



RF Connectors Technical Data Sheet

ET10842

Configuration

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

• Connector Interface Types: ET-RG213, ET-RG214, ET-RG8, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-RG144, ET-RG216, ET-RG215

Features

- Max. Operating Frequency 11 GHz
- Good VSWR of 1.5:1

- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

General Purpose Test

Custom Cable Assemblies

Description

Ebeestock's ET10842 type N male connector with clamp/solder (captive contact) attachment for ET-RG213, ET-RG214, ET-RG8, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-RG144, ET-RG216 and ET-RG215 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 11 GHz and offers good VSWR of 1.5:1.

Our type N male connector ET10842 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		1.5:1	
Operating Voltage (AC)		1,000	Vrms

Mechanical Specifications

Size

 Length
 1.335 in [33.91 mm]

 Width/Dia.
 0.787 in [19.99 mm]

 Weight
 0.114 lbs [51.71 g]

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 (Captive Contact) Attachment for ET-RG213, ET-RG214,





RF ConnectorsET-RG8, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-RG144, ET-RG216, ET-RG215 ET10842





RF Connectors Technical Data Sheet

ET10842

Material Specifications

Description	Material	Plating	
Contact	Brass	Gold 30 µin minimum	
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 60 to 65 in-lbs [6.78 to 7.34 Nm]

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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 (Captive Contact) Attachment for ET-RG213, ET-RG214, ET-RG8, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-RG144, ET-RG216, ET-RG215 ET10842

