



RP SMA Male Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405

TECHNICAL DATA SHEET

PE4779

RP SMA Male Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405

Configuration

Connector	SMA Male Reverse Polarity
Connector Interface Type	PE-SR405AL,PE-SR405FL,RG405
Cable Attachment Method (Shield/Contact)	Solder/Solder
Body Style	Straight

Electrical Specifications

Impedance, Ohms	50
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Mechanical Specifications

Size	
Length, in [mm]	0.535 [13.59]
Width/Dia., in [mm]	0.312 [7.92]
Weight, lbs [g]	0.006 [2.72]

Connector

Type	SMA Male Reverse Polarity
Contact Material and Plating	Gold
Coupling Nut Material and Plating	Brass, Nickel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Stainless Steel, Gold
Dielectric Type	PTFE

Compliance Certifications

(visit www.Pasternack.com for current document)

RoHS Compliant Yes

Plotted and Other Data

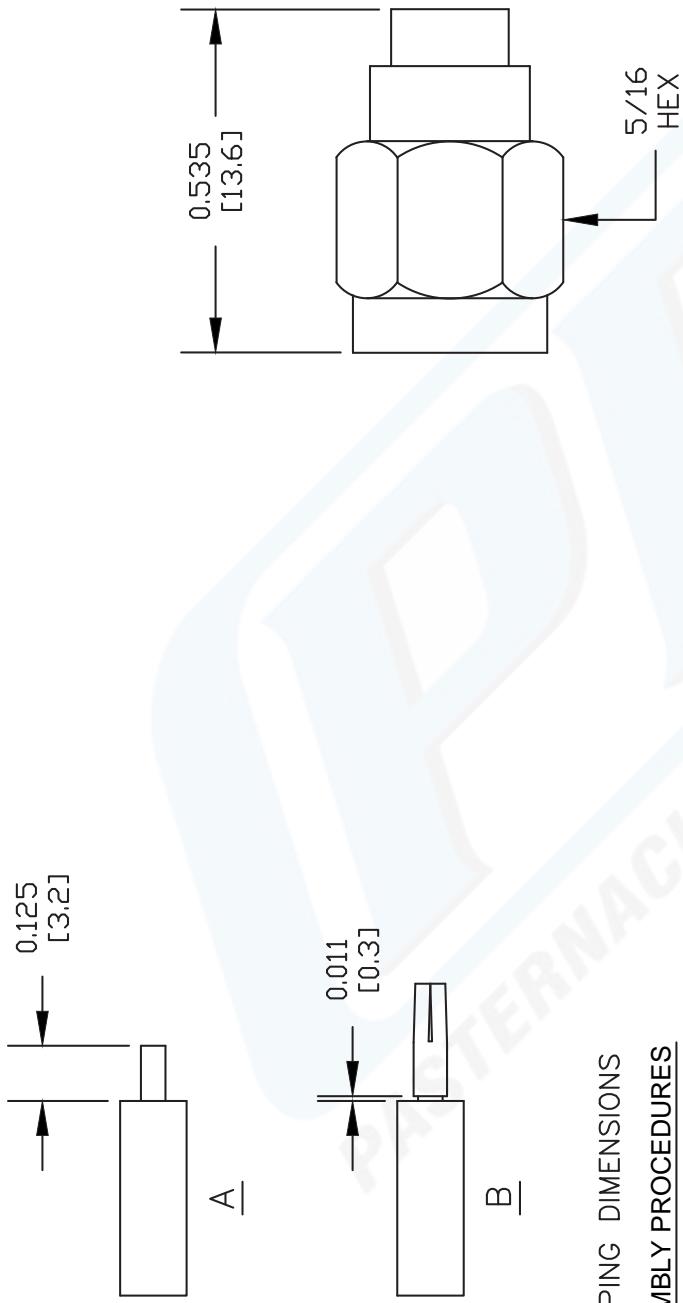
Notes: Values at 25 °C, sea level

RP SMA Male Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 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: [RP SMA Male Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 PE4779](http://www.pasternack.com/sma-male-reverse-polarity-pe-sr405al-pe-sr405fl-rg405-connector-pe4779-p.aspx)

URL: <http://www.pasternack.com/sma-male-reverse-polarity-pe-sr405al-pe-sr405fl-rg405-connector-pe4779-p.aspx>

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STRIPPING DIMENSIONS
ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK CENTER CONDUCTOR.
2. SHIM CONTACT AS SHOWN IN (B) & SOLDER CONTACT TO CENTER CONDUCTOR.
3. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO BODY.

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.

