


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

### 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.

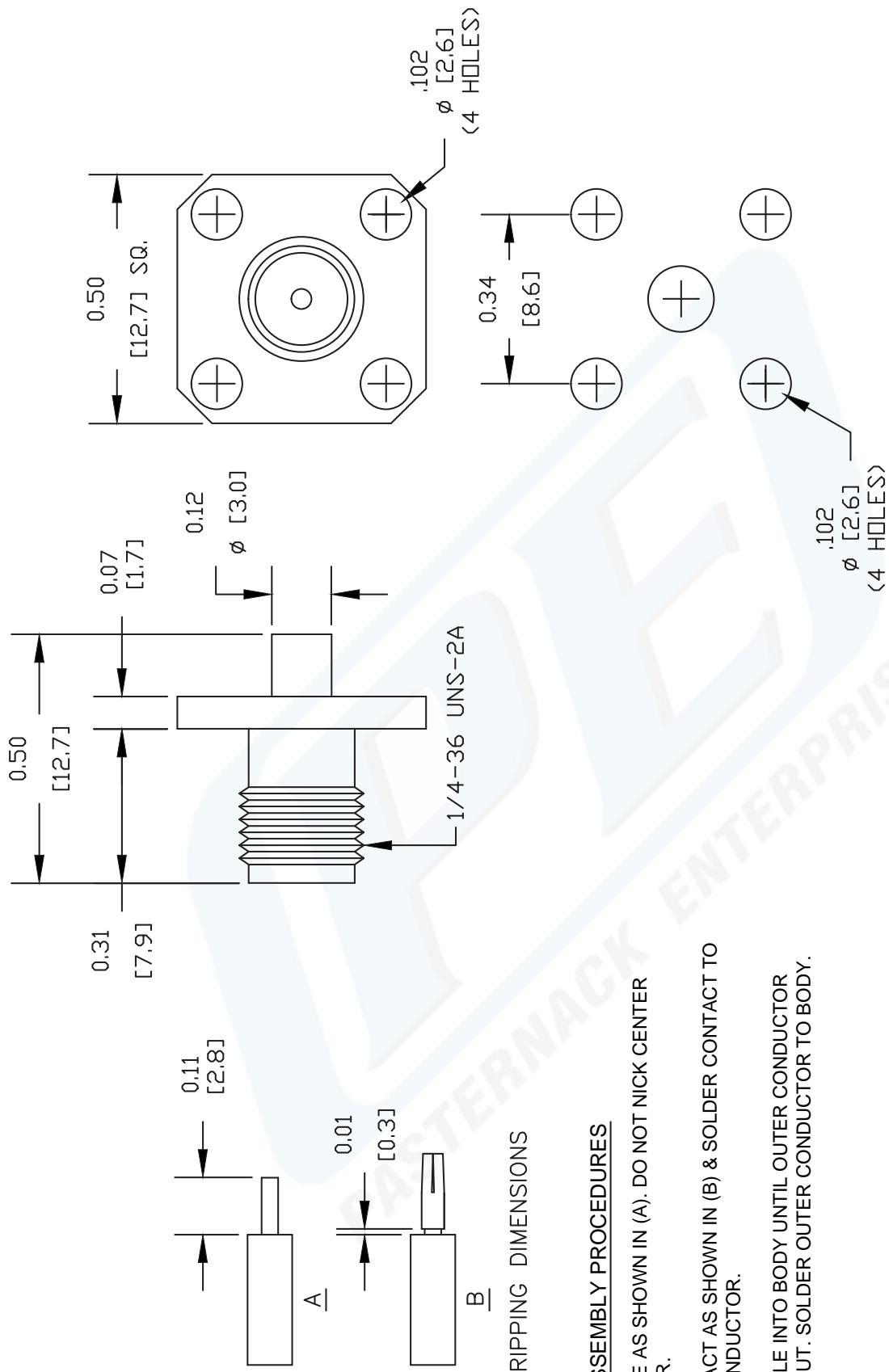
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PE4122 CAD Drawing

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## 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®**

Pasternack Enterprises, Inc.  
PO Box 16759 | Irvine | CA | 92623

1-100, Box 30, 301 11th St., Ona, WV 26441  
Phone: (949) 261-7451 | Fax: (949) 261-7451  
Website: [www.onactormodel.com](http://www.onactormodel.com) | E-Mail: [coloros@onactormodel.com](mailto:coloros@onactormodel.com)

DWG TITLE

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.

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


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RoHS Compliant Yes

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

### TECHNICAL DATA SHEET

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#### Plotted and Other Data

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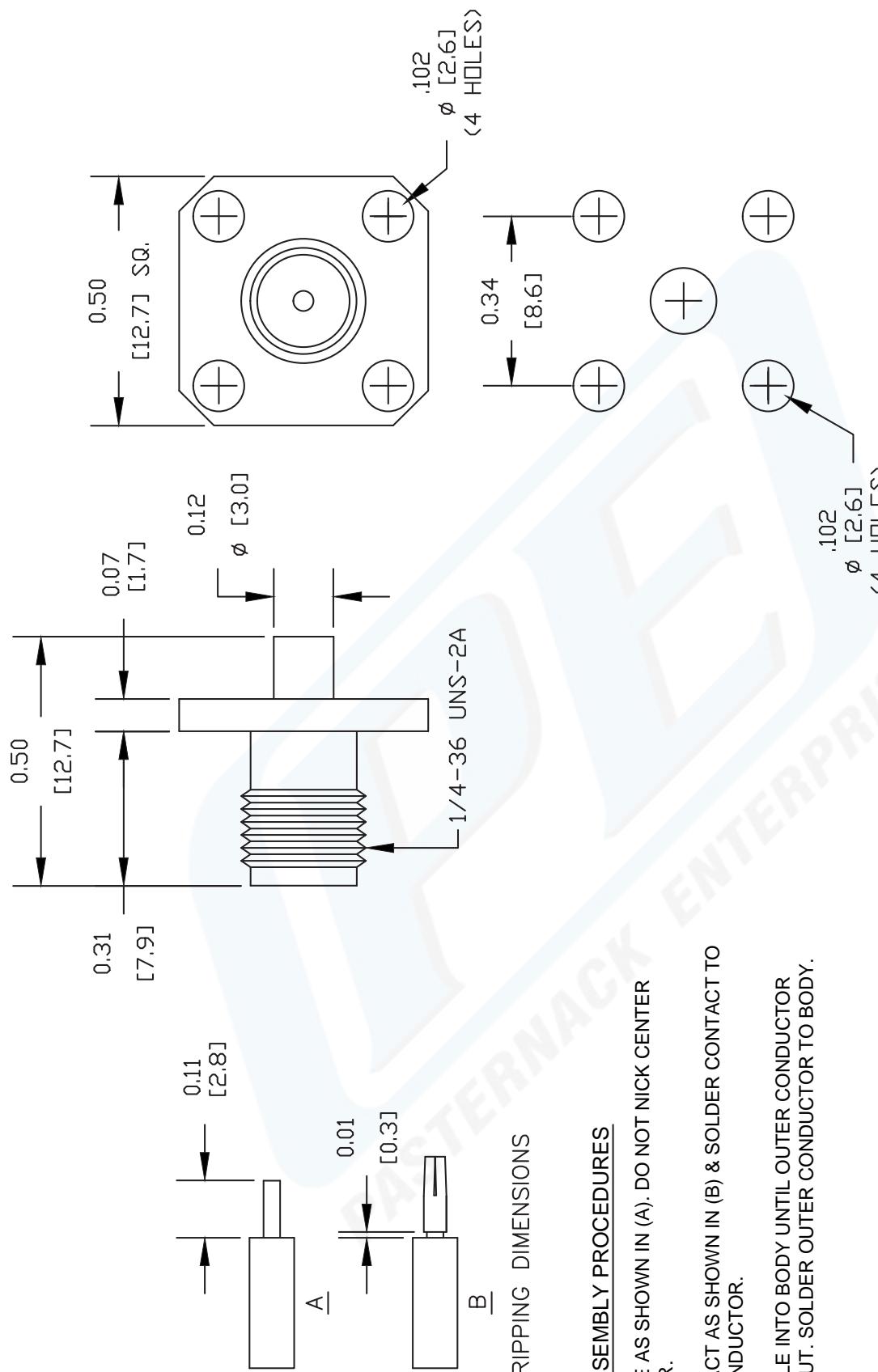
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# PE4122 CAD Drawing

