



## N Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405, .640 inch DD Hole

### RF Connectors Technical Data Sheet

PE4655

#### Configuration

- N Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- PE-SR405AL, PE-SR405FL, RG405 Interface Type
- Solder/Solder Attachment
- Bulkhead

#### Features

- Max. Operating Frequency 3 GHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30  $\mu$ m minimum contact plating

#### Applications

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

#### Description

Pasternack's PE4655 type N female bulkhead connector with solder/solder attachment for PE-SR405AL, PE-SR405FL and RG405 (.640 inch DD hole) is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to a maximum frequency of 3 GHz and offers good VSWR of 1.5:1. This type N 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 type N female bulkhead connector PE4655 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		3	GHz
VSWR			1.5:1	
Operating Voltage (AC)			1,000	Vrms

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1	1 to 3				GHz
VSWR, Max	1.3:1	1.5:1				

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405, .640 inch DD Hole PE4655](#)



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 PE-SR405AL, PE-SR405FL, RG405, .640 inch DD Hole

RF Connectors Technical Data Sheet

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**Mechanical Specifications**

**Size**

Length	1.26 in [32 mm]
Width/Dia.	0.825 in [20.96 mm]
Weight	0.089 lbs [40.37 g]

**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum

**Environmental Specifications**

**Temperature**

Operating Range	-65 to +165 deg C
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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

N Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405, .640 inch DD Hole 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.

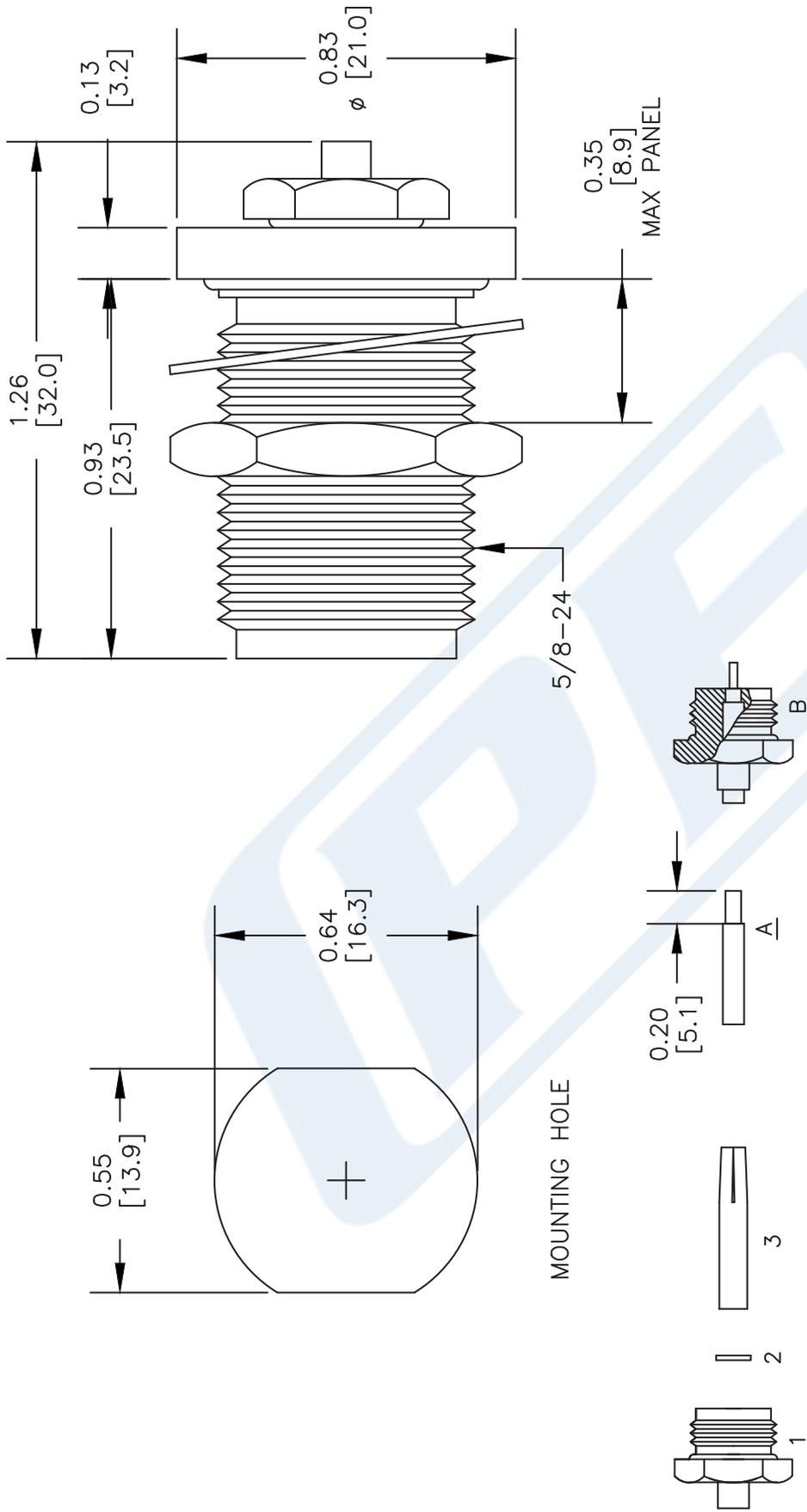
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URL: <https://www.pasternack.com/n-female-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe4655-p.aspx>

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.

