



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

TECHNICAL DATA SHEET

PE44493

Mini SMP Female Right Angle 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	Right Angle

Electrical Specifications

Frequency Range, GHz	DC to 65
Impedance, Ohms	50
Maximum Operating Voltage, Volts	325

Frequency 1

Frequency, GHz	DC to 6
Return Loss, dB	26
Insertion Loss, dB	0.12

Frequency 2

Frequency, GHz	6 to 12
Return Loss, dB	20
Insertion Loss, dB	0.17

Frequency 3

Frequency, GHz	12 to 18
Return Loss, dB	12

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +155
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Size

Length, in [mm]	0.24 [6.1]
Width/Dia., in [mm]	0.136 [3]
Height, in [mm]	0.2 [5.08]
Weight, lbs [g]	0.006 [2.72]

Connector

Type	Mini SMP Female
Contact Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Brass, 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 Right Angle Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL PE44493](#)

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

RoHS Compliant

Yes

Plotted and Other Data

Notes:

Values at 25 °C, sea level

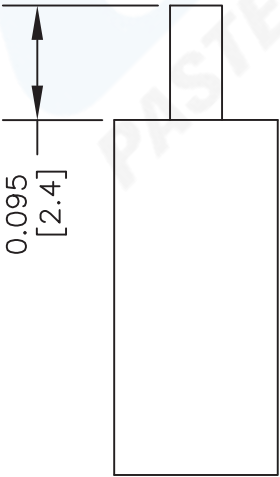
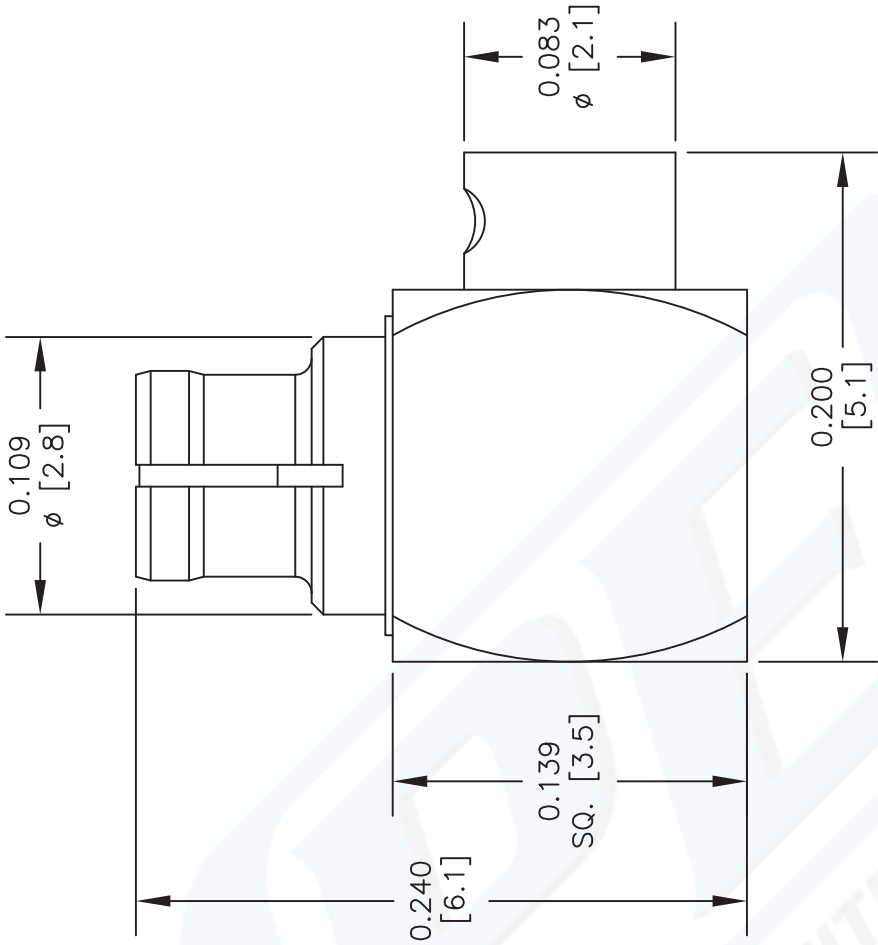
URL: <http://www.pasternack.com/mini-smp-female-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe44493-p.aspx>

Mini SMP Female Right Angle Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL from Pasternack Enterprises has same day shipment for domestic and International orders. We maintain 99% availability of the industry's broadest selection of RF, microwave and fiber optic products.

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PE44493 CAD Drawing

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STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN TIN CENTER CONDUCTOR.
2. INSERT CABLE INTO BODY UNTIL IT STOPS.
3. SOFT SOLDER CONTACT AND OUTER CONDUCTOR, PRESS CAP DOWN.

DWG TITLE

PE44493

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.

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COAXIAL & FIBER OPTICS



REV. A

FSCM NO. 53919

CAD FILE 081412

SCALE N/A

SIZE A

2233