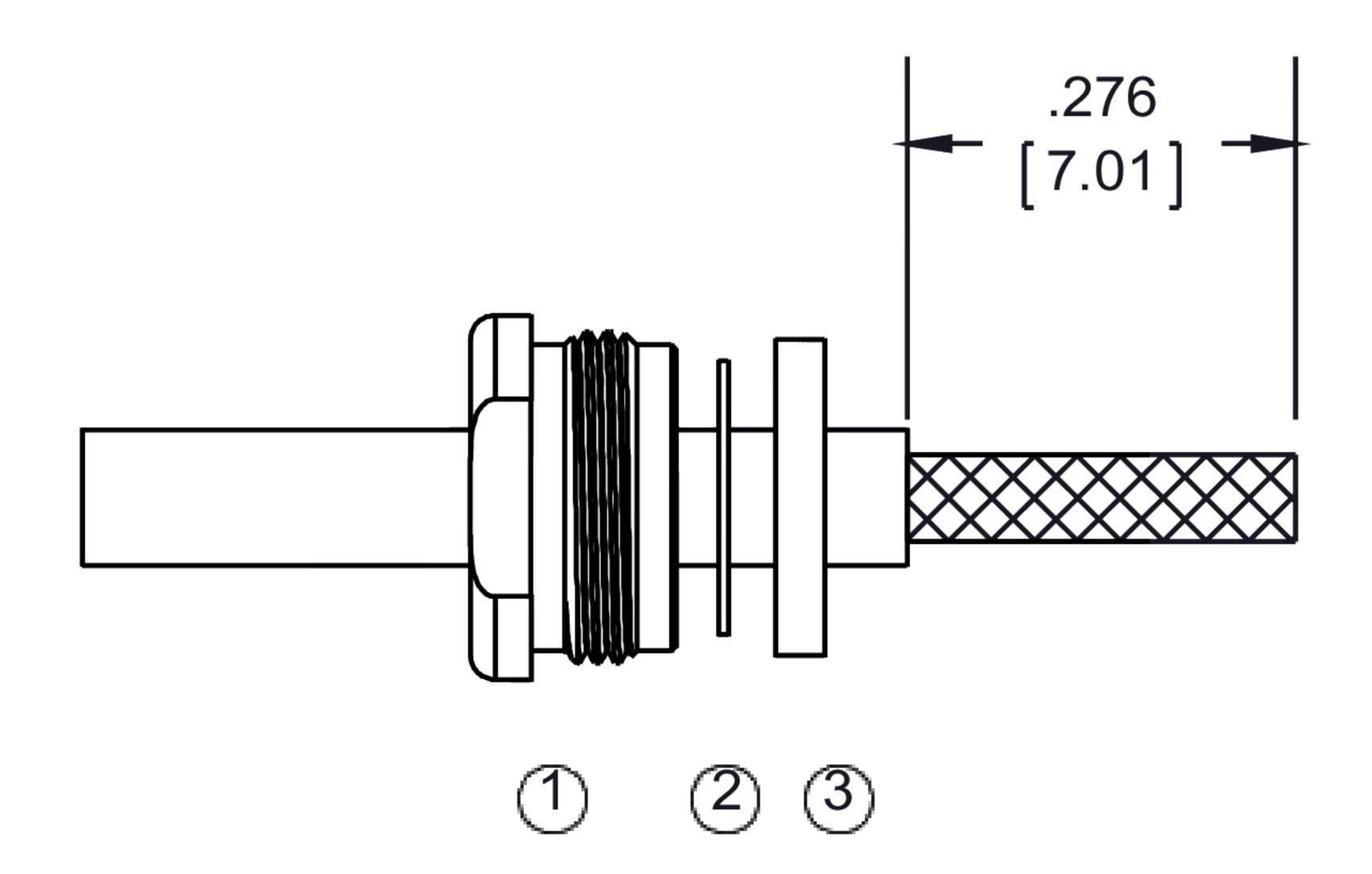
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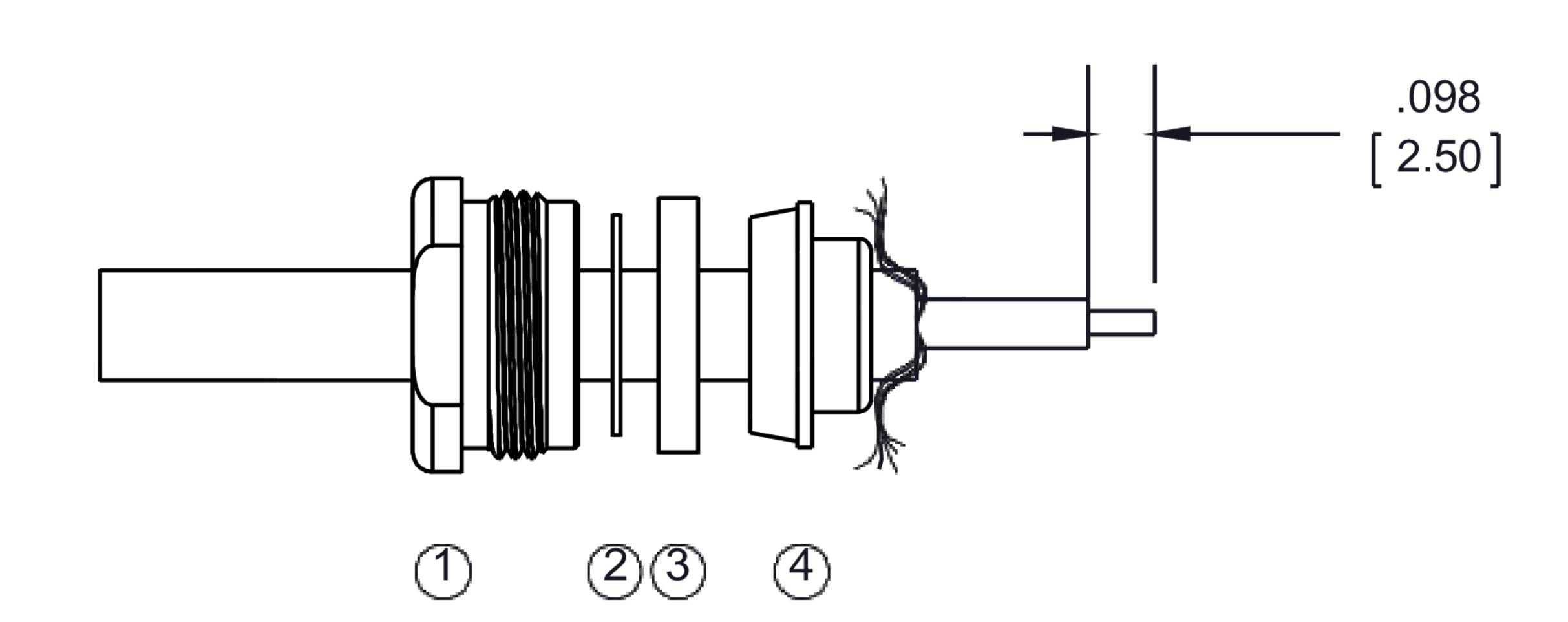
Assembly Instruction

