



2.92mm Male Precision Connector Clamp/Solder Attachment For PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405

TECHNICAL DATA SHEET

PE44796

2.92mm Male Precision Connector Clamp/Solder Attachment For PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405

Configuration

Connector	2.92mm Male
Connector Interface Type	PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Connector Design	Precision
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 40
Impedance, Ohms	50
Maximum VSWR	1.35:1

Mechanical Specifications

Size

Length, in [mm]	0.813 [20.65]
Width/Dia., in [mm]	0.312 [7.92]

Connector

Type	2.92mm Male
Hex Size, Inch	5/16

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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2.92mm Male Precision Connector Clamp/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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

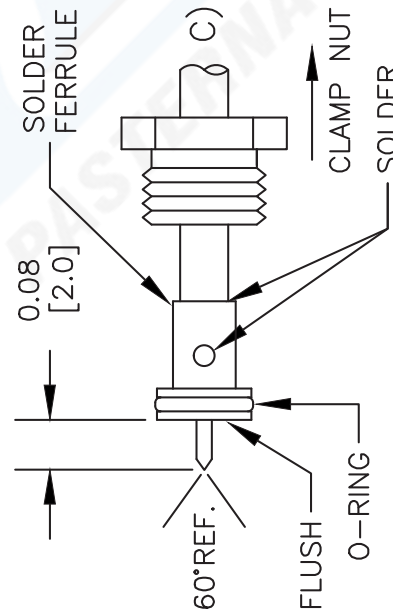
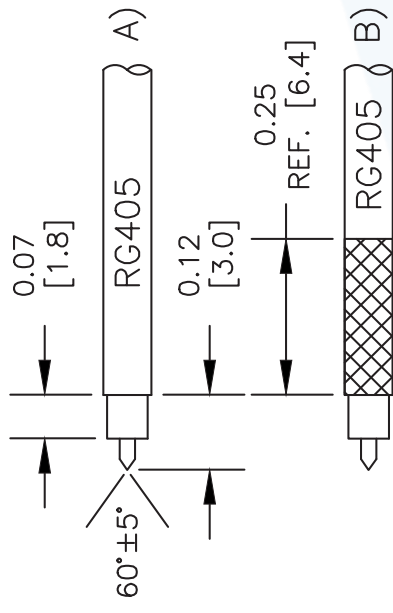
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Male Precision Connector Clamp/Solder Attachment For PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405 PE44796](http://www.pasternack.com/2.92mm-male-standard-pe-sr405al-pe-sr405fl-pe-sr405flj-rg405-connector-pe44796-p.aspx)

URL: <http://www.pasternack.com/2.92mm-male-standard-pe-sr405al-pe-sr405fl-pe-sr405flj-rg405-connector-pe44796-p.aspx>

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PE44796 CAD Drawing

2.92mm Male Precision Connector Clamp/Solder Attachment For
PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK DIELECTRIC.
2. PRE-TIN CABLE JACKET TO APPROXIMATE DIMENSION AS SHOWN IN (B).
3. INSERT CABLE THRU ADAPTER UNTIL IT BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO ADAPTER & TRIM DIELECTRIC AS SHOWN IN (C).
4. SCREW ASSEMBLY INTO BODY & TIGHTEN NUT.

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DWG TITLE

PE44796

FSCM NO. 53919

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.

CAD FILE 042313

SCALE N/A

SIZE A

2233



2.92mm Female Connector Clamp/Solder Attachment
For PE-SR405AL, PE-SR405FL, RG405

TECHNICAL DATA SHEET

PE44228

2.92mm Female Connector Clamp/Solder Attachment For PE-SR405AL, PE-SR405FL, RG405

Configuration

Connector	2.92mm Female
Connector Interface Type	PE-SR405AL, PE-SR405FL, RG405
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

Electrical Specifications

Impedance, Ohms	50
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Mechanical Specifications

Size

Length, in [mm]	0.72 [18.29]
Width/Dia., in [mm]	0.31 [7.87]
Weight, lbs [g]	0.013 [5.9]

Connector

Type	2.92mm Female
Contact Material and Plating	Gold
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PPO

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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Plotted and Other Data

