



Mini SMP Female Right Angle Connector Solder
Attachment For PE-SR405AL, PE-SR405FL, RG405

TECHNICAL DATA SHEET

PE44494

Configuration

Connector	Mini SMP Female
Connector Specification	MIL-STD-348A
Connector Interface Type	PE-SR405AL, PE-SR405FL, RG405
Attachment Method (Shield/Contact)	Solder
Body Style	Right Angle

Electrical Specifications

Frequency Range	DC to 65 GHz
Impedance	50 Ohms
Maximum Operating Voltage	325 Volts

Frequency 1

Frequency	DC to 6 GHz
Return Loss	26 dB
Insertion Loss	0.12 dB

Frequency 2

Frequency	6 to 12 GHz
Return Loss	20 dB
Insertion Loss	0.17 dB

Frequency 3

Frequency	12 to 18 GHz
Return Loss	12 dB

Mechanical Specifications

Temperature

Operating Range	-55 to +155 deg C
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Size

Length	0.24 in [6.1 mm]
Width/Dia.	0.138 in [3.51 mm]
Height	0.24 in [6.1 mm]
Weight	0.006 lbs [2.72 g]

Connector

Type	Mini SMP Female
Contact Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Brass, Gold
Dielectric Type	PTFE

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

RoHS Compliant	
REACH Compliant	12/19/2011

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Mini SMP Female Right Angle Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 PE44494](#)



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Plotted and Other Data

Notes:

- Values at +25 °C, sea level

Mini SMP Female Right Angle 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 millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

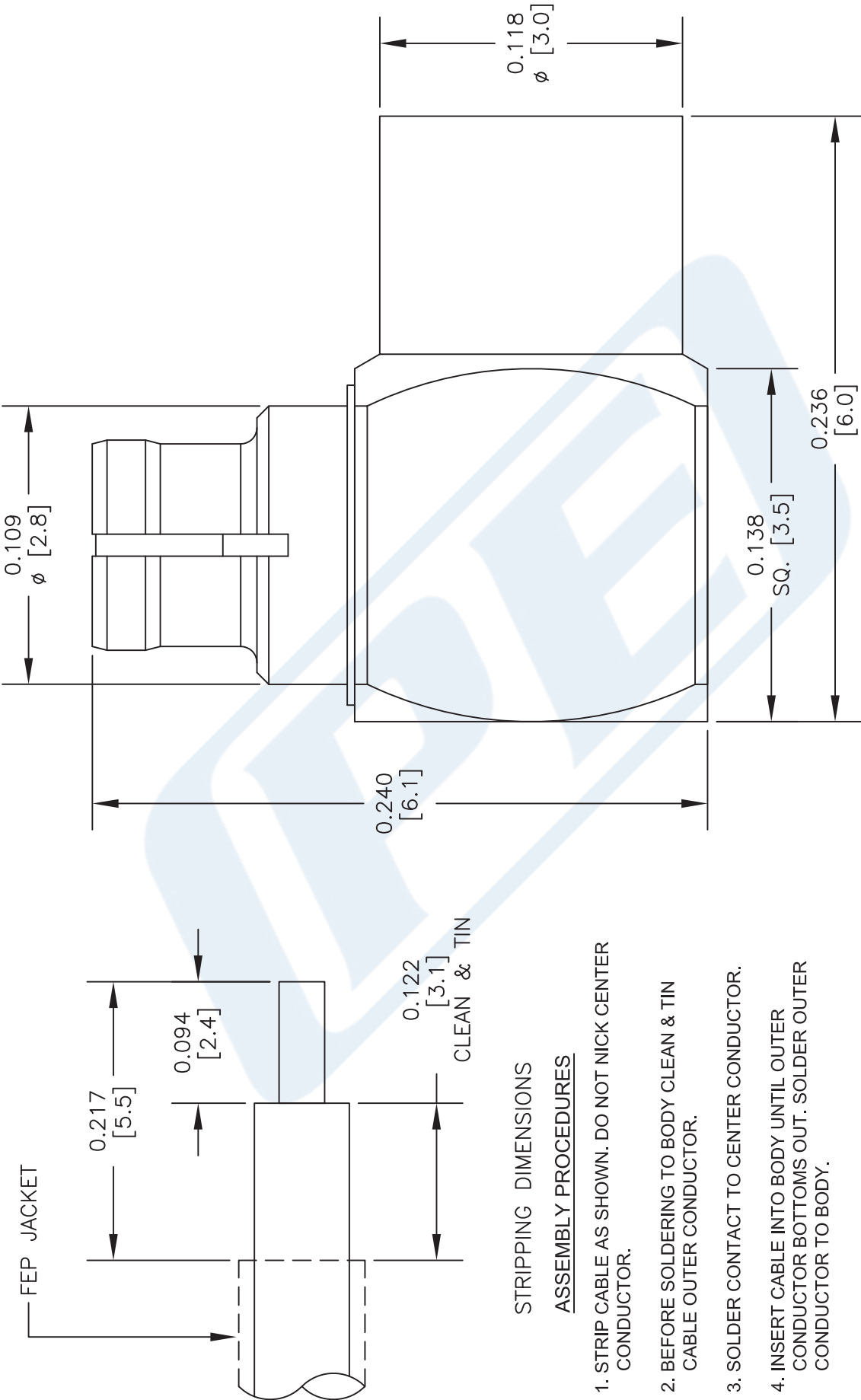
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Mini SMP Female Right Angle Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 PE44494](http://www.pasternack.com/mini-smp-female-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe44494-p.aspx)

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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.

PE44494 CAD Drawing

Mini SMP Female Right Angle Connector Solder Attachment
For PE-SR405AL, PE-SR405FL, RG405



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. BEFORE SOLDERING TO BODY CLEAN & TIN CABLE OUTER CONDUCTOR.
3. SOLDER CONTACT TO CENTER CONDUCTOR.
4. 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.

DWG TITLE

PE44494

FSCM NO. 53919

CAD FILE

081213

SCALE N/A

SIZE A

2233



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