



SMP Female Precision Connector Solder Attachment  
For PE-047SR, PE-SR047AL, PE-SR047FL

TECHNICAL DATA SHEET

PE44785

**Configuration**

Connector	SMP Female
Connector Specification	DESC 94008
Connector Interface Type	PE-047SR, PE-SR047AL, PE-SR047FL
Cable Attachment Method (Shield/Contact)	Solder/Solder
Connector Design	Precision
Body Style	Straight

**Electrical Specifications**

Frequency Range, GHz	DC to 40
Impedance, Ohms	50

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-55 to +125
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**Size**

Length, in [mm]	0.25 [6.35]
Width/Dia., in [mm]	0.134 [3.40]
Weight, lbs [g]	0.002 [0.91]

**Connector**

Type	SMP Female
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	MIL-G-45204
Outer Conductor Material and Plating	Beryllium Copper
Body Material and Plating	Beryllium Copper, 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: [SMP Female Precision Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR-047FL PE44785](#)

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.



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**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

SMP Female Precision Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL 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 Precision Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL PE44785](http://www.pasternack.com/smp-female-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe44785-p.aspx)

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# PE44785 CAD Drawing

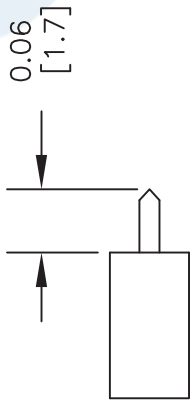
SMP Female Precision Connector Solder Attachment For  
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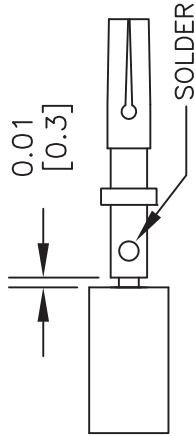
BODY CONTACT

## ASSEMBLY PROCEDURES

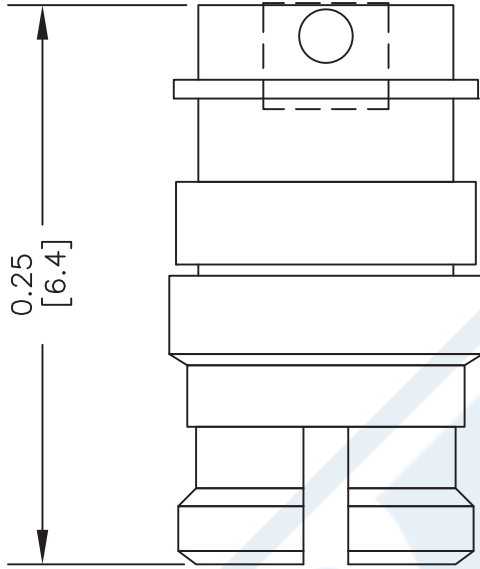
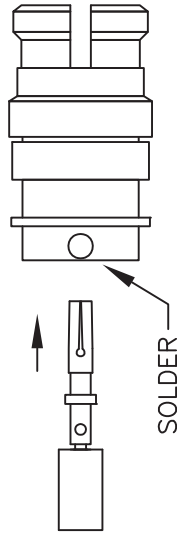
1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.



2. PLACE CONTACT OVER CENTER CONDUCTOR AS SHOWN. SOLDER CONTACT TO CENTER CONDUCTOR AS SHOWN.



3. INSERT CABLE AND CONTACT INTO CONNECTOR BODY UNTIL FULLY ENGAGED. SOLDER BODY TO CABLE.



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DWG TITLE

PE44785

FSCM NO. 53919

CAD FILE 020613

SCALE N/A

SIZE A

2233

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.