



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

TECHNICAL DATA SHEET

PE44491

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

Configuration

Connector	Mini SMP Female
Connector Specification	MIL-STD-348A
Connector Interface Type	PE-047SR, PE-SR047AL, PE-SR047FL
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	0.17

Frequency 2

Frequency, GHz	18 to 40
VSWR	1.33:1
Return Loss, dB	17

Frequency 3

Frequency, GHz	40 to 65
VSWR	1.67:1
Return Loss, dB	12

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +155
------------------------	-------------

Size

Length, in [mm]	0.26 [6.6]
Width/Dia., in [mm]	0.13 [3]
Weight, lbs [g]	0.006 [2.72]

Connector

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

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-047SR, PE-SR047AL, PE-SR047FL PE44491](#)

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.



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

TECHNICAL DATA SHEET

PE44491

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

RoHS Compliant

Yes

Plotted and Other Data

Notes:

Values at 25 °C, sea level

Mini SMP Female 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.

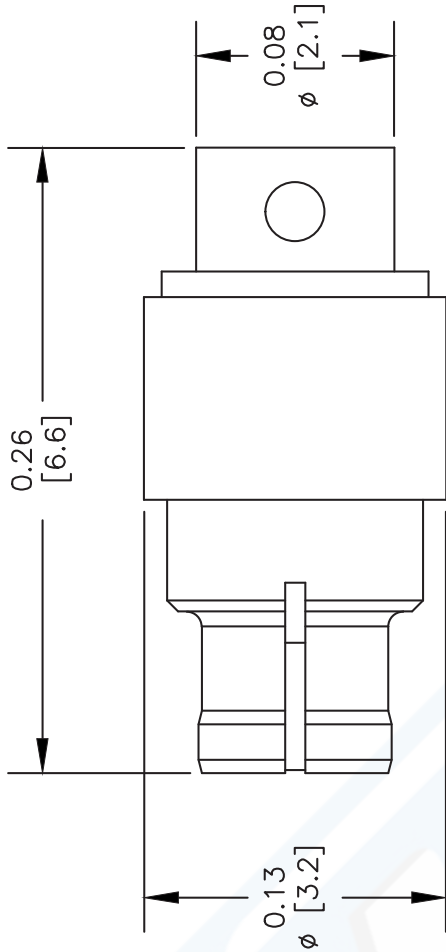
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Mini SMP Female Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL PE44491](http://www.pasternack.com/mini-smp-female-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe44491-p.aspx)

URL: <http://www.pasternack.com/mini-smp-female-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe44491-p.aspx>

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.

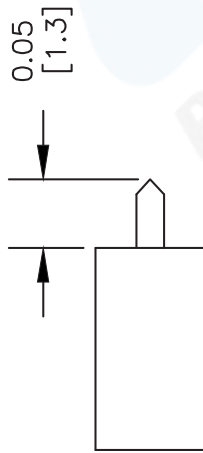
PE44491 CAD Drawing

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

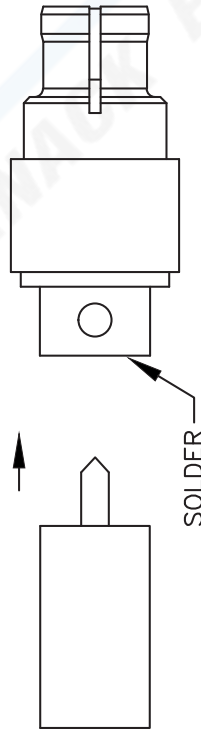


ASSEMBLY PROCEDURES

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



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



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].

DWG TITLE

PE44491

REV. A

FSCM NO. 53919

CAD FILE 020212

SCALE N/A

SIZE A

2233

(PE) PASTERNAK®
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com