



2.92mm Female Connector Solder/Non-Solder Contact Attachment 4 Hole Flange Mount for RG405, PE-SR405FL

RF Connectors Technical Data Sheet

PE44904

Configuration

- 2.92mm Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG405, PE-SR405FL
- 4 Hole Flange

Features

- Max. Operating Frequency 40 GHz
- Excellent VSWR of 1.2:1
- Gold Plated Beryllium Copper Contact
- 50 μ in. minimum contact plating

Applications

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

Description

Pasternack's PE44904 2.92mm female 4 hole flange mount connector with solder/non-solder contact attachment for RG405 and PE-SR405FL is part of our full line of RF components available for same-day shipping. Our 2.92mm female connector operates up to a maximum frequency of 40 GHz and offers excellent VSWR of 1.2:1. This 2.92mm 4 hole flange 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 2.92mm female 4 hole flange connector PE44904 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		40	GHz
VSWR			1.2:1	
Dielectric Withstanding Voltage (AC)			500	Vrms

Mechanical Specifications

Size	
Length	0.545 in [13.84 mm]
Width/Dia.	0.5 in [12.70 mm]
Weight	0.0129 lbs [5.85 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Female Connector Solder/Non-Solder Contact Attachment 4 Hole Flange Mount for RG405, PE-SR405FL PE44904](#)



2.92mm Female Connector Solder/Non-Solder Contact
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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50µ in. minimum
Insulation	ULTEM	
Outer Conductor	Passivated Stainless Steel	
Body	Stainless Steel	Gold 50µ in. minimum

Environmental Specifications

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

Plotted and Other Data

Notes:

2.92mm Female Connector Solder/Non-Solder Contact Attachment 4 Hole Flange Mount for RG405, PE-SR405FL 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.

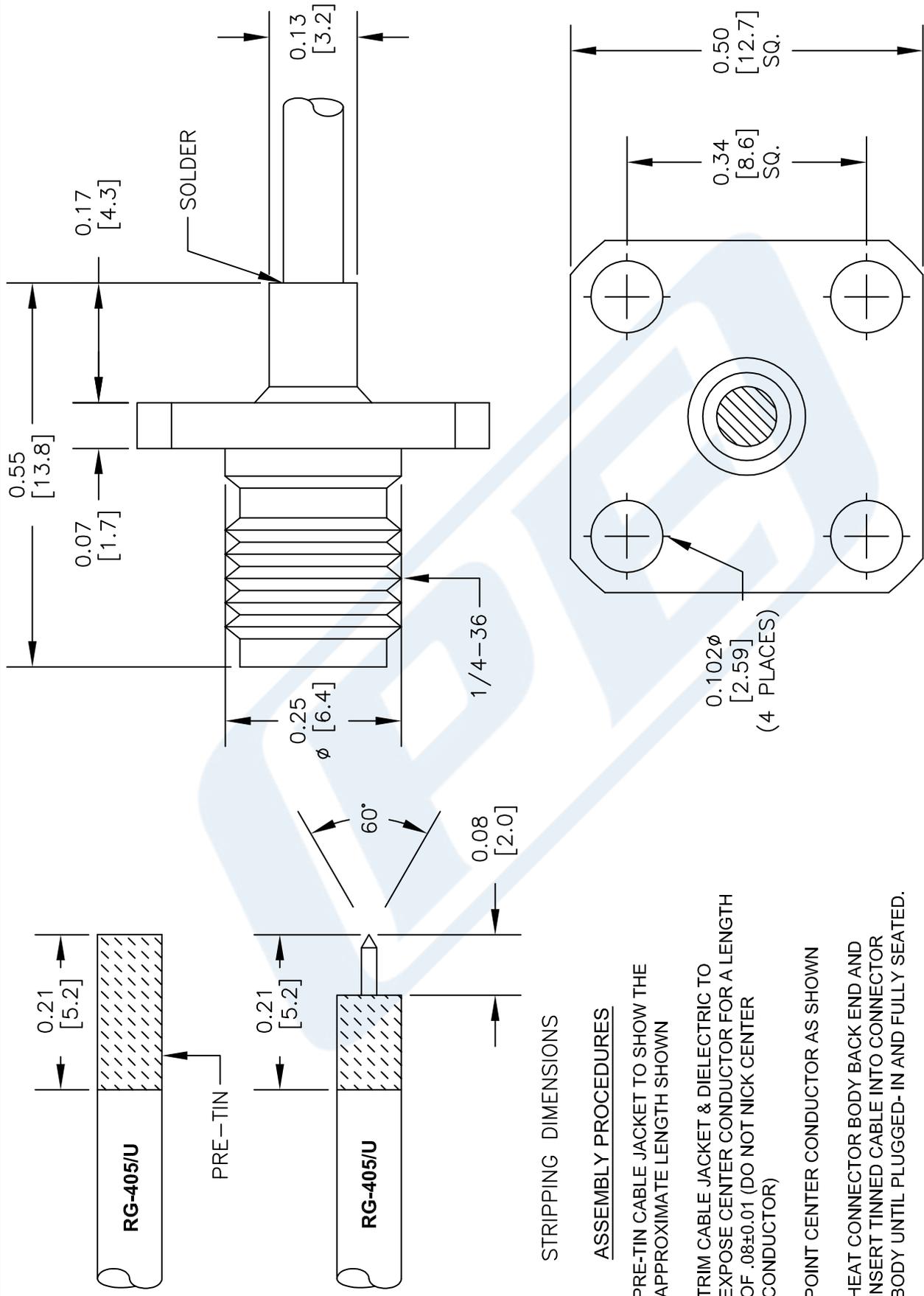
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URL: <https://www.pasternack.com/2.92mm-female-rg405-pe-sr405fl-connector-pe44904-p.aspx>

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.

PE44904 CAD Drawing

2.92mm Female Connector Solder/Non-Solder Contact Attachment
4 Hole Flange Mount for RG405, PE-SR405FL



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.

DWG TITLE
PE44904

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FSCM NO. 53919

CAD FILE 102413 SCALE N/A SIZE A 150

STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. PRE-TIN CABLE JACKET TO SHOW THE APPROXIMATE LENGTH SHOWN
2. TRIM CABLE JACKET & DIELECTRIC TO EXPOSE CENTER CONDUCTOR FOR A LENGTH OF .08±0.01 (DO NOT NICK CENTER CONDUCTOR)
3. POINT CENTER CONDUCTOR AS SHOWN
4. HEAT CONNECTOR BODY BACK END AND INSERT TINNED CABLE INTO CONNECTOR BODY UNTIL PLUGGED-IN AND FULLY SEATED.
5. FLOW ADDITIONAL SOLDER WHERE INDICATED IF NECESSARY.