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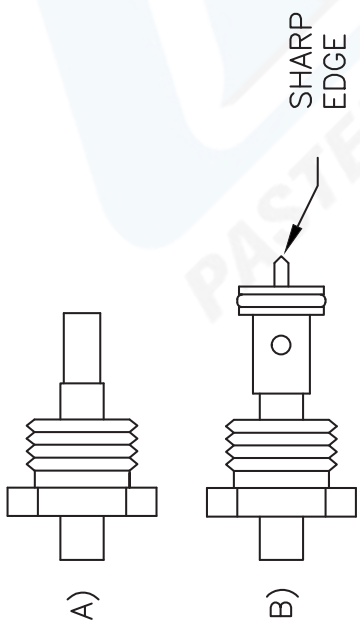
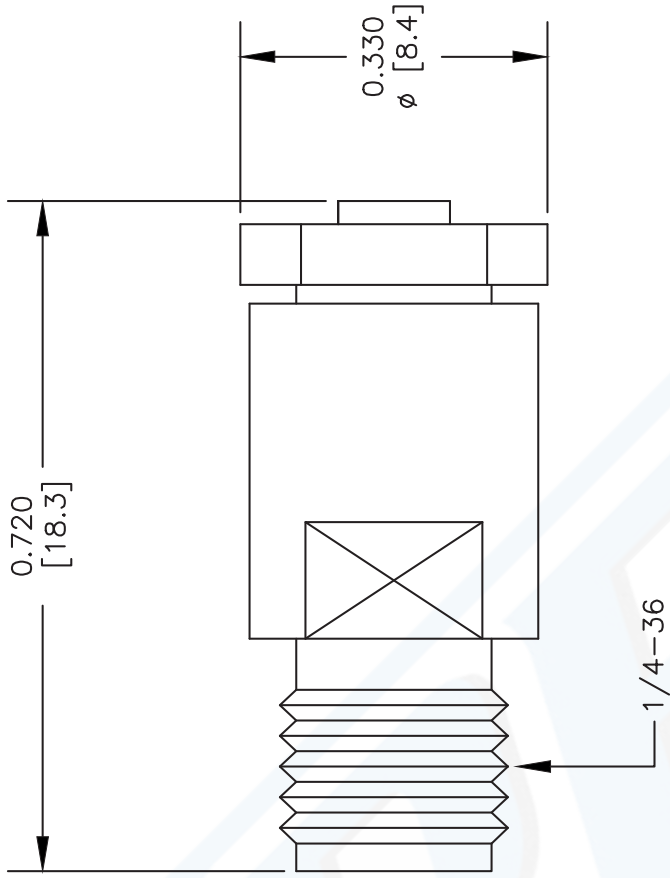
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Female Connector Clamp/Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 PE44228](http://www.pasternack.com/2.92mm-female-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe44228-p.aspx)

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PE44228 CAD Drawing

2.92mm Female Connector Clamp/Solder Attachment
For PE-SR405AL, PE-SR405FL, RG405



ASSEMBLY PROCEDURES

- 1. SLIDE CLAMP NUT OVER CABLE. STRIP CABLE AS SHOWN IN (A). DO NOT NICK DIELECTRIC.
- 2. INSERT CABLE THRU ADAPTER UNTIL IT BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO ADAPTER & TRIM DIELECTRIC AS SHOWN IN (B).
- 3. SCREW ASSEMBLY INTO BODY & TIGHTEN NUT.

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3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE
PE44228

FSCM NO. 53919

CAD FILE 022004 SCALE N/A SIZE A

127

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086 Semi-rigid Coax Cable with Tinned
Aluminum Outer Conductor

TECHNICAL DATA SHEET

PE-SR405AL

086 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor

Configuration

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Tinned Aluminum

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]	23 [75.46]
Power Handling, Watts	130

Frequency 2

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	81 [265.75]
Power Handling, Watts	35

Frequency 3

Frequency, GHz	20
Attenuation, dB/100ft [dB/100m]	131 [429.79]
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 Tinned Aluminum Outer Conductor PE-SR405AL](#)

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086 Semi-rigid Coax Cable with Tinned
Aluminum Outer Conductor

TECHNICAL DATA SHEET

PE-SR405AL

Shield:

Number of	1
Material 1	Tinned Aluminum
Diameter, in [mm]	0.086 [2.18]

Jacket:

Weight, lbs/ft [Kg/m]	0.008 [0.01]
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Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

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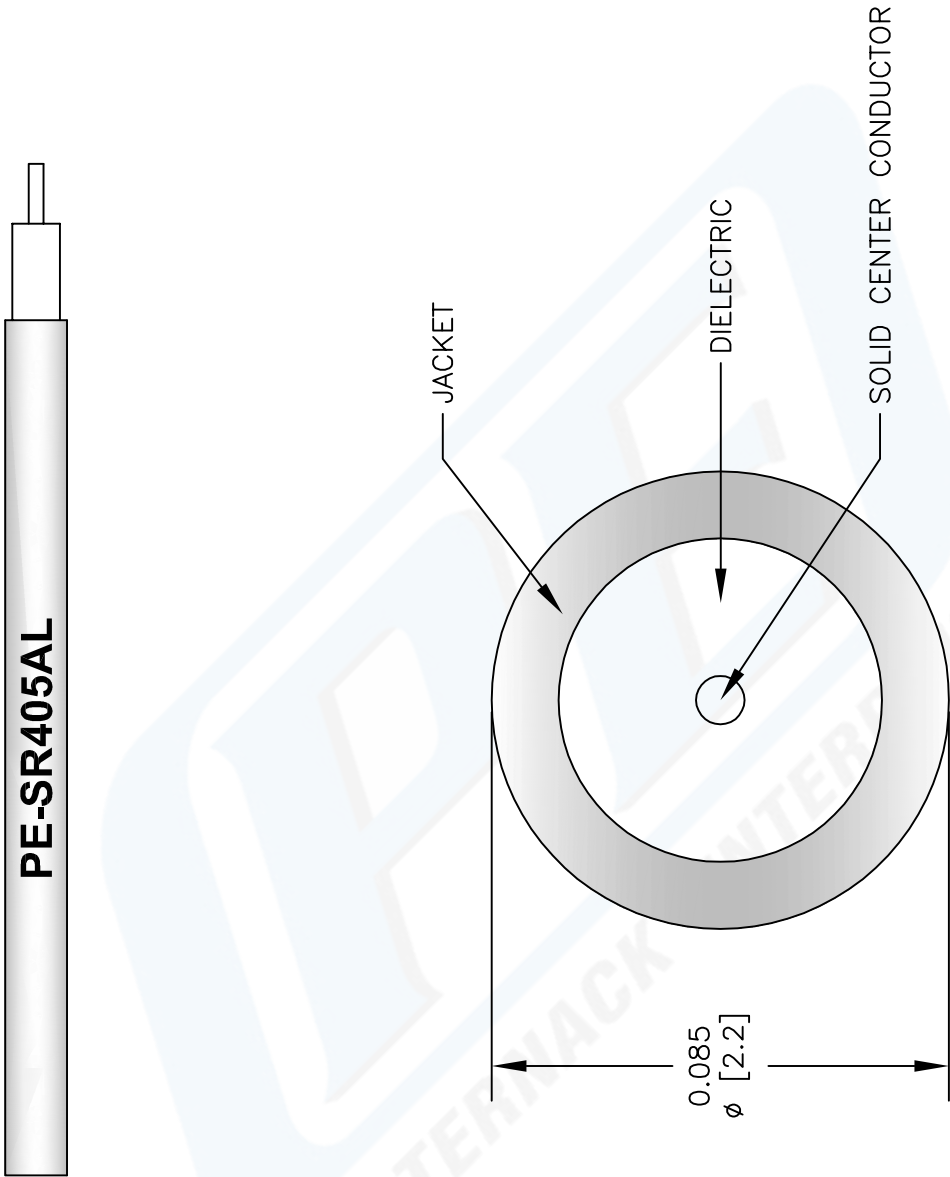
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URL: <http://www.pasternack.com/semirigid-0.085-50-ohm-coax-cable-tinned-aluminum-pe-sr405al-p.aspx>

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PE-SR405AL CAD Drawing

086 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor



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DWG TITLE
PE-SR405AL

REV. A | FSCM NO. 53919

147

SIZE A

SCALE N/A

CAD FILE 022808-A

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