PASTERNACK®	DWG TITLE
PE	PE4779
Pasternack Enterprises, Inc. P.O. Box 16759 Irvine CA 92623 Phone: (949) 261-1920 Fax: (949) 261-7451 Website: www.pasternack.com E-Mail: sales@pasternack.com	FSCM NO. 53919
	CAD FILE 062402 SCALE N/A SIZE A 127



RP SMA Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405, .235 inch D Hole

RF Connectors Technical Data Sheet

PE4865

Configuration

- SMA Female Reverse Polarity Connector
- 50 Ohms
- Straight Body Geometry
- PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405, .235 inch D Hole
- Solder/Solder Attachment
- Bulkhead

Features

- Max. Operating Frequency 18 GHz
- Gold over Nickel Plated Brass Contact
- Reverse Polarity

Applications

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

Description

Pasternack's PE4865 RP SMA female bulkhead connector with solder/solder attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN and RG405 (.235 inch D hole) is part of our full line of RF components available for same-day shipping. The female reverse polarity configuration uses a female connector body with a male inner contact pin. Our SMA female connector operates up to a maximum frequency of 18 GHz. This SMA 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 reverse polarity SMA female bulkhead connector PE4865 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		18	GHz

Mechanical Specifications

Size	
Length	0.63 in [16 mm]
Width/Dia.	0.438 in [11.13 mm]
Weight	0.006 lbs [2.72 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP SMA Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405, .235 inch D Hole PE4865](#)



RP SMA Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405, .235 inch D Hole

RF Connectors Technical Data Sheet

PE4865

Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel
Insulation	PTFE	
Body	Stainless Steel	Gold over Nickel

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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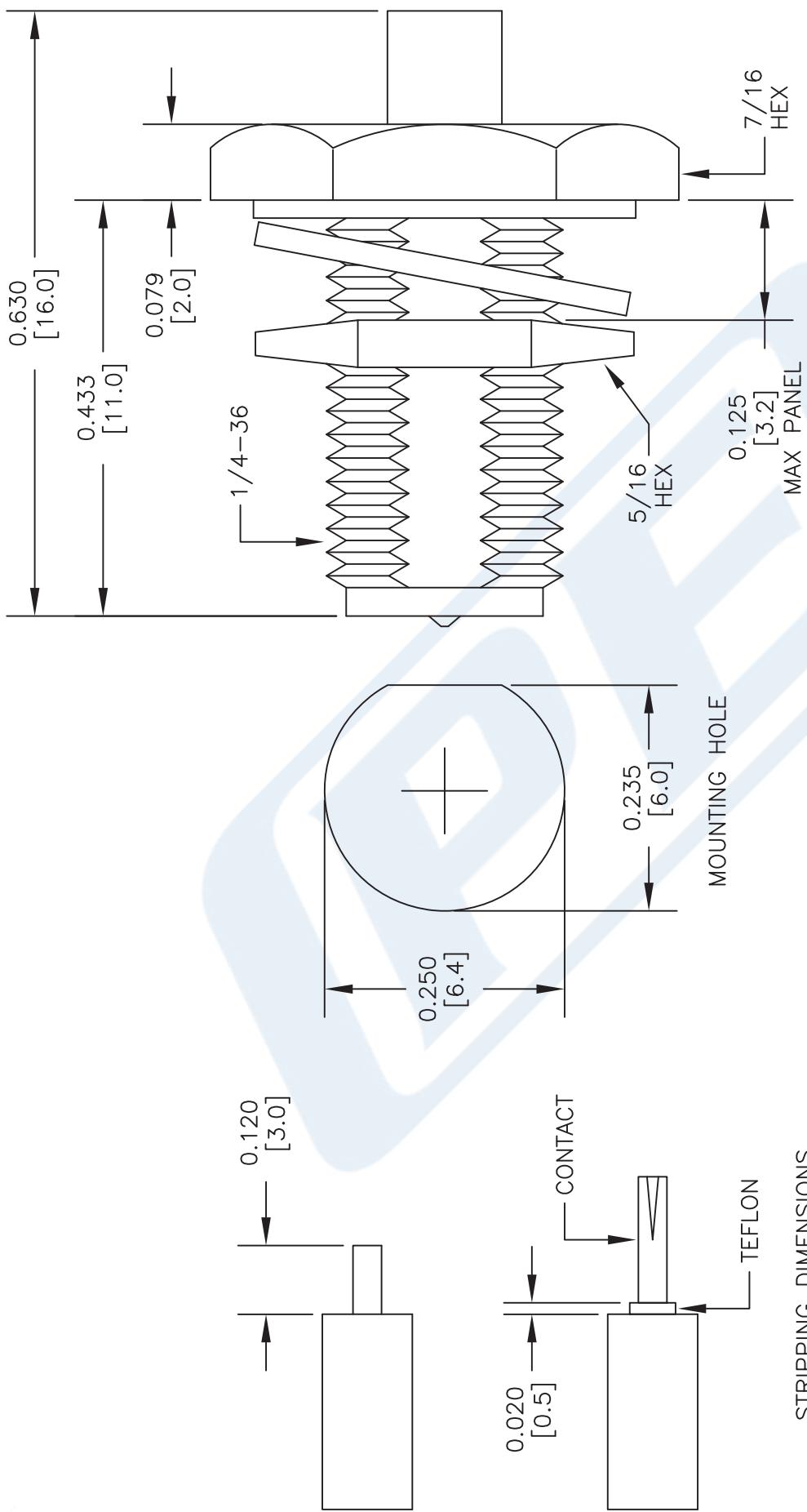
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PE4865 CAD Drawing

