



SMA Female Connector Solder Attachment 2 Hole Flange For PE-047SR, PE-SR047AL, PE-SR047FL, .481 inch Hole Spacing

RF Connectors Technical Data Sheet

PE4547

Configuration

- SMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- PE-047SR, PE-SR047AL, PE-SR047FL Interface Type
- Solder/Solder Attachment
- 2 Hole Flange

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.5:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	0.439 in [11.15 mm]
Width/Dia.	0.223 in [5.66 mm]
Height	0.63 in [16 mm]
Weight	0.005 lbs [2.27 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	Teflon	
Outer Conductor	Stainless Steel	Gold MIL-G-45204
Body	Stainless Steel	Gold MIL-G-45204

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 2 Hole Flange For PE-047SR, PE-SR047AL, PE-SR047FL, .481 inch Hole Spacing PE4547](#)

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Temperature

Operating Range

-65 to 165 deg C

RoHS Compliant

REACH Compliant

06/18/2012

Notes:

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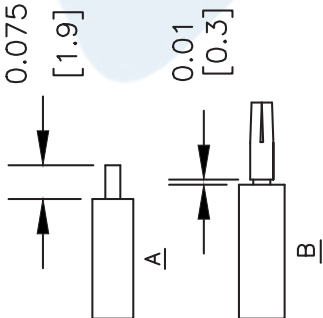
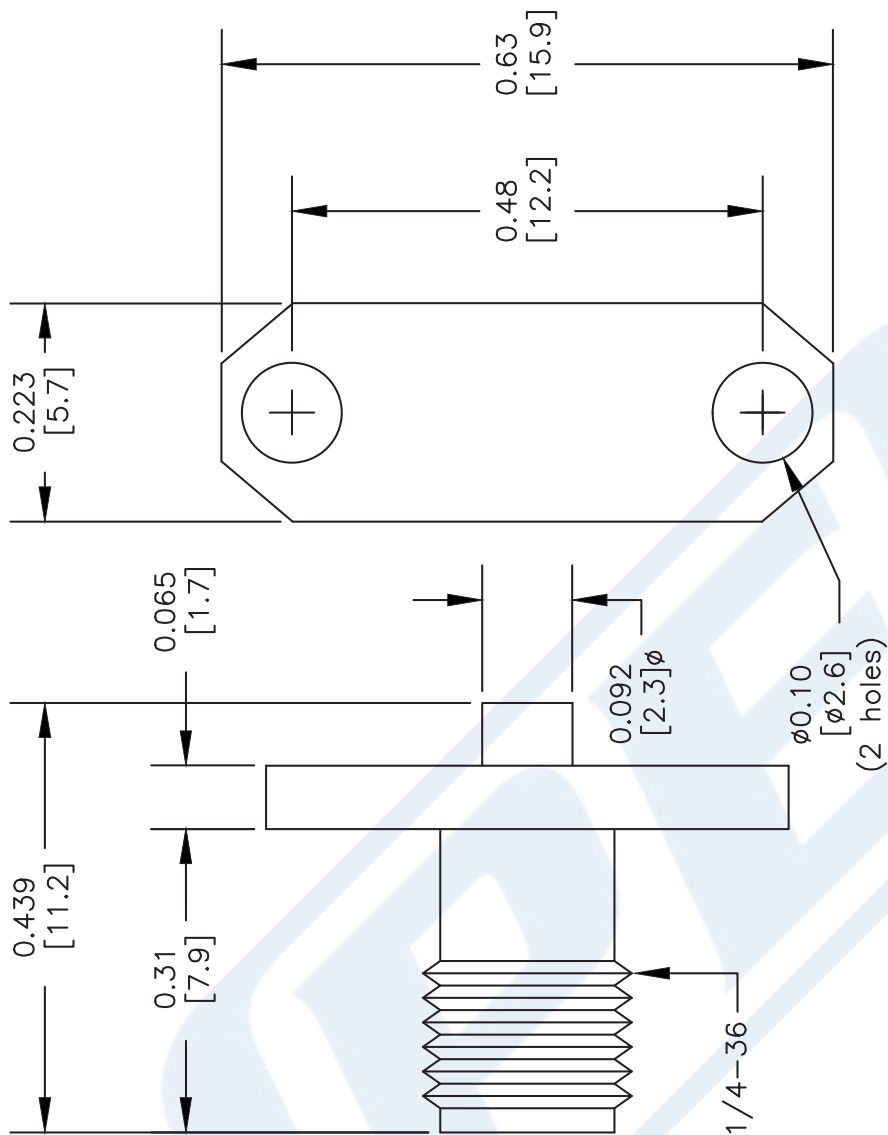
URL: <http://www.pasternack.com/sma-female-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe4547-p.aspx>

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.



PE4547 CAD Drawing

SMA Female Connector Solder Attachment 2 Hole Flange For PE-047SR, PE-SR047AL, PE-SR047FL, .481 inch Hole Spacing



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR. SLIDE CABLE THROUGH THE CONNECTOR.

SHIM CONTACT AS SHOWN IN (B) & SOLDER CONTACT TO CENTER CONDUCTOR.

PULL DOWN ON CABLE TILL CONTACT IS FLUSH WITH DIELECTRIC. SOLDER OUTER CONDUCTOR TO BODY.

DWG TITLE

PE4547

- 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.

FSCM NO. 53919

SCALE N/A

SIZE A

CAD FILE 051402

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