

Tinned



## RF Connectors Technical Data Sheet

ET11371

## Configuration

- SMA Male Connector
- 50 Ohms
- Straight Body Geometry

- ET-RG405, ET-RG405 Tinned Interface Type
- Solder Attachment

### Features

- Max. Operating Frequency 26.5 GHz
- Excellent VSWR of 1.14:1

- Gold Plated Beryllium Copper Contact
- Contact plating according to ASTM-B488

## Applications

General Purpose Test

Custom Cable Assemblies

#### Description

Ebeestock's ET11371 SMA male connector with solder attachment for ET-RG405 and ET-RG405 Tinned is part of our full line of RF components available for same-day shipping. Our SMA male connector operates up to a maximum frequency of 26.5 GHz and offers excellent VSWR of 1.14:1.

Our SMA male connector ET11371 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

Minimum	Typical	Maximum	Units
DC		26.5	GHz
		1.14:1	
		1,000	Vrms
		670	Vrms
		250	Vrms
5,000			MOhms
-90			dB
	DC 5,000	DC 5,000	DC 26.5 1.14:1 1,000 670 250

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male Connector Solder Attachment for ET-RG405, ET-RG405 Tinned ET11371



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ET11371

### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 18	18 to 16.5				GHz
VSWR, Max	1.11:1	1.14:1				

Electrical Specification Notes:

Insertion Loss = 0.04\*SQRT(Fghz) dB

### Mechanical Specifications

Mating Cycles 500 Cycles

Mating Torque 7 to 10 in-lbs [0.79 to 1.13 Nm]

### Material Specifications

Material	Plating		
Beryllium Copper	Gold ASTM-B488		
PTFE			
Beryllium Copper	Gold ASTM-B488		
Steel			
Silicone Rubber			
	PTFE  Beryllium Copper  Beryllium Copper  Steel		

## **Environmental Specifications**

Temperature

Operating Range -65 to +165 deg C

Shock
MIL-STD-202, Method 213, Condition I
Vibration
MIL-STD-202, Method 204, Condition D
Thermal Shock
MIL-STD-202, Method 107, Condition B

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: SMA Male Connector Solder Attachment for ET-RG405, ET-RG405 Tinned ET11371



