



SMA Female Connector Solder Attachment 4 Hole Flange For  
PE-SR405AL, PE-SR405FL, RG405, .340 inch Hole Spacing

TECHNICAL DATA SHEET

PE4122

**SMA Female Connector Solder Attachment 4 Hole Flange For PE-SR405AL, PE-SR405FL, RG405, .340 inch Hole Spacing**

**Configuration**

Connector	SMA Female
Connector Specification	MIL-STD-348
Connector Interface Type	PE-SR405AL, PE-SR405FL, RG405
Cable Attachment Method (Shield/Contact)	Solder/Solder
Body Style	Straight
Mount Method	4 Hole Flange

**Electrical Specifications**

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Maximum VSWR	1.25:1

**Mechanical Specifications**

**Size**

Length, in [mm]	0.5 [12.7]
Width/Dia., in [mm]	0.5 [13]
Height, in [mm]	0.5 [12.7]
Weight, lbs [g]	0.006 [2.72]

**Connector**

Type	SMA Female
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	MIL-G-45204, Type II, Class 2
Body Material and Plating	Stainless Steel, Gold
Body Plating Specification	MIL-G-45204
Dielectric Type	Teflon

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

RoHS Compliant	Yes
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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: [SMA Female Connector Solder Attachment 4 Hole Flange For PE-SR405AL, PE-SR405FL, RG405, .340 inch Hole Spacing PE4122](#)

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TECHNICAL DATA SHEET

PE4122

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

SMA Female Connector Solder Attachment 4 Hole Flange For PE-SR405AL, PE-SR405FL, RG405, .340 inch Hole Spacing 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.

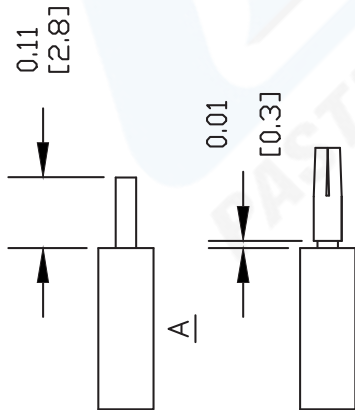
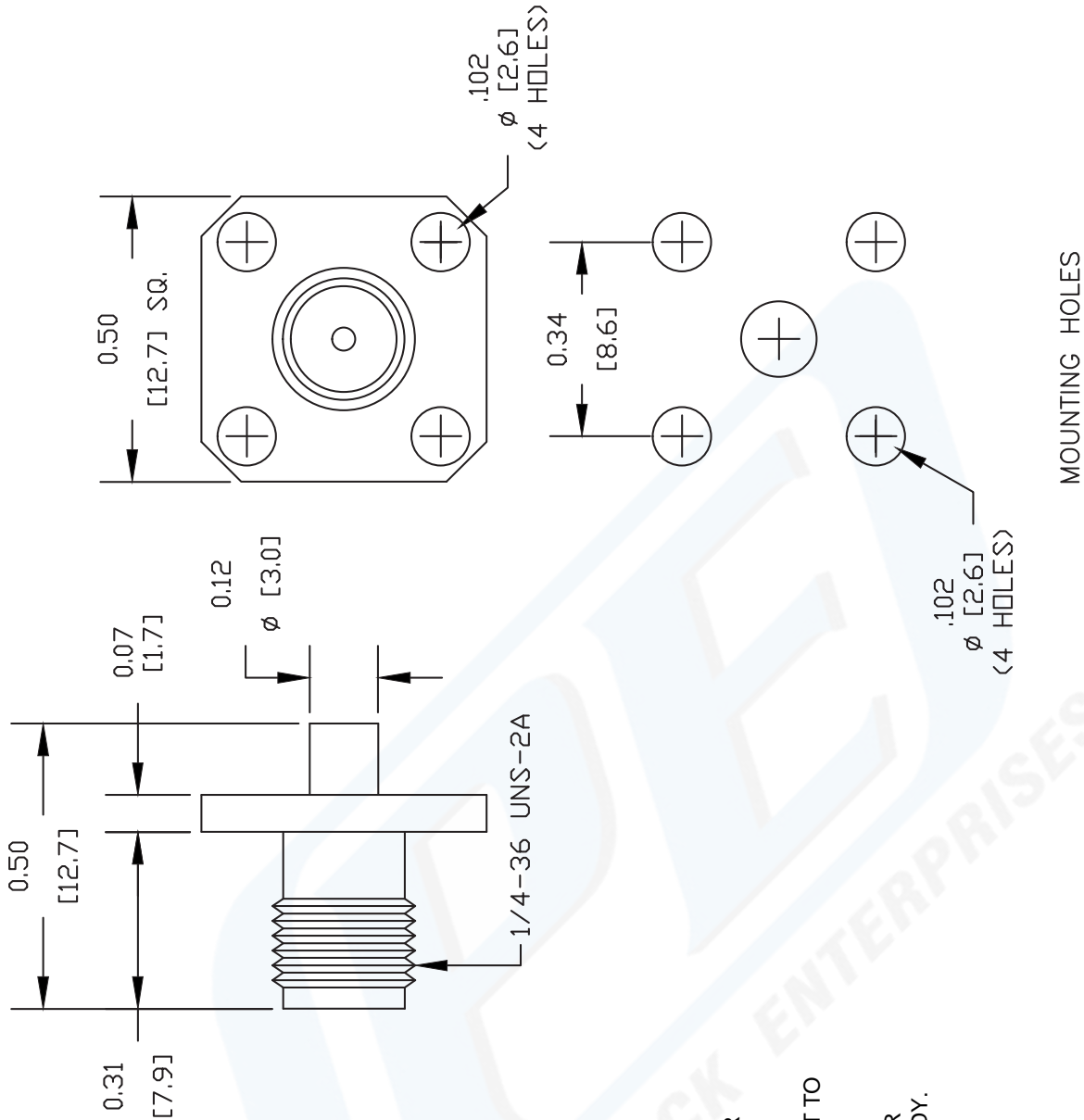
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# PE4122 CAD Drawing

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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.



Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

DWG TITLE

**PE4122**

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.

REV. A

FSCM NO. 53919

CAD FILE 083111

SCALE N/A

SIZE A

2231



SMA Female Connector Solder Attachment 4 Hole Flange For  
PE-SR405AL, PE-SR405FL, RG405, .340 inch Hole Spacing

TECHNICAL DATA SHEET

PE4122

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**Connector**

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Contact Plating Specification	MIL-G-45204, Type II, Class 2
Body Material and Plating	Stainless Steel, Gold
Body Plating Specification	MIL-G-45204
Dielectric Type	Teflon

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

RoHS Compliant	Yes
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TECHNICAL DATA SHEET

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**Plotted and Other Data**

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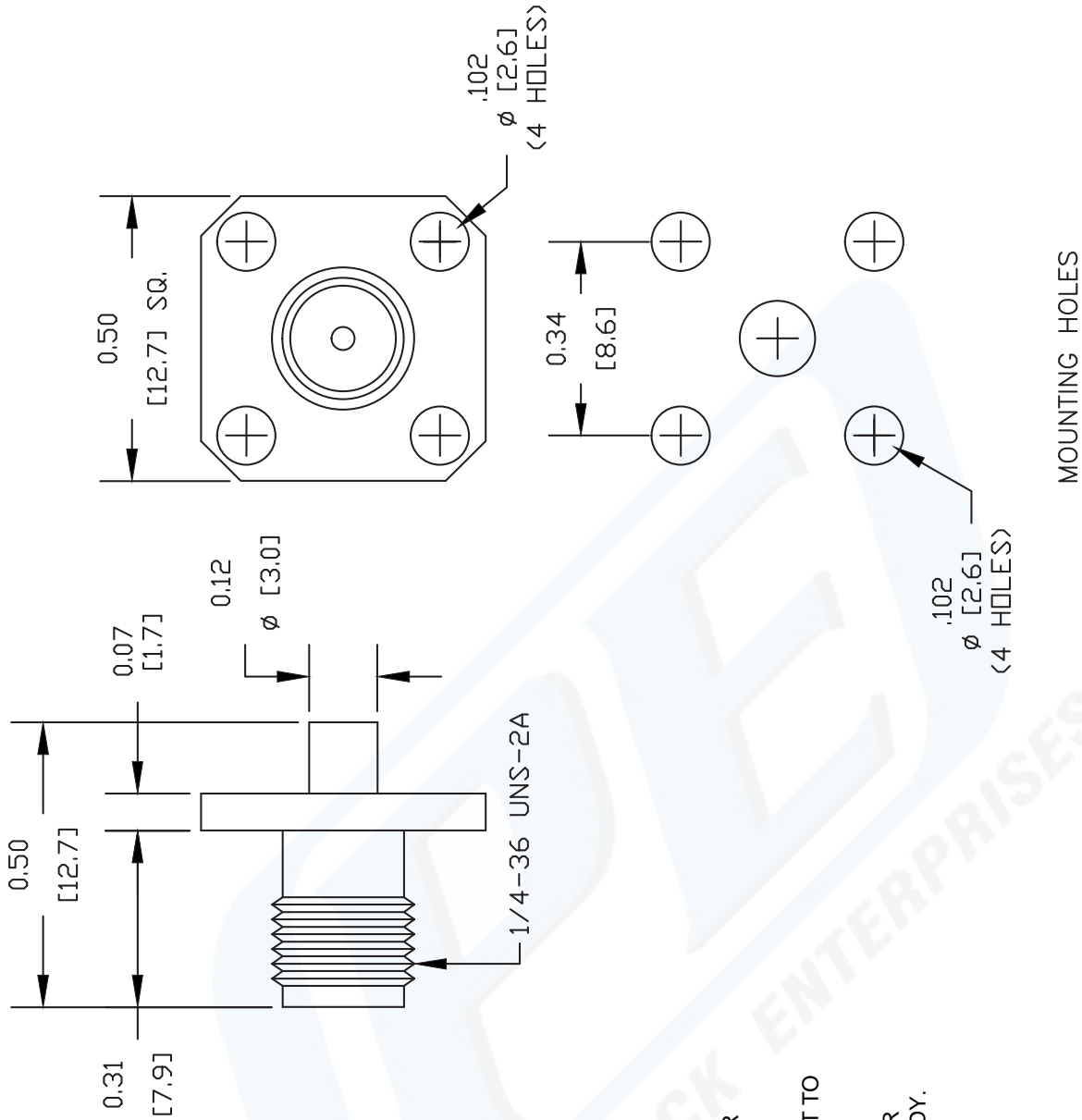
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# PE4122 CAD Drawing