SMA Female Connector Solder Attachment 4 Hole Flange For  
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**DWG TITLE**  
**PE4122**

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Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

REV. A	FSCM NO.	53919	CAD FILE	083111	SCALE N/A	SIZE A	2231
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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]

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

Notes:

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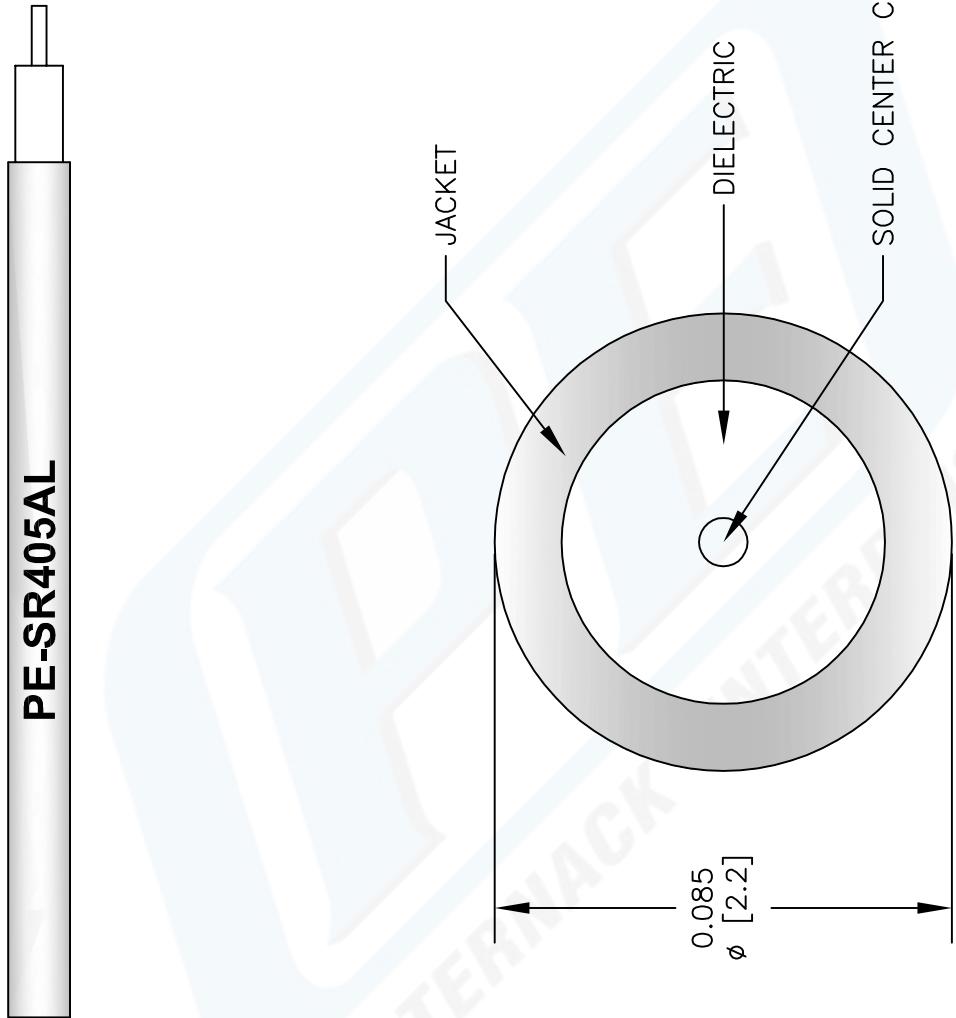
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URL: <http://www.pasternack.com/semirigid-0.085-50-ohm-coax-cable-tinned-aluminum-pe-sr405al-p.aspx>

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# PE-SR405AL CAD Drawing

086 Semi-rigid Coax Cable with Tinned Aluminum Outer Conductor



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**PE-SR405AL**

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