



D-Sