



TNC Female Connector Solder Attachment for PE-SR405AL,  
PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405

## RF Connectors Technical Data Sheet

**PE44712**

### Configuration

- TNC Female Connector
- 50 Ohms
- Straight Body Geometry

- Connector Interface Types: PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405

### Features

- Max. Operating Frequency 6 GHz
- Gold over Nickel Plated Beryllium Copper Contact

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Pasternack's PE44712, TNC, Standard, Connector 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 6 GHz.

Our TNC female connector PE44712 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack'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, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
Impedance		50		Ohms

### Mechanical Specifications

#### Size

Length	0.83 in [21.11 mm]
Width	0.47 in [11.99 mm]
Weight	0.02 lbs [8.62 g]

### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel
Insulation	PTFE	
Body	Brass	Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Female Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405 PE44712](#)



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### Environmental Specifications

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

TNC Female Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405 from Pasternack 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.

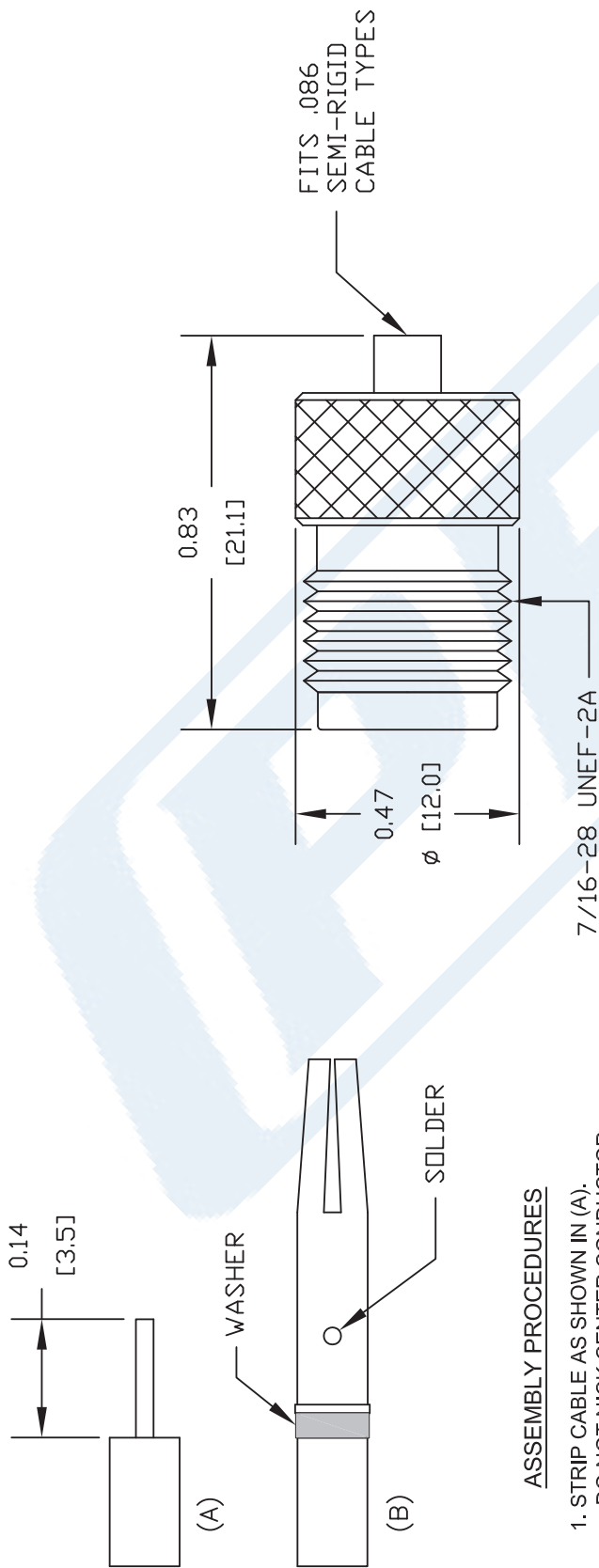
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URL: <https://www.pasternack.com/tnc-female-standard-pe-sr405al-pe-sr405fl-pe-sr405flj-connector-pe44712-p.aspx>

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. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE44712 CAD Drawing

TNC Female Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405



ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK CENTER CONDUCTOR.
2. PLACE WASHER OVER CENTER CONDUCTOR. SLIDE CONTACT OVER CONDUCTOR UNTIL IT BOTTOMS OUT. SOLDER CONTACT TO CENTER CONDUCTOR AS SHOWN IN (B)
3. INSERT CABLE INTO BODY UNTIL IT MATES. SOLDER OUTER CONDUCTOR TO BODY.

DWG TITLE

PE44712

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].  
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

REV. - FSCM NO. 53919 CAD FILE 062311 SCALE N/A SIZE A 2231

**PE PASTERNAK®**

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