

SMA Female Bulkhead Connector Solder Attachment For
PE-047SR, PE-SR047AL, PE-SR047FL, .235 inch D Hole



TECHNICAL DATA SHEET

PE4581

SMA Female Bulkhead Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL, .235 inch D Hole

Configuration

Connector	SMA Female
Connector Specification	MIL-STD-348
Connector Interface Type	PE-047SR, PE-SR047AL, PE-SR047FL
Cable Attachment Method (Shield/Contact)	Solder/Solder
Body Style	Straight
Mount Method	Bulkhead

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Maximum VSWR	1.25:1

Mechanical Specifications

Size

Length, in [mm]	0.8 [20.32]
Width/Dia., in [mm]	0.438 [11]
Weight, lbs [g]	0.013 [5.9]

Connector

Type	SMA Female
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	MIL-G-45204, Type II, Class 2
Body Material and Plating	Stainless Steel, Gold
Body Plating Specification	MIL-G-45204
Dielectric Type	Teflon

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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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Bulkhead Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL, .235 inch D Hole PE4581](#)

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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SMA Female Bulkhead Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL, .235 inch D Hole 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.

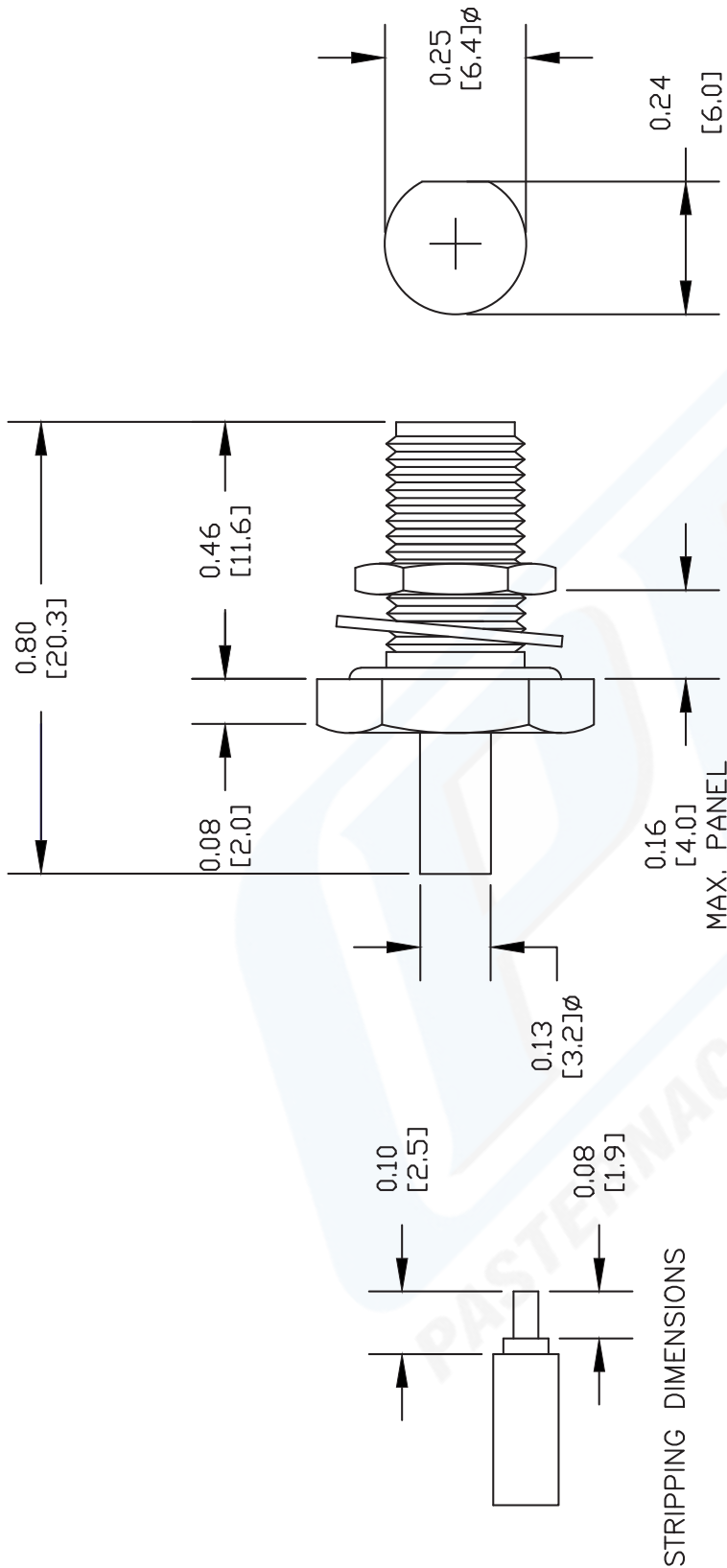
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Bulkhead Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL, .235 inch D Hole PE4581](http://www.pasternack.com/sma-female-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe4581-p.aspx)

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PE4581 CAD Drawing

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MOUNTING HOLE

STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. PUSH CABLE THROUGH CONNECTOR. SOLDER CONTACT TO CENTER CONDUCTOR.
3. PULL BACK ON CABLE TILL CONTACT IS FLUSH WITH DIELECTRIC. 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
PE4581

FSCM NO. 53919

SIZE A

SCALE N/A

CAD FILE 110408-A

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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