



SMP Female Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL, 18 GHz Version

TECHNICAL DATA SHEET

PE44273

SMP Female Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL, 18 GHz Version

Configuration

Connector	SMP 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

Electrical Specifications

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

Mechanical Specifications

Size

Length, in [mm]	0.25 [6.35]
Width/Dia., in [mm]	0.135 [3.43]
Weight, lbs [g]	0.002 [0.91]

Connector

Type	SMP Female
Contact Material and Plating	Beryllium Copper, Gold
Contact Plating Specification	MIL-G-45204, Type II, Class 2
Body Material and Plating	Beryllium Copper, 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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SMP Female Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL, 18 GHz Version 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.

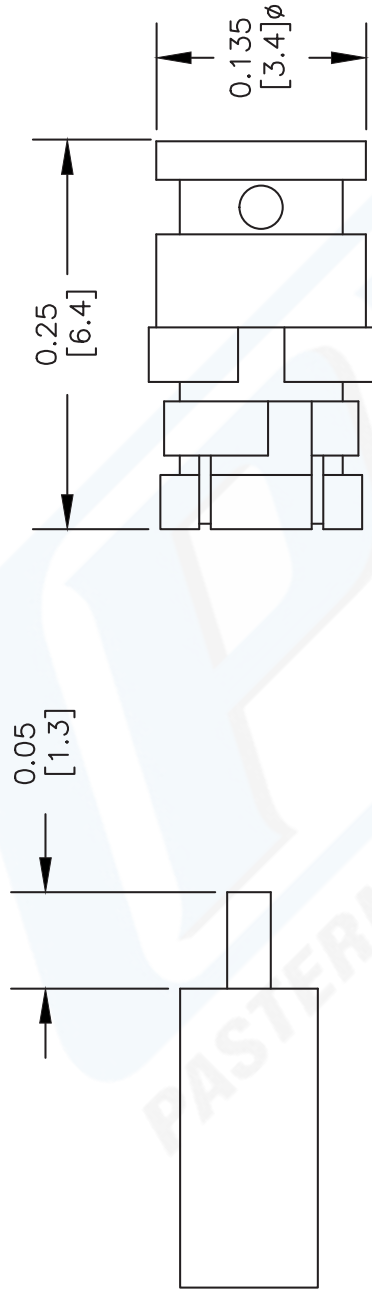
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Female Connector Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL, 18 GHz Version PE44273](http://www.pasternack.com/smp-female-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe44273-p.aspx)

URL: <http://www.pasternack.com/smp-female-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe44273-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.

PE44273 CAD Drawing

SMP Female Connector Solder Attachment For PE-047SR,
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STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. SOLDER CONTACT TO CENTER CONDUCTOR
3. INSERT CABLE INTO BODY UNTIL IT BOTTOMS OUT. SOLDER OUTER CONDUCTOR TO BODY.

DWG TITLE

PE44273

FSCM NO. 53919

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.

CAD FILE 070202

SCALE N/A

SIZE A

2233

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