



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

TECHNICAL DATA SHEET

PE44275

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

Configuration

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

Electrical Specifications

Frequency Range, GHz	DC to 26.5
Impedance, Ohms	50
Maximum Operating Voltage, Volts	335
Dielectric Withstanding Voltage, Vrms	500

Frequency 1

Frequency, GHz	DC to 6
VSWR	1.11:1
Return Loss, dB	26
Insertion Loss, dB	0.24

Frequency 2

Frequency, GHz	6 to 12
VSWR	1.22:1
Return Loss, dB	20
Insertion Loss, dB	0.35

Frequency 3

Frequency, GHz	12 to 26.5
VSWR	1.38:1
Return Loss, dB	16
Insertion Loss, dB	0.51

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +155
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Size

Length, in [mm]	0.26 [6.6]
Width/Dia., in [mm]	0.19 [5]
Weight, lbs [g]	0.002 [0.91]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Female Right Angle Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 PE44275](#)

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.



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Connector

Type	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	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

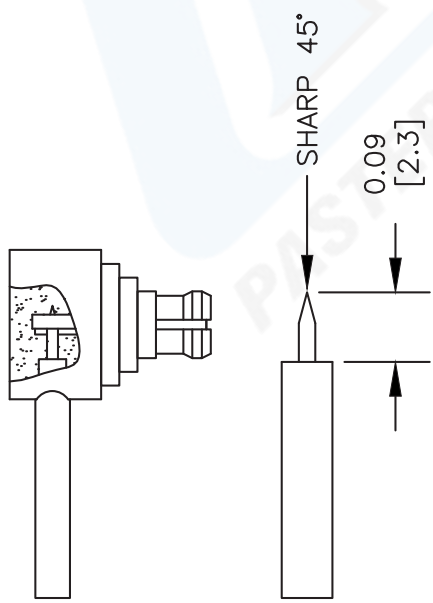
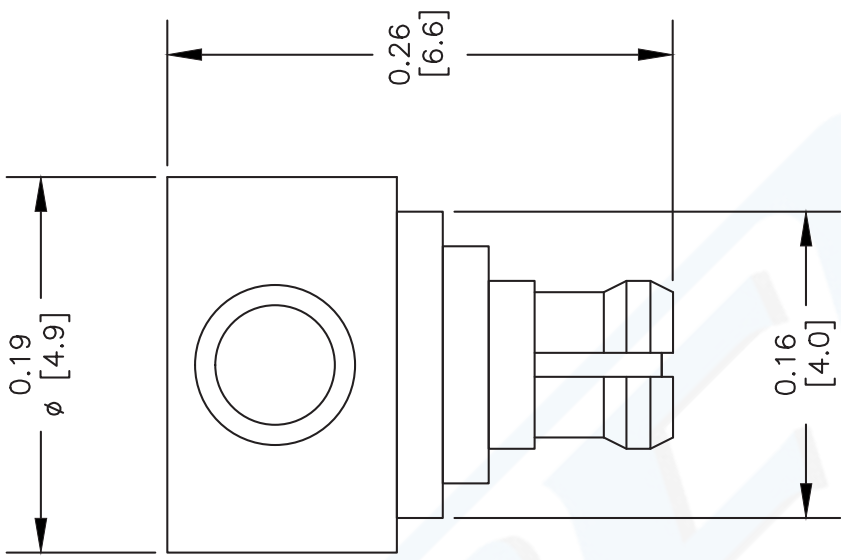
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Female Right Angle Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 PE44275](http://www.pasternack.com/smp-female-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe44275-p.aspx)

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PE44275 CAD Drawing

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STRIPPING DIMENSIONS
ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SHARP CENTER CONDUCTOR.
2. INSERT CABLE INTO BODY UNTIL IT SITS IN PLACE.
3. SOLDER OUTER CONDUCTOR TO BODY. PRESS DOWN CAP.

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
PE44275

REV. A	FSCM NO. 53919	CAD FILE 022912	SCALE N/A	SIZE A	2233
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