# PE4655 CAD Drawing

N Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405, .640 inch DD Hole



### ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT CUT DIELECTRIC.
2. INSERT CABLE THRU CLAMP NUT(1) UNTIL IT BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO CLAMP NUT & TRIM DIELECTRIC AS SHOWN IN (B).
3. SLIDE PTFE BUSHING(2) ON TO CENTER CONDUCTOR; SOLDER CONTACT(3) TO CENTER CONDUCTOR THEN SCREW ASSEMBLY INTO BODY & TIGHTEN.

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 <b>PE4655</b>		CAD FILE 052902		SCALE N/A		SIZE A		127	
FSCM NO. 53919		FSCM NO. 53919		FSCM NO. 53919		FSCM NO. 53919		FSCM NO. 53919	


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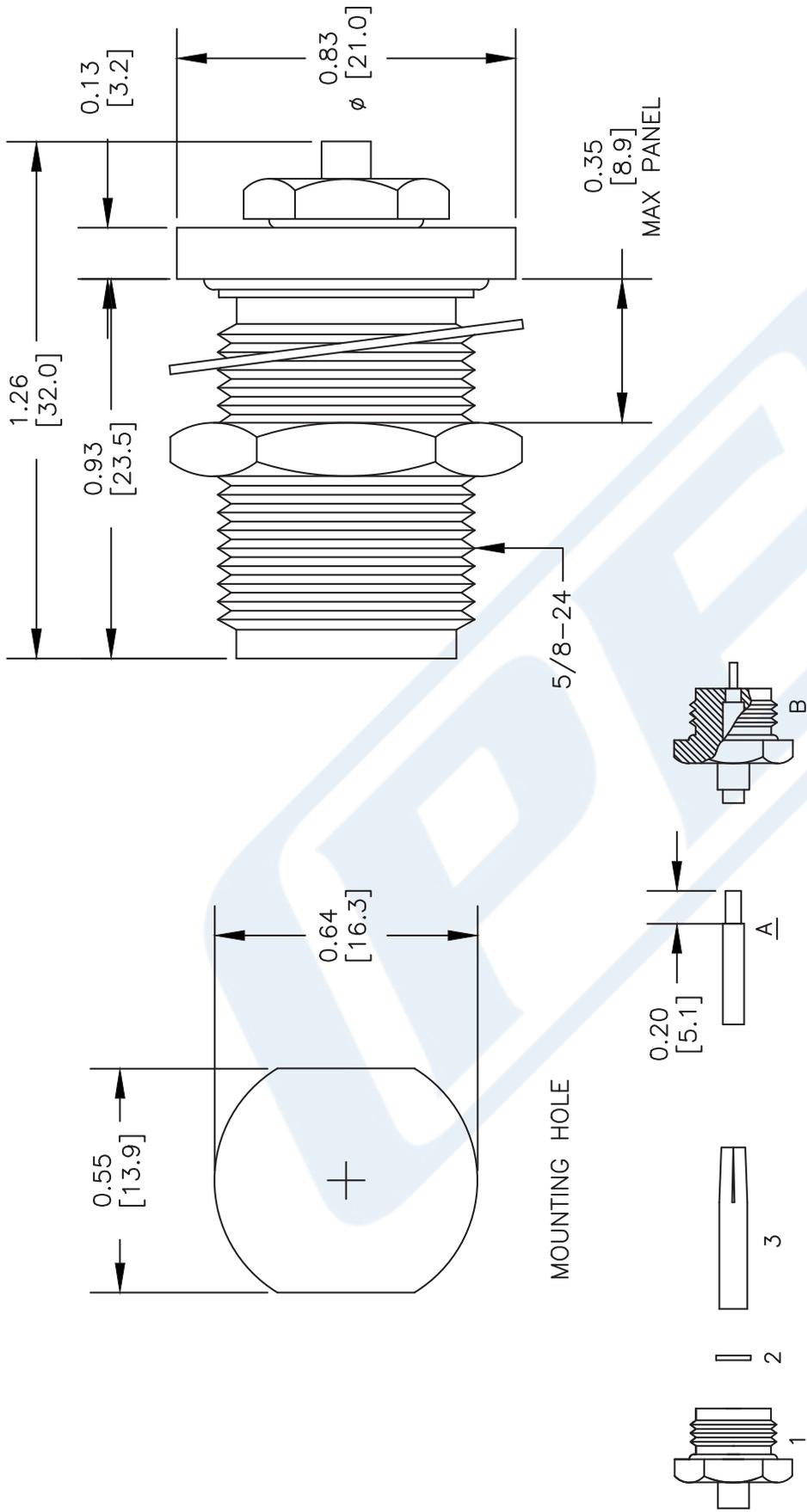
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DWG TITLE <b>PE4655</b>	FSCM NO. <b>53919</b>
CAD FILE 052902	SCALE N/A
SIZE A	127

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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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# RG405/U CAD Drawing

086 Semi-rigid Coax Cable with Copper Outer Conductor



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DWG TITLE  
**RG405/U**

FSCM NO. 53919

CAD FILE 022908

SCALE N/A

SIZE A

2233

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