



SMA Female Connector Solder Attachment for
PE-047SR, PE-SR047AL, PE-SR047FL

TECHNICAL DATA SHEET

PE4418

Configuration

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

Electrical Specifications

Frequency Range	DC to 18 GHz
Impedance	50 Ohms
Maximum VSWR	1.45:1
Maximum Operating Voltage	500 Volts

Mechanical Specifications

Temperature	
Operating Range	-65 to +165 deg C

Size

Length	0.46 in [11.68 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.004 lbs [1.81 g]

Connector

Type	SMA Female
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	50µ in. minimum
Body Material and Plating	Stainless Steel, Gold
Body Plating Specification	30µ in. minimum
Dielectric Type	Teflon

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

RoHS Compliant	
REACH Compliant	06/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Connector Solder Attachment for PE-047SR, PE-SR047AL, PE-SR047FL PE4418](#)



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Plotted and Other Data

Notes:

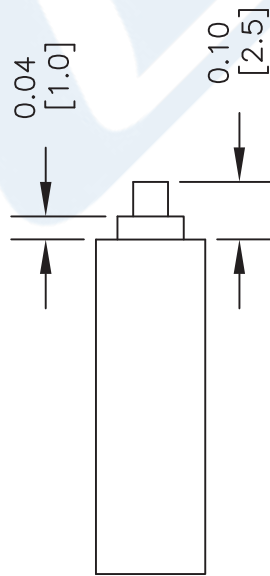
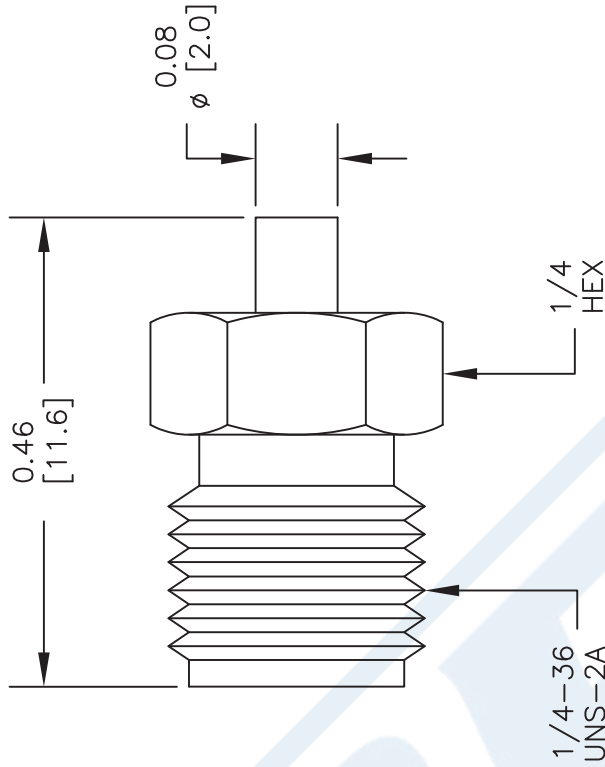
- Values at +25 °C, sea level

SMA 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 millimeter wave 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 Connector Solder Attachment for PE-047SR, PE-SR047AL, PE-SR047FL PE4418](#)

URL: <http://www.pasternack.com/sma-female-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe4418-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. 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.



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR. SLIDE CABLE THROUGH BODY.
2. INSERT CENTER CONDUCTOR INTO CONTACT UNTIL DIELECTRIC BOTTOMS INSIDE CONTACT. SOFT SOLDER CONTACT TO CENTER CONDUCTOR. DO NOT OVER HEAT DIELECTRIC.
3. USING ASSEMBLY TOOL, PRESS CONTACT FULLY INTO INSULATOR. SOLDER OUTER CONDUCTOR TO BODY.

DWG TITLE

PE4418

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. -

FSCM NO. 53919

CAD FILE 120104

SCALE N/A

SIZE A

2233



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