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

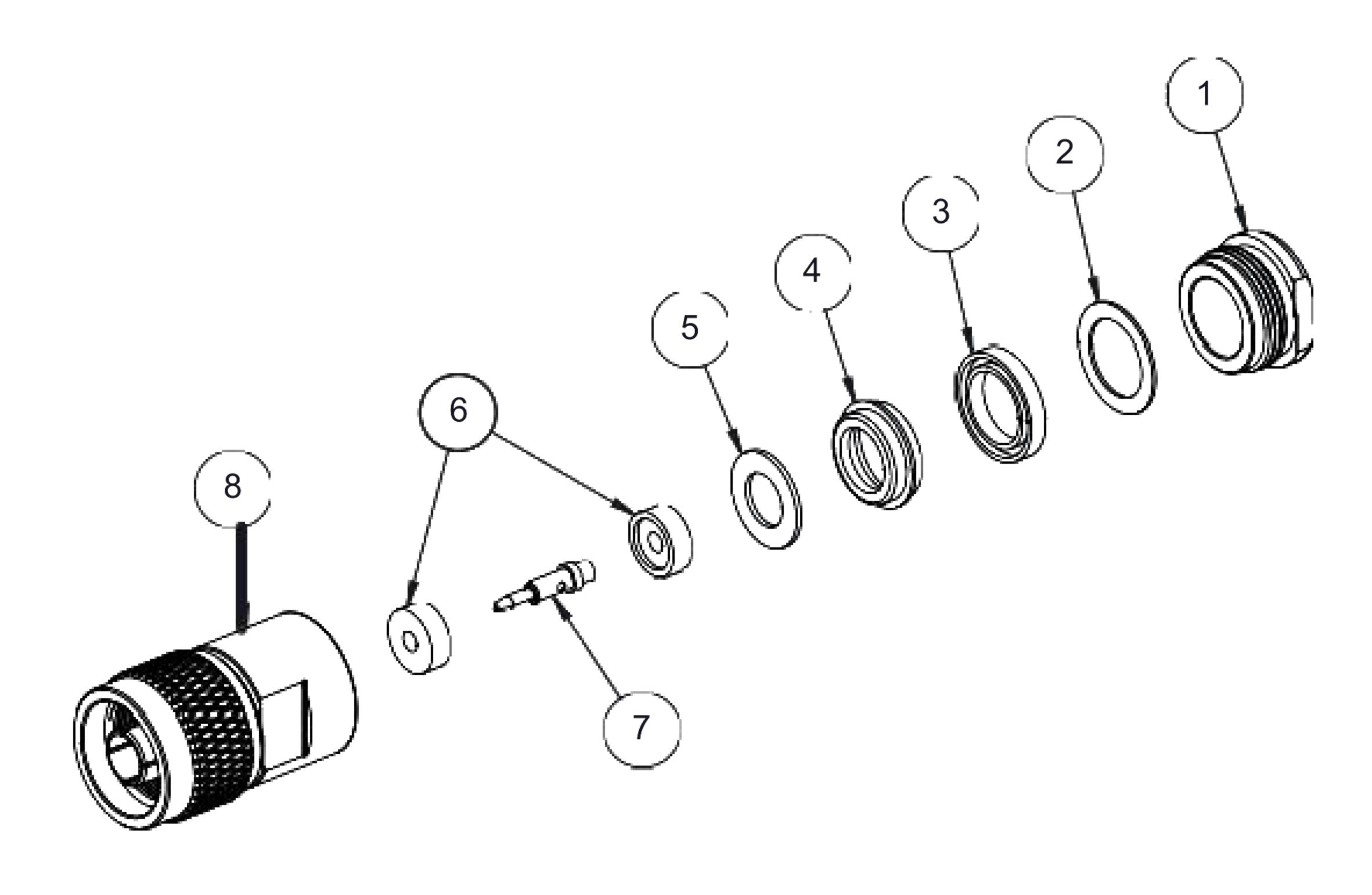




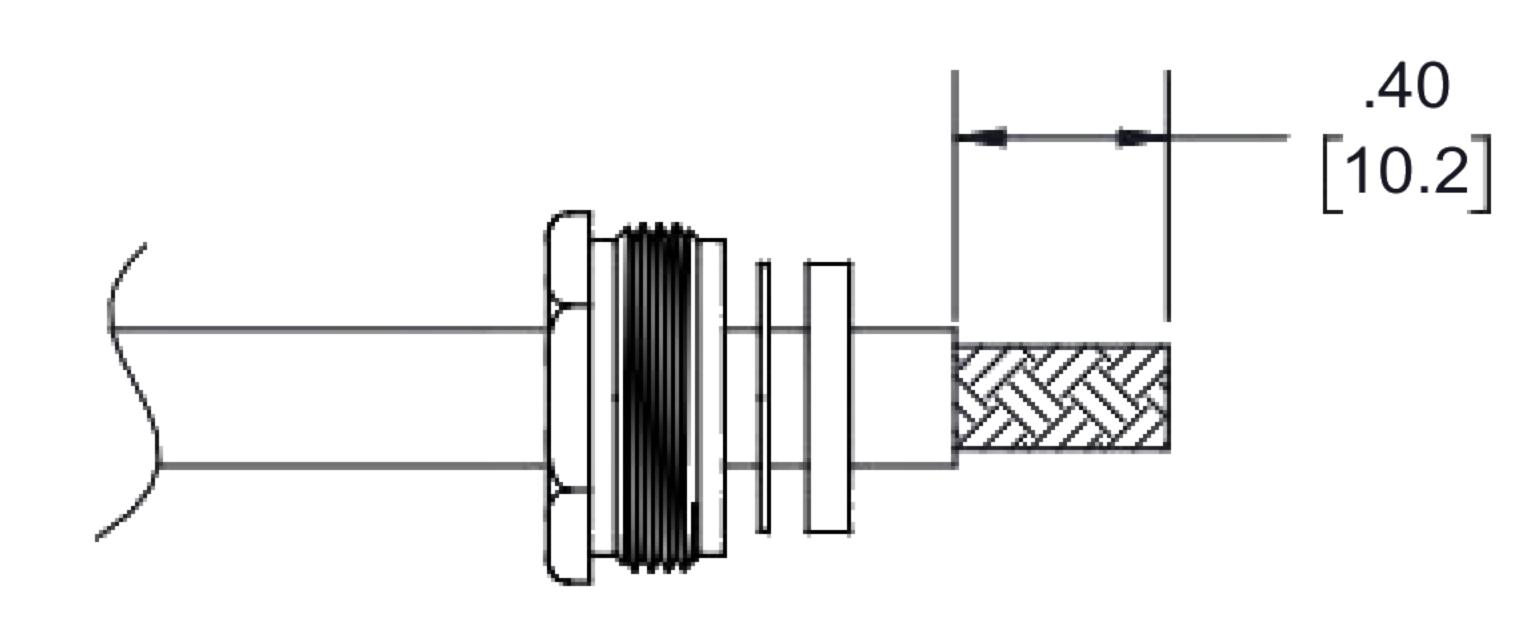
RF Connectors Technical Data Sheet

ET10842

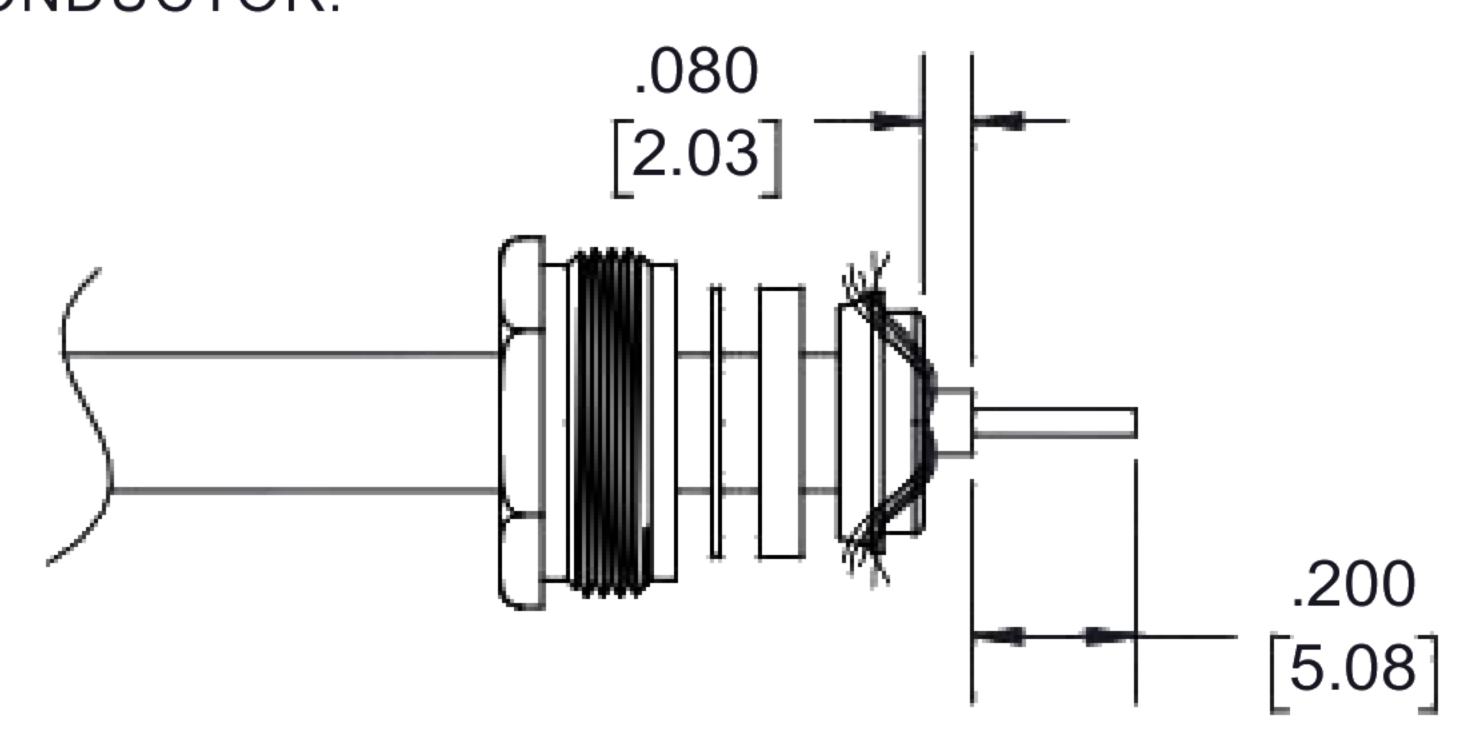
Assembly Instruction



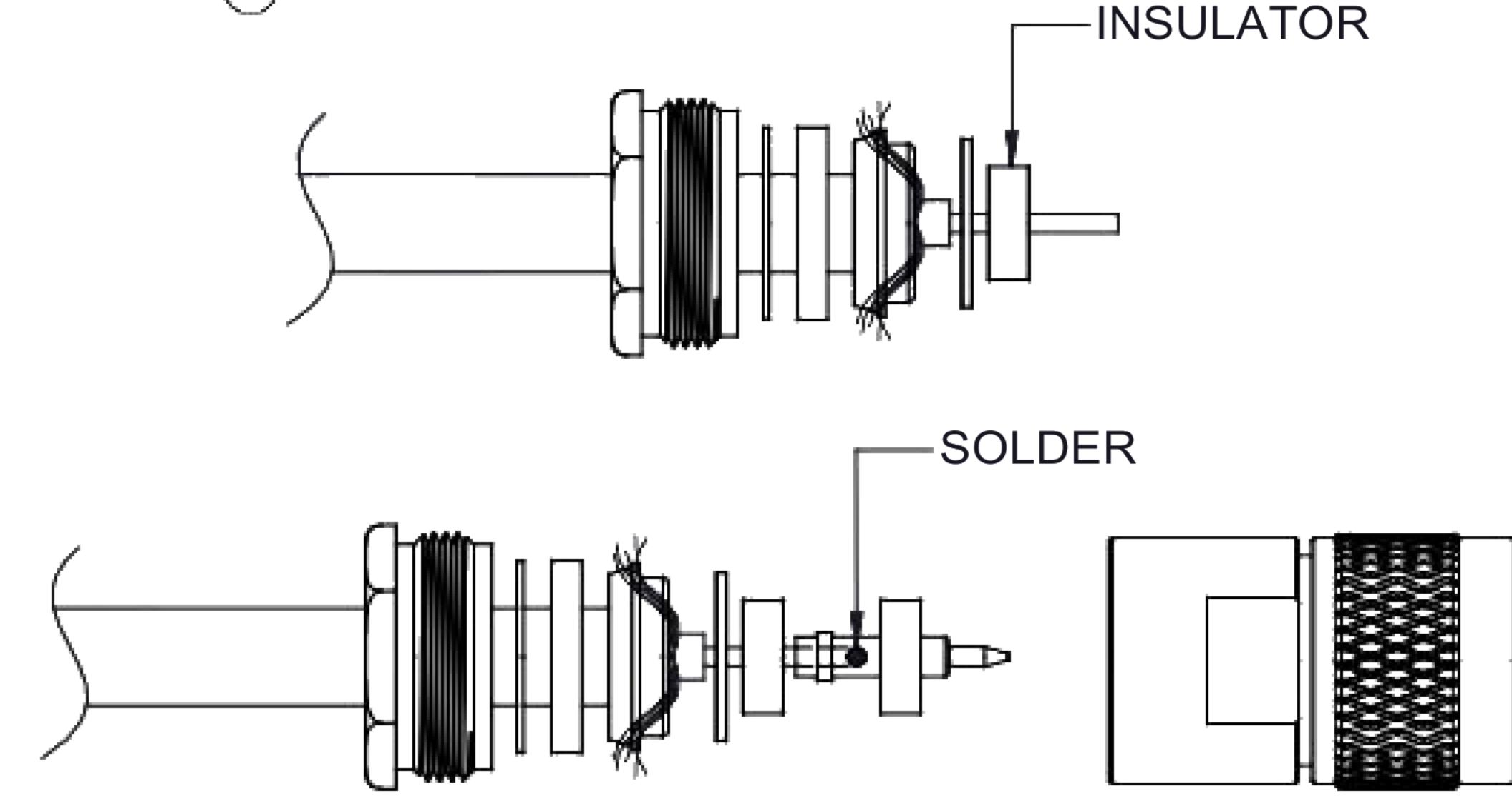
1. SLIDE CLAMP NUT (1) THIN-WASHER 2 GASKET 3 (1) ER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



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



3. SLIDE THICK-WASHER SAND HALF- INSULATOR & AGAINST THE BRAID CLAMP AND HOLD BRAID IN PLACE. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC.SLIDE A REST HALF- INSULATOR 6 TO LOCKED CONTACT. INSERT CABLE ASSEMBLY INTO BODY 8 TIGHTEN.



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 (Captive Contact) Attachment for ET-RG213, ET-RG214, ET-RG8, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-RG144, ET-RG216, ET-RG215 ET10842

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





RF Connectors Technical Data Sheet

ET10842

N Male Connector Clamp/Solder (Captive Contact) Attachment for ET-RG213, ET-RG214, ET-RG8, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-RG144, ET-RG216, ET-RG215 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 (Captive Contact) Attachment for ET-RG213, ET-RG214, ET-RG8, ET-RG9, ET-RG11, ET-RG225, ET-RG393, ET-RG144, ET-RG216, ET-RG215 ET10842

URL: https://www.ebeestock.com/n-male-connector-clamp-solder-captive-contact-attachment-for-rg2 13-rg214-rg8-rg9-rg11-rg225-rg393-rg144-rg216-rg215-0010842

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.