RP SMA Female Bulkhead Mount Connector Solder Attachment for PE-SR405AL,
PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405, .235 inch D Hole



- STRIPPING DIMENSIONS
ASSEMBLY PROCEDURES
1. STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR.
 2. INSTALL TEFLON SPACER AS SHOWN AND SOLDER CONTACT TO CENTER CONDUCTOR.
 3. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO BODY.

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4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE
PE4865

PE PASTERNACK
Pasternack Enterprises, Inc.

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Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO.	53919	CAD FILE	111813	SCALE	N/A	SIZE	A
2233							

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

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 for current document)

RoHS Compliant	Yes
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Plotted and Other Data

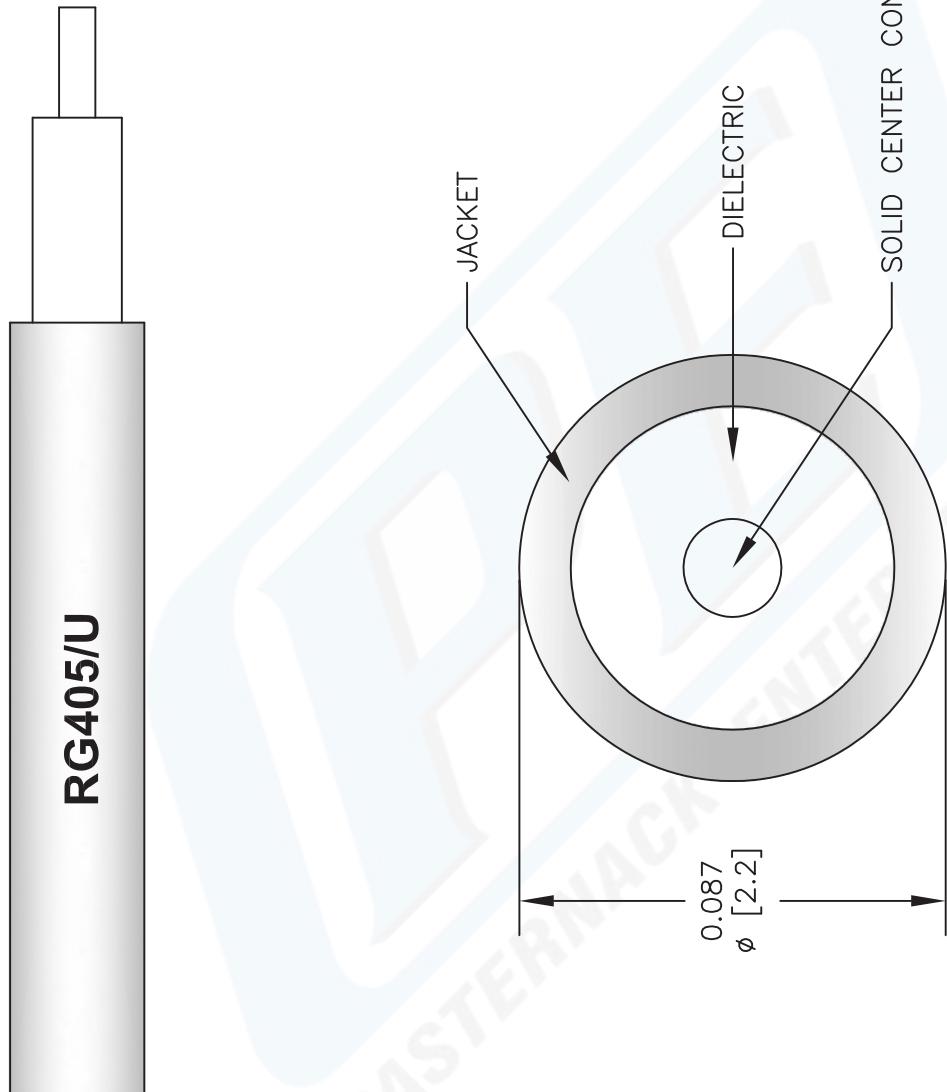
Notes:	Values at 25 °C, sea level
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