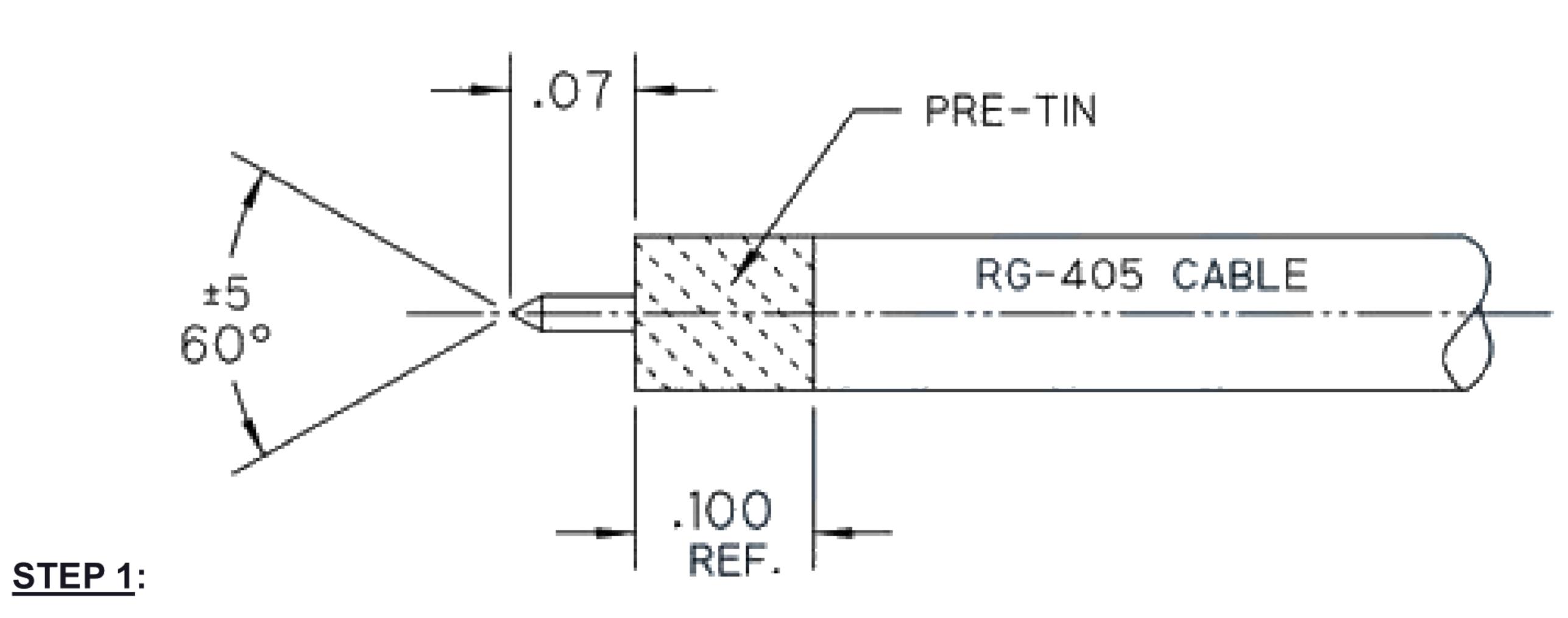
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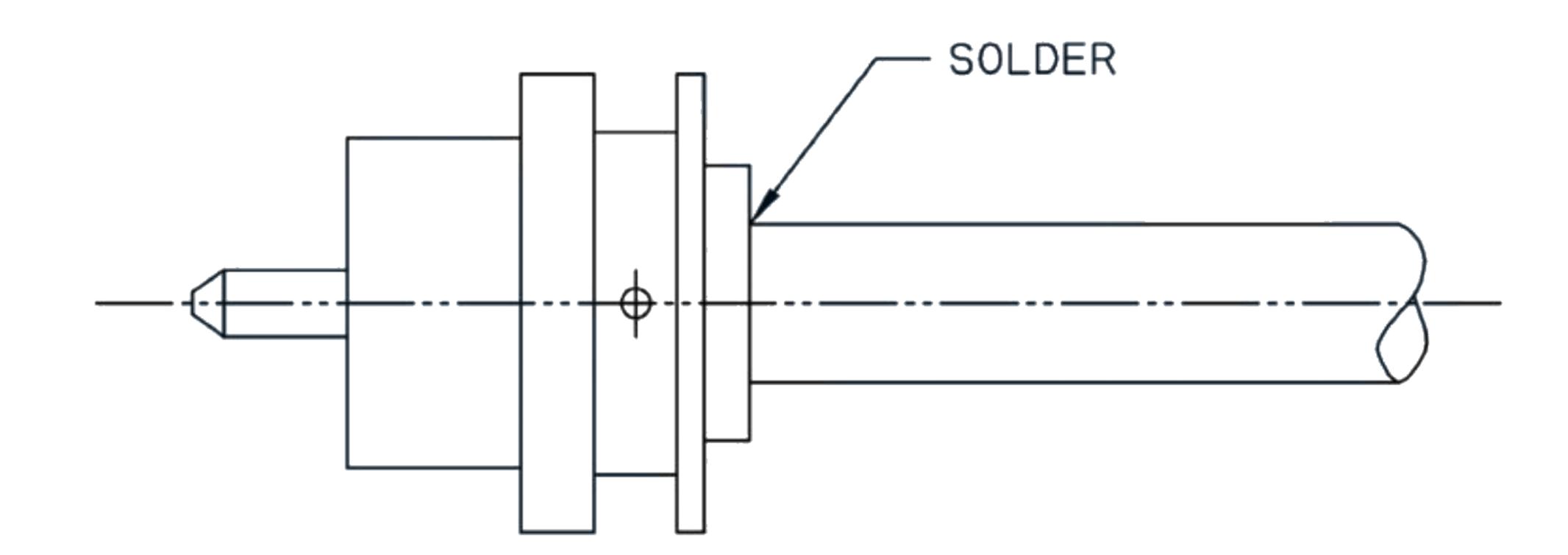
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ET11371

#### **Assembly Instruction**



- TRIM CABLE TO EXPOSE CENTER CONDUCTOR AS SHOWN.
- PRE-TIN CABLE OUTER JACKET OVER APPROX. LENGTH SHOWN.

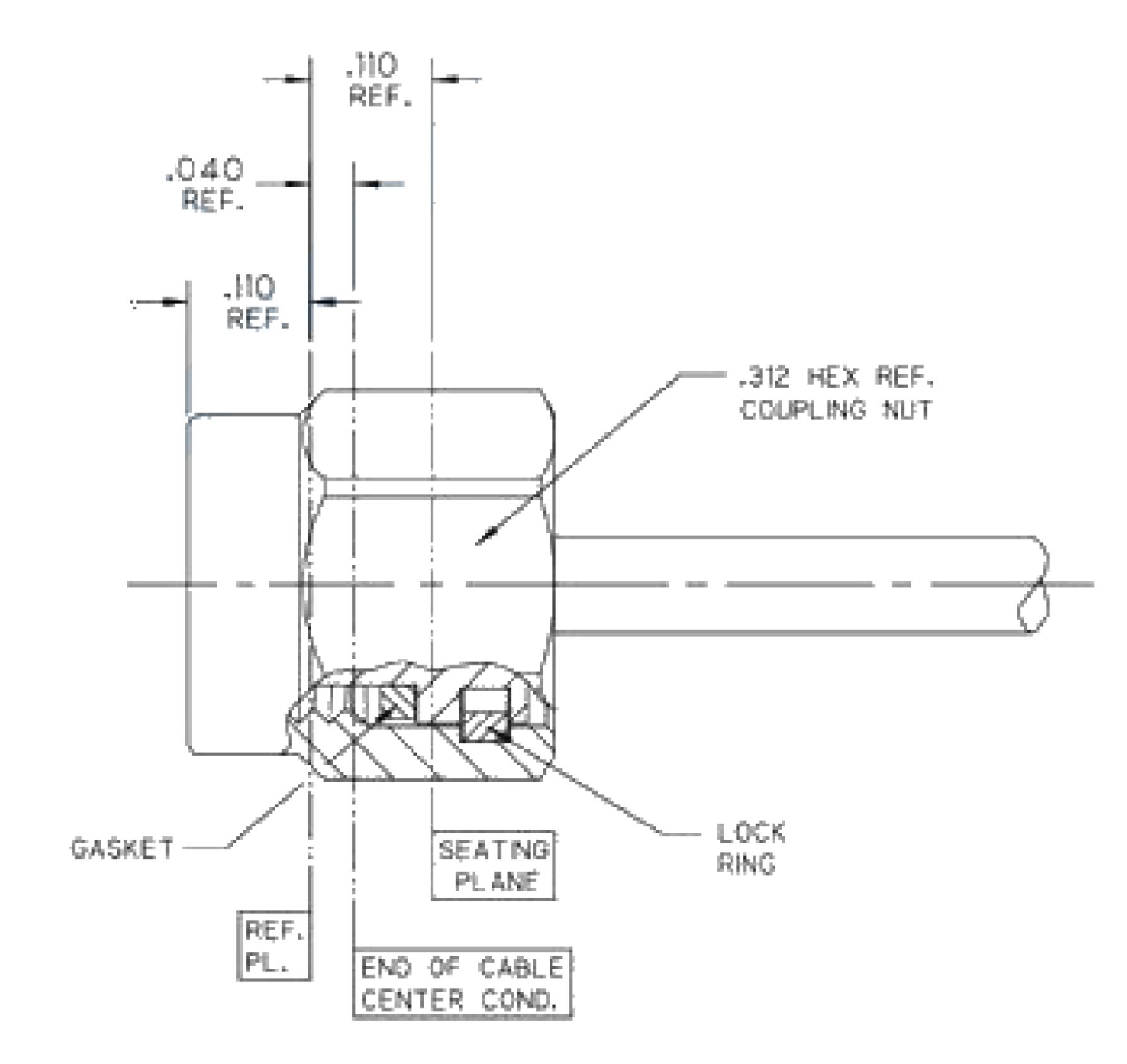


#### **STEP 2**:

- INSERT CABLE INTO CONNECTOR BODY UNTIL CENTER CONDUCTOR
  - PLUGS IN AND CABLE FULLY SEATS IN CONNECTOR BORE.
- SOLDER CABLE TO BODY WHERE SHOWN.

#### **STEP 3**:

• INSTALL LOCK RING, GASKET, AND COUPLING NUT ONTO MAIN BODY USING APPROPRIATE SMA ASSEMBLY TOOLS.



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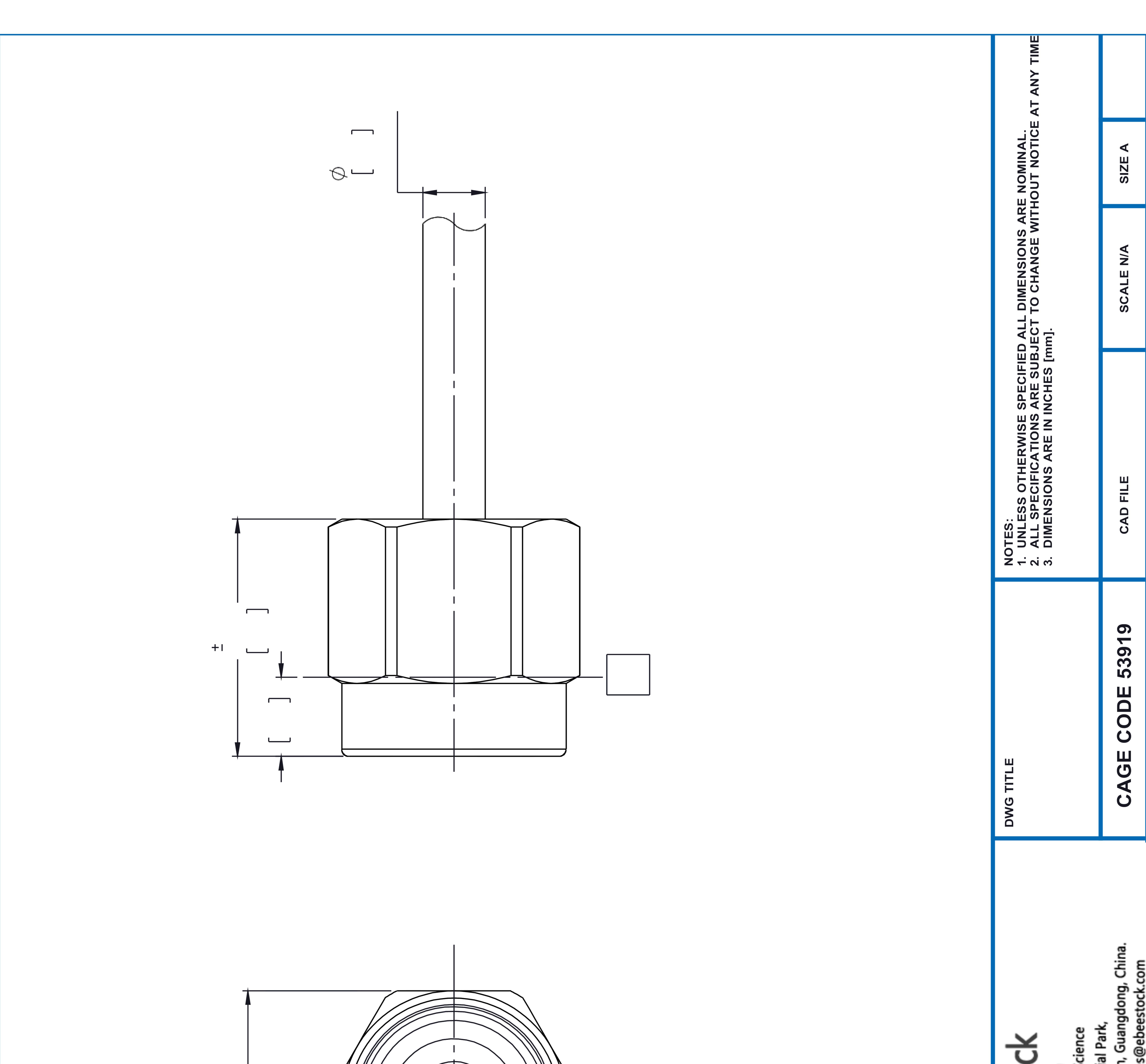
ET11371

SMA Male Connector Solder Attachment for ET-RG405, ET-RG405 Tinned 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: SMA Male Connector Solder Attachment for ET-RG405, ET-RG405 Tinned ET11371

**URL:** https://www.ebeestock.com/sma-male-connector-solder-attachment-for-rg405-rg405-tinned-0011

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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