ASSEMBLY PROCEDURES

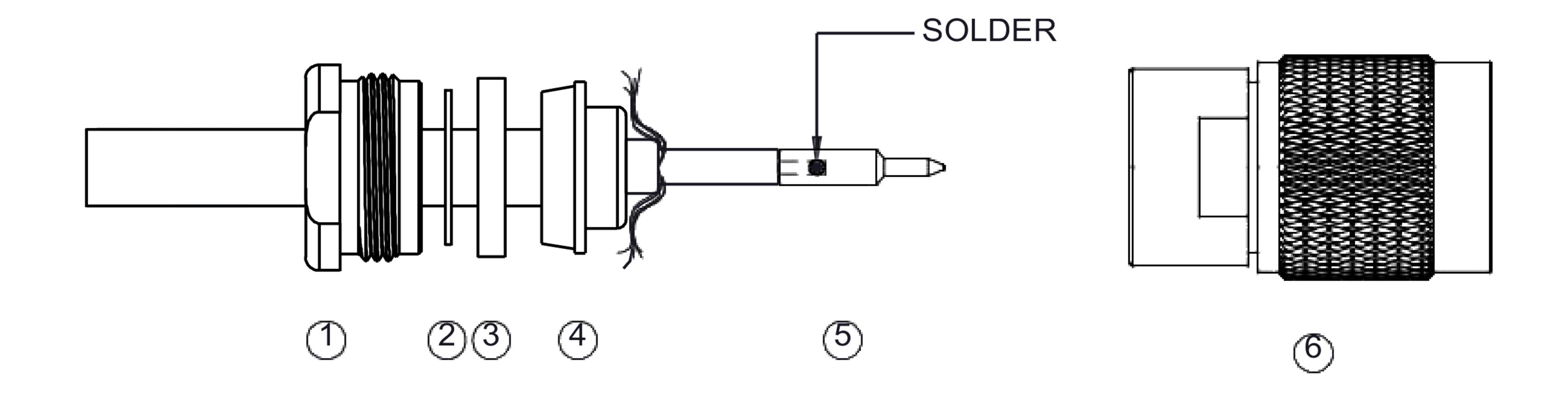
1. SLIDE CLAMP NUT ① THINNER WASHER ② & GASKET ③ OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



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



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



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URL: https://www.ebeestock.com/tnc-male-connector-clamp-solder-attachment-for-rg58-rg55-rg141-rg142-rg223-rg400-rg303-pe-c195-pe-p195-lmr-195-0011680

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.