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MOUNTING HOLES

## STRIPPING DIMENSIONS

A

B

## ASSEMBLY PROCEDURES

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DWG TITLE

**PE4122**

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

**PE PASTERNAK®**  
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REV. A FSCM NO. 53919

CAD FILE 083111

SCALE N/A

SIZE A

2231

## 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](http://www.Pasternack.com) for current document)

**Plotted and Other Data**

Notes: Values at 25 °C, sea level

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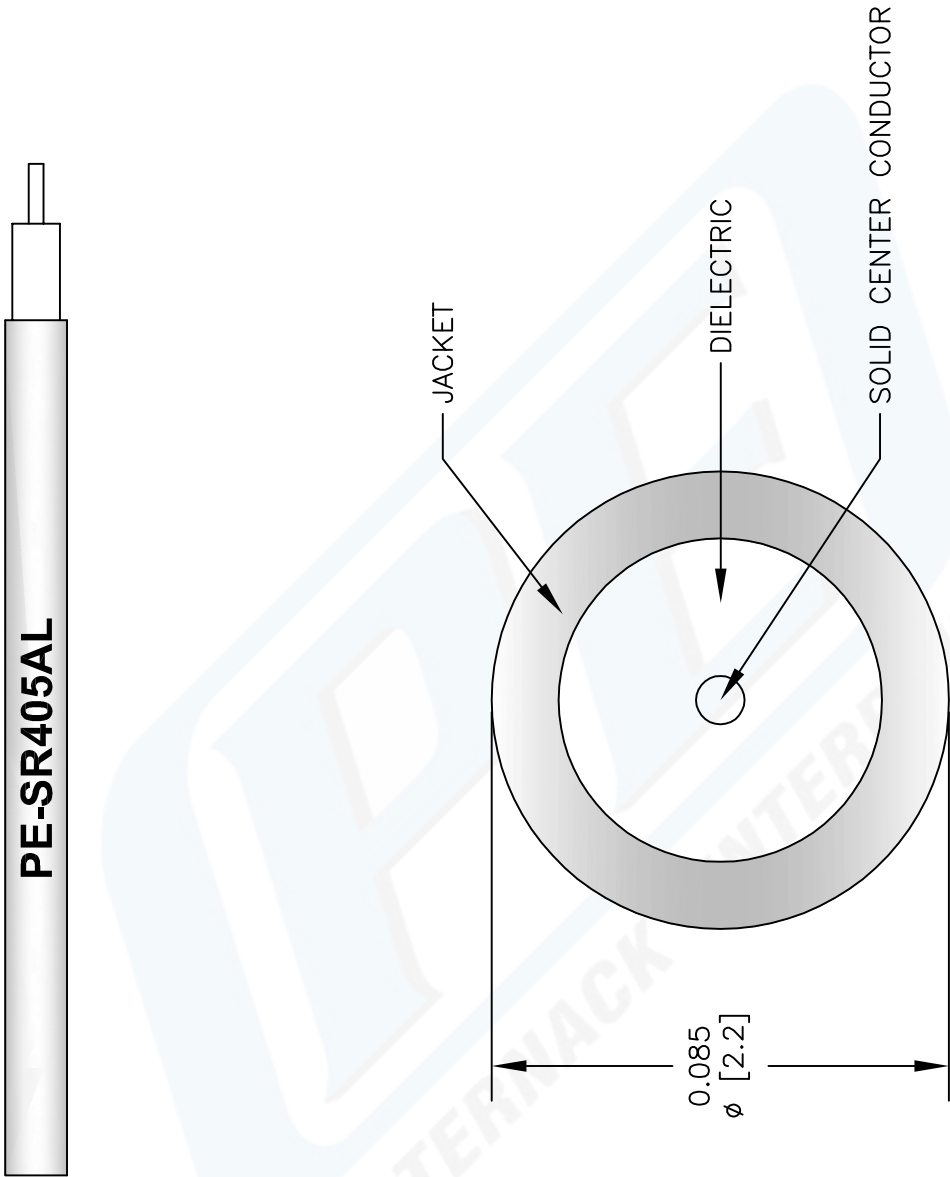
URL: <http://www.pasternack.com/semirigid-0.085-50-ohm-coax-cable-tinned-aluminum-pe-sr405al-p.aspx>

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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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