TNC Female Bulkhead Mount Connector Solder Attachment for ET -ET-RG178, ET-RG196 IP67 Rated

RF Connectors Technical Data Sheet

ET11766

Configuration

- TNC Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: ET-RG178, ET-RG196
- Bulkhead

Features

- Max. Operating Frequency 3 GHz
- Good VSWR of 1.5:1
- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Ebeestock's ET11766 TNC female bulkhead connector with solder attachment for ET-RG178 and ET-RG196 is part of our full line of RF components available for same-day shipping. Our TNC female connector operates up to a maximum frequency of 3 GHz and offers good VSWR of 1.5:1. This TNC bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our TNC female bulkhead connector ET11766 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		3	GHz
VSWR			1.5:1	
Operating Voltage (AC)			375	Vrms

Mechanical Specifications

Size	
Length	1.04 in [26.42 mm]
Width/Dia.	0.709 in [18.01 mm]
Height	0 in [0 mm]
Weight	0.058 lbs [26.31 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: TNC Female Bulkhead Mount Connector Solder Attachment for ET-RG178, ET-RG196 IP67 Rated ET11766

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	Teflon	
Body	Brass	Nickel 100µ in. minimum

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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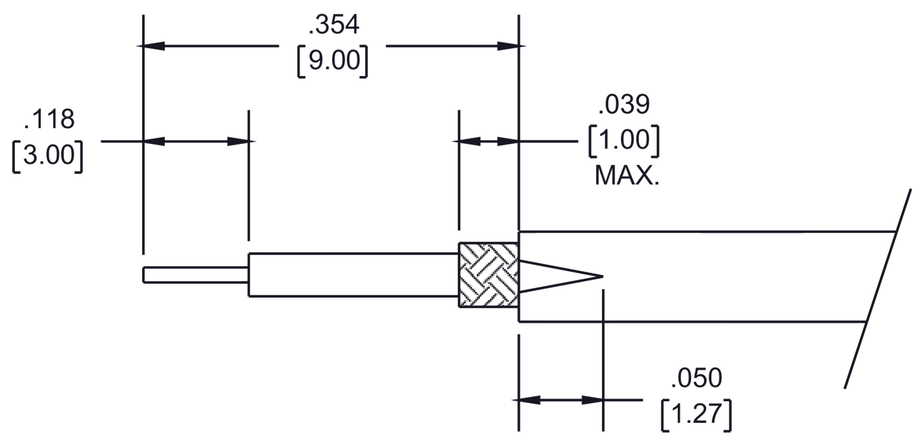
Assembly Instruction



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. SLIDE THE CLAMP NUT, O–RING, THEN THE BRAID CLAMP, ONTO THE CABLE.
3. FLARE BRAID (UNTIL FLAT) AND SLIDE INSULATION OVER DIELECTRIC.
4. INSERT CENTER CONDUCTOR FULLY INTO THE CONTACT, SOLDER, REMOVE ANY EXCESS SOLDER.
5. WITH BRAID FLARED (FLAT), INSERT CONTACT INTO INTO THE BODY UNTIL IT SEATS. VERIFY FLARE IS IN POSITION.
6. ASSEMBLE THE BRAID CLAMP, O–RING AND CLAMP NUT AND TIGHTEN.

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TNC Female Bulkhead Mount Connector Solder Attachment for ET

-ET-RG178, ET-RG196 IP67 Rated

RF Connectors
Technical Data Sheet

ET11766

TNC Female Bulkhead Mount Connector Solder Attachment for ET-RG178, ET-RG196 IP67 Rated 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: TNC Female Bulkhead Mount Connector Solder Attachment for ET-RG178, ET-RG196 IP67 Rated ET11766

URL: https://www.ebeestock.com/tnc-female-bulkhead-mount-connector-solder-attachment-for-rg178-rg196-ip67-rated-0011766

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.

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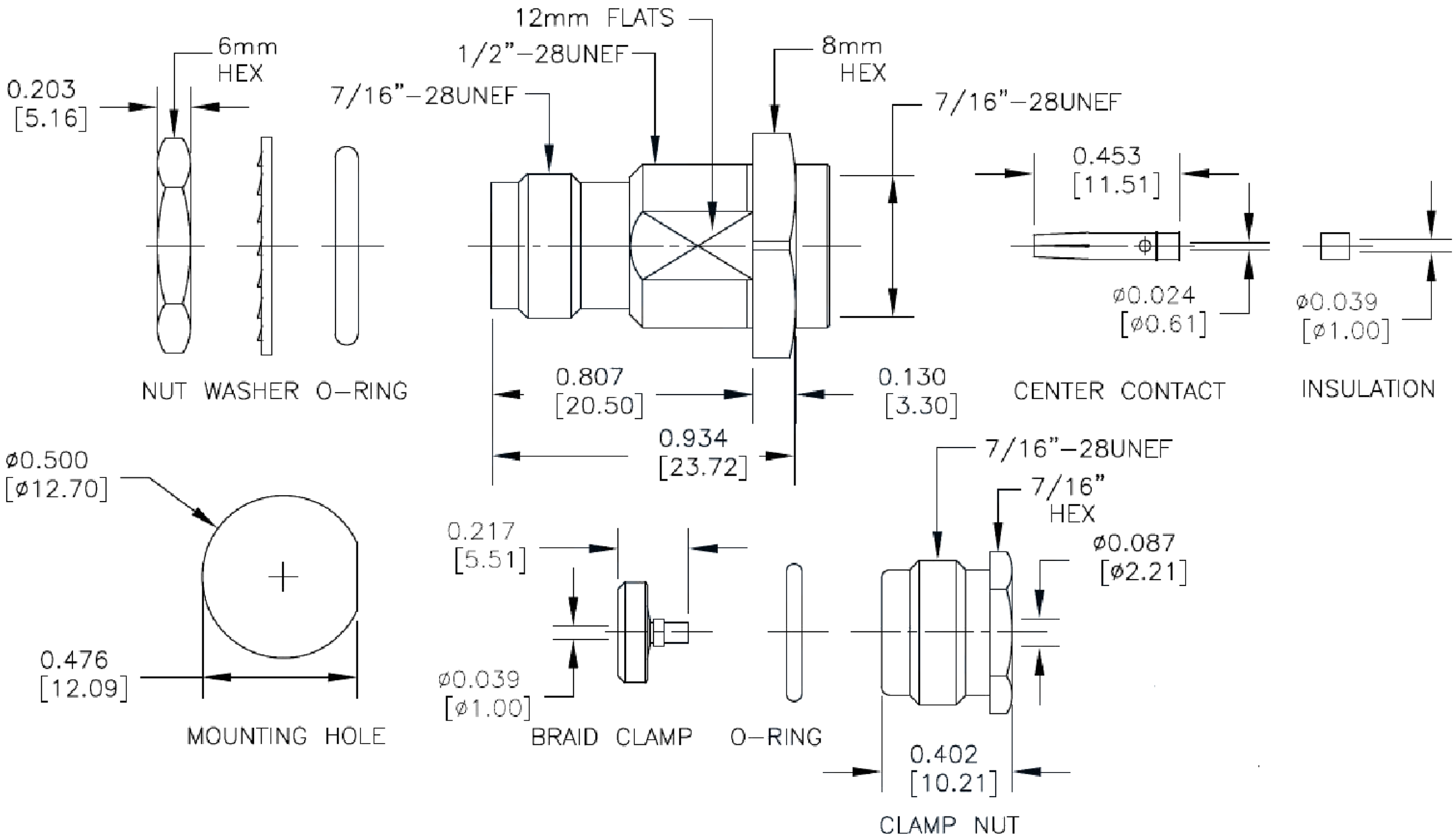
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	12/23/2021	A. GANWANI



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2	[5.08]	FRACTIONS
.XX = ± .02	[.51]	± 1/32
.XXX = ±.005	[.13]	ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

PASTERNACK
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THIRD-ANGLE PROJECTION

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SHEET 1 OF 2

SCALE N/A

SIZE CAGE CODE DRAWN BY ITEM NO. REV

T-Rev.D

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