



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

TECHNICAL DATA SHEET

PE44492

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

Configuration

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

Electrical Specifications

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

Frequency 1

Frequency, GHz	DC to 18
VSWR	1.11:1
Return Loss, dB	26
Insertion Loss, dB	0.21

Frequency 2

Frequency, GHz	18 to 26.5
VSWR	1.22:1
Return Loss, dB	20

Frequency 3

Frequency, GHz	26.5 to 50
VSWR	1.5:1
Return Loss, dB	14
Insertion Loss, dB	0.26

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +155
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Size

Length, in [mm]	0.343 [8.71]
Width/Dia., in [mm]	0.138 [4]
Weight, lbs [g]	0.006 [2.72]

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 Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 PE44492](#)

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	Mini SMP Female
Contact Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Beryllium Copper, 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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Mini SMP Female 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: [Mini SMP Female Connector Solder Attachment For PE-SR405AL, PE-SR405FL, RG405 PE44492](http://www.pasternack.com/mini-smp-female-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe44492-p.aspx)

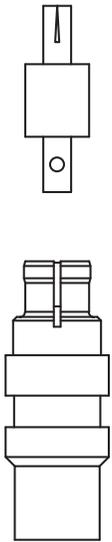
URL: <http://www.pasternack.com/mini-smp-female-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe44492-p.aspx>

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PE44492 CAD Drawing

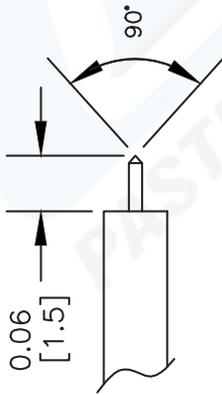
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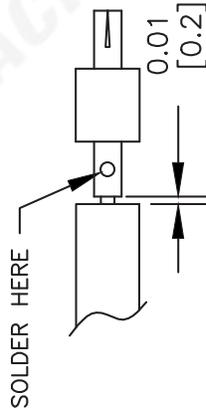
BODY CONTACT

ASSEMBLY PROCEDURES

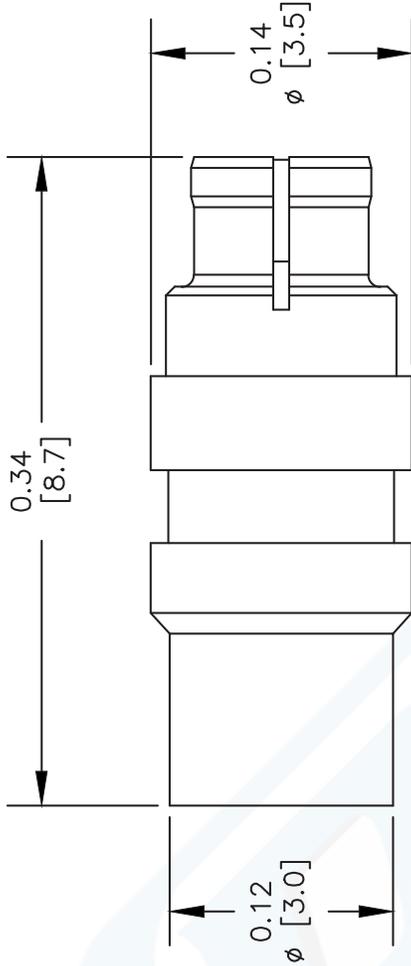
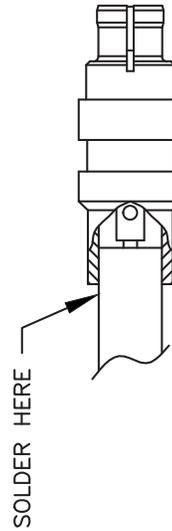
1. STRIP CABLE & CHANFER INNER CONDUCTOR AS SHOWN. DO NOT NICK CENTER CONDUCTOR.



2. SOLDER CONTACT TO CENTER CONDUCTOR MAINTAINING INDICATED SPACING.



3. INSERT CABLE FULLY INTO BODY. SOLDER OUTER CONDUCTOR TO BODY.



DWG TITLE

PE44492

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 021413-A

SCALE N/A

SIZE A

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