



RF Connectors Technical Data Sheet

ET11644

Configuration

- SSMC Jack Connector
- 50 Ohms
- Straight Body Geometry
- ET38321, ET38322, ET38323, ET-

Features

- Max. Operating Frequency 12.4 GHz
- Good VSWR of 1.38:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204
- Reliable threaded coupling

SR405TN, ET-RG405 Interface Type

- Clamp/Solder Attachment
- Bulkhead

- Small SSMC connector form factor (50% smaller than SMA, radially)
- IEC 60169-20 SSMC connector interface
- In stock and ready to ship

Applications

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

- A/D Modules
- Data Acquisition
- Software defined radio (SDR)
- RADAR/SONAR

- Ultra Wideband Digital Receivers
- Medical equipment

Description

Ebeestock's ET11644 SSMC jack bulkhead connector with clamp/solder attachment for ET38321, ET38322, ET- SR405FLJ, ET38340 and ET-RG405 is part of our full line of RF components available for same-day shipping. Our SSMC jack connector operates up to a maximum frequency of 12.4 GHz and offers good VSWR of 1.38:1. This SSMC 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 SSMC jack bulkhead connector ET11644 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		12.4	GHz
VSWR			1.38:1	
Insertion Loss			0.3	dB
Operating Voltage (AC)			250	Vrms
High Potential Voltage			400	Vrms
5 MHz				
Inner Conductor DC Resistance			4	mOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SSMC Jack Bulkhead Mount Connector Clamp/Solder Attachment for ET38321, ET-SR-405FL, ET38323, ET38340, ET-RG405 ET11644

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





RF Connectors Technical Data Sheet

ET11644

Outer Conductor DC Resistance		1	mOhms
Insulation Resistance	1,000		MOhms
RF Leakage	-50		dB

Mechanical Specifications

Size

Length 0.55 in [13.97 mm] Width/Dia. 0.156 in [3.96 mm]

Mating Cycles 500 Cycles

1.75 to 2 in-lbs [0.20 to 0.23 Nm]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	Teflon	
Outer Conductor	Beryllium Copper	Gold MIL-G-45204
Body	Beryllium Copper	Gold MIL-G-45204
Washer	Phosphor Bronze	Gold MIL-G-45204

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Shock Method 213, Condition B, 75G @6ms @1/2 sine

Vibration Method 204, Condition D (20G)

Salt Spray Method 101, Condition B, 5% salt solution

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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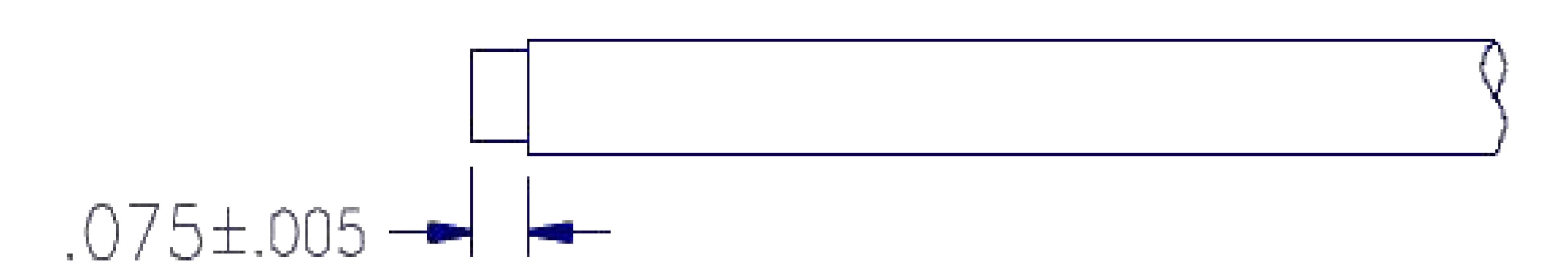


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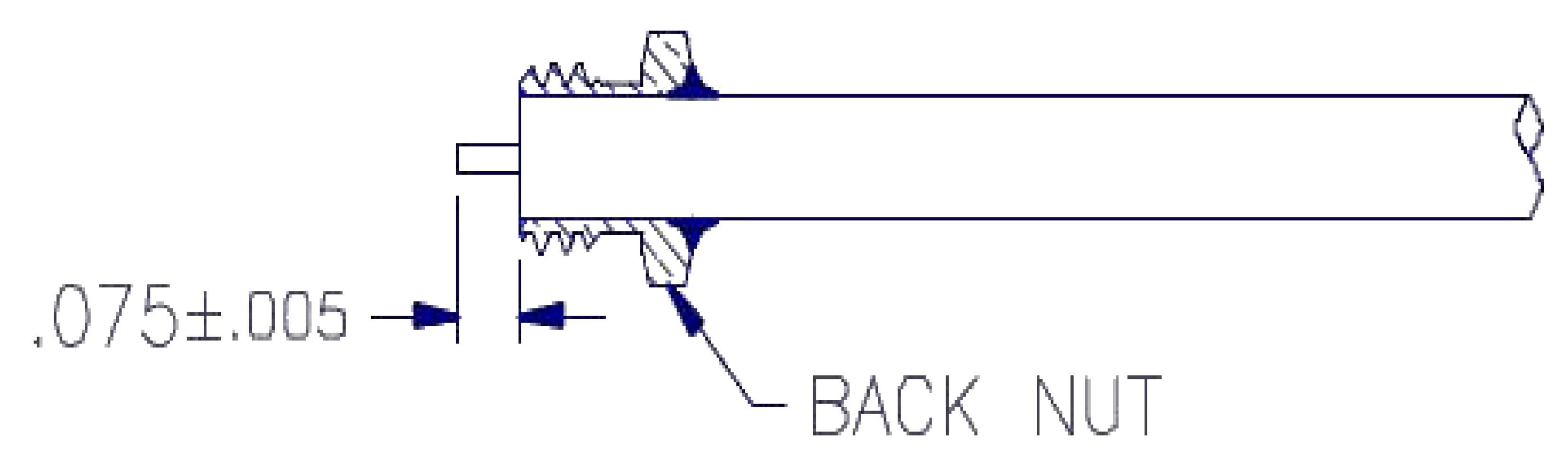
ET11644

Assembly Instruction

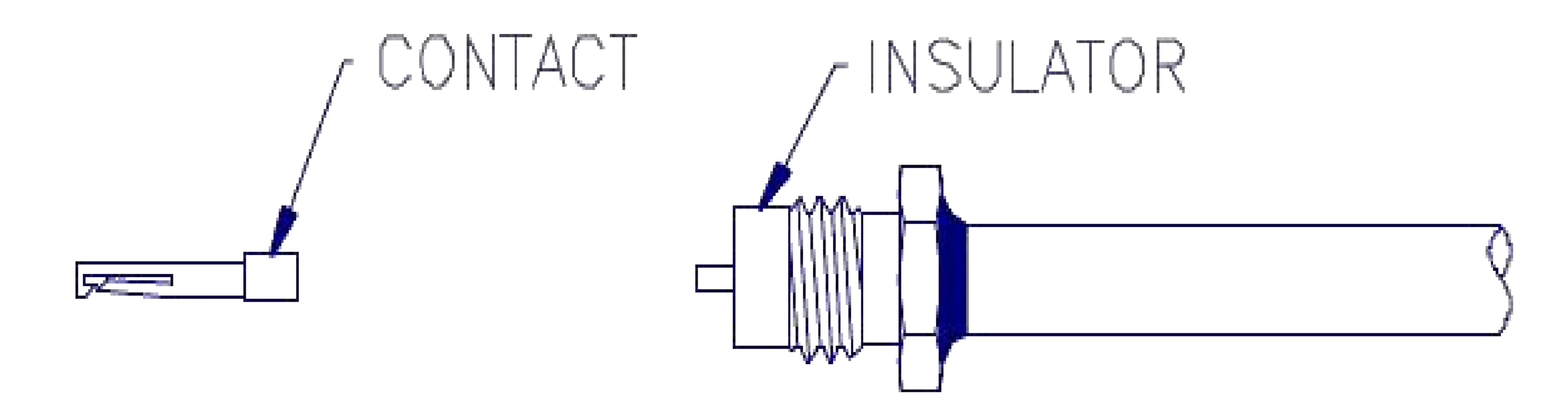
Assembly Instructions



1. TRIM CABLE JACKET ONLY, AS SHOWNABOVE.



- 2. SLIDE BACK NUT ONTO CABLE UNTIL TRIMMED END OF JACKET IS FLUSH WITH FRONT OF NUT. SOLDER NUT TO CABLE.
- 3. TRIM DIELECTRIC AS SHOWN.



- 4. INSTALL INSULATOR OVER CABLE CENTER CONDUCTOR.
- 5. SOLDER CONTACT TO CENTER CONDUCTOR.
- 6. INSERT CABLE ASSEMBLY INTO CONNECTOR BODY AND TIGHTEN TO 35-45 INCH-OUNCES TORQUE.

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ET11644

SSMC Jack Bulkhead Mount Connector Clamp/Solder Attachment for ET38321, ET38322, ET38323, ET- SR405TN, ET-RG405 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: SSMC Jack Bulkhead Mount Connector Clamp/Solder Attachment for ET38321, ET38322, ET38323, ET38340, ET-RG405 ET11644

URL: https://www.ebeestock.com/ssmc-jack-bulkhead-mount-connector-clamp-solder-attachment-for-pe-sr405al-pe-sr405fl-pe-sr405flj-pe-sr405tn-rg405-0011644

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.

ET11644 CAD Drawing

SSMC Jack Bulkhead Mount Connector Clamp/Solder Attachment for ET-SR405AL, ET38322, ET38323, ET38340, ET-RG405

