



## SSMA Male Right Angle Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405

### RF Connectors Technical Data Sheet

PE44384

#### Configuration

- SSMA Male Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405 Interface Type
- Solder/Solder Attachment
- 1/4 inch Hex

#### Features

- Gold Plated Contact
- Contact plating according to MIL-G-45204

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE44384 SSMA male right angle connector with solder/solder attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ and RG405 is part of our full line of RF components available for same-day shipping. Its right angle body geometry allows for easier connections in tight spaces.

Our SSMA male right angle connector PE44384 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.

#### Mechanical Specifications

##### Size

Length	0.57 in [14.48 mm]
Width/Dia.	0.25 in [6.35 mm]
Height	0.33 in [8.38 mm]
Weight	0.007 lbs [3.18 g]
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMA Male Right Angle Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405 PE44384](#)



## SSMA Male Right Angle Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405

### RF Connectors Technical Data Sheet

PE44384

#### Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold MIL-G-45204
Coupling Nut	Brass	Nickel QQ-N-290

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

#### Plotted and Other Data

Notes:

SSMA Male Right Angle Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

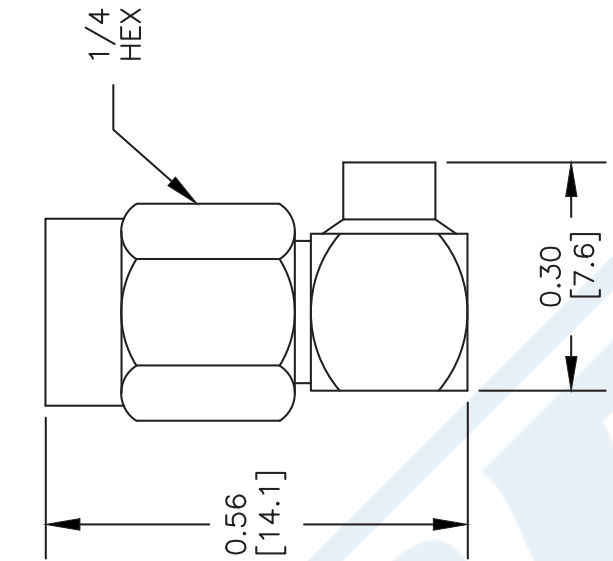
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SSMA Male Right Angle Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405 PE44384](#)

URL: <https://www.pasternack.com/ssma-male-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe44384-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.

PE44384 CAD Drawing

SSMA Male Right Angle Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR.
2. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR IS FLUSH WITH INSIDE OF BODY. SOLDER CENTER CONDUCTOR IN PLACE.
3. SOLDER OUTER CONDUCTOR TO BODY. PRESS DOWN CAP.

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  
**PE44384**

FSCM NO. 53919

CAD FILE 081103

SCALE N/A

SIZE A

2233

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

## RF Connectors Technical Data Sheet

PE44714

### Configuration

- TNC Female Connector
- 50 Ohms
- Straight Body Geometry
- PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405 Interface Type
- Solder/Solder Attachment
- Bulkhead

### Features

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

### Applications

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

### Description

Pasternack's PE44714 TNC female bulkhead connector with solder/solder attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN and RG405 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. 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 PE44714 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

### Mechanical Specifications

Size	
Length	0.992 in [25.2 mm]
Width/Dia.	0.69 in [17.53 mm]
Weight	0.037 lbs [16.78 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 PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405 PE44714](#)



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

## RF Connectors Technical Data Sheet

PE44714

### Material Specifications

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

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

### Plotted and Other Data

Notes:

TNC Female Bulkhead Mount 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% availability and are part of the broadest selection in the industry.

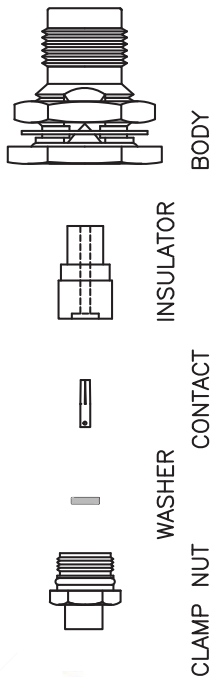
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URL: <https://www.pasternack.com/tnc-female-standard-pe-sr405al-pe-sr405fl-pe-sr405flj-connector-pe44714-p.aspx>

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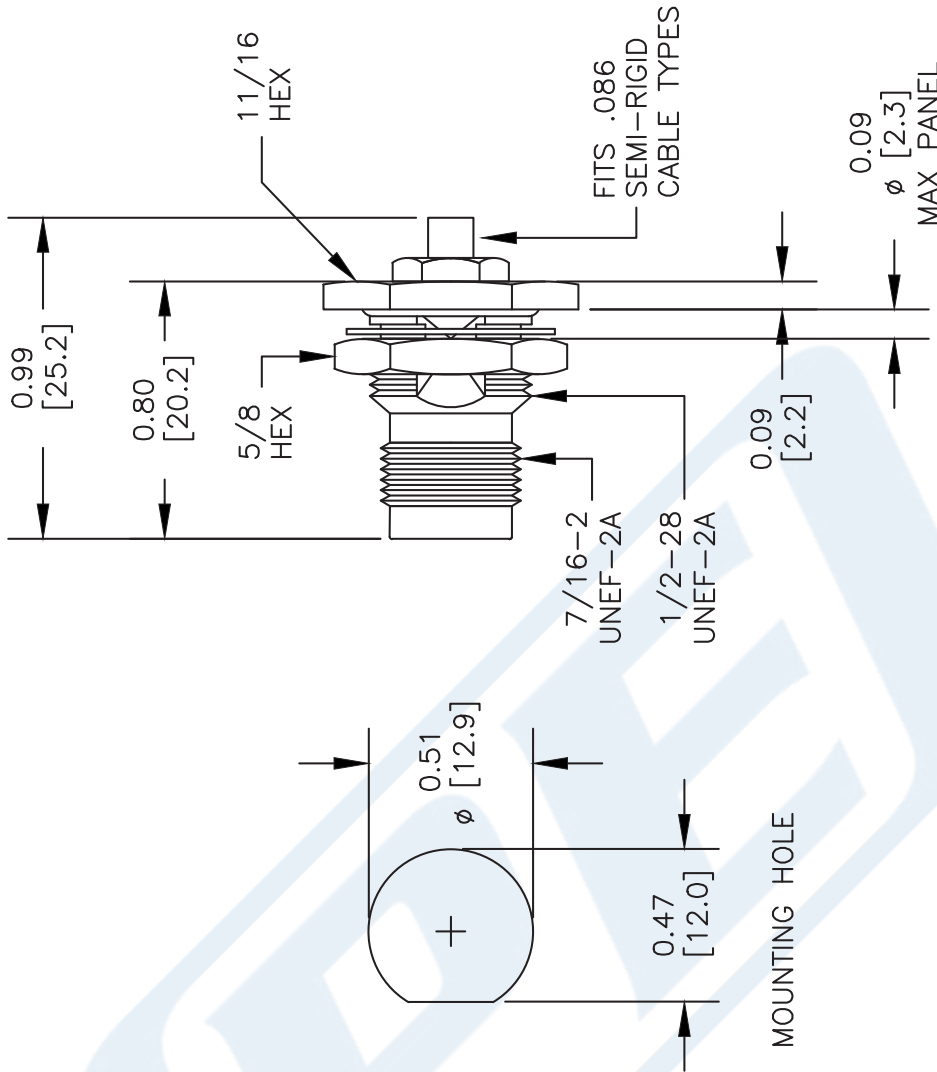
# PE44714 CAD Drawing

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



## ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. INSERT CLAMP NUT THROUGH CABLE. PLACE WASHER OVER CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR.
3. ASSEMBLE CONTACT, INSULATOR AND BODY TOGETHER. SCREW CLAMP NUT INTO THE BODY UNTIL IT BOTTOMS OUT.
4. SOLDER OUTER CONDUCTOR TO CLAMP NUT AND TIGHTEN CLAMP NUT TO BODY.



DWG TITLE

**PE44714**

NOTES:  
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 3. DIMENSIONS ARE IN INCHES (mm).  
 4. FITS MIL-C-17 AND EQUIVALENT CABLES.

FSCM NO. 53919

CAD FILE 061913

SCALE N/A

SIZE A

XXXX

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## 086 Semi-rigid Coax Cable with Copper Outer Conductor

## TECHNICAL DATA SHEET

RG405/U

## 086 Semi-rigid Coax Cable with Copper Outer Conductor

**Configuration**

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Copper
Jacket Material and Color	Tan

**Electrical Specifications**

Impedance, Ohms	50
Maximum Operating Frequency, GHz	40
Dielectric Withstanding Voltage, Vrms	5,000

**Electrical Specifications by Frequency****Frequency 1**

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	22 [72.18]
Power Handling, Watts	130

**Frequency 2**

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	80 [262.47]
Power Handling, Watts	35

**Frequency 3**

Frequency, GHz	20
Attenuation, dB/100ft [dB/100m]	120 [393.7]
Power Handling, Watts	20

**Mechanical Specifications****Temperature**

Operating Range, deg C	-55 to +125
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**Inner Conductor**

Number of Strands	1
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.02 [0.51]

**Dielectric:**

Type	PTFE
Diameter, in [mm]	0.066 [1.68]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [086 Semi-rigid Coax Cable with Copper Outer Conductor RG405/U](#)

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## 086 Semi-rigid Coax Cable with Copper Outer Conductor

## TECHNICAL DATA SHEET

RG405/U

**Shield:**

Number of	1
Material 1	Copper
Diameter, in [mm]	0.087 [2.21]

**Jacket:**

Color	Tan
One Time Minimum Bend Radius, in [mm]	0.05 [1.27]
Weight, lbs/ft [Kg/m]	0.015 [0.02]

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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086 Semi-rigid Coax Cable with Copper Outer Conductor from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% 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: [086 Semi-rigid Coax Cable with Copper Outer Conductor RG405/U](#)

URL: <http://www.pasternack.com/semirigid-0.085-rg405-50-ohm-coax-cable-copper-rg405-u-p.aspx>

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DWG TITLE  
**RG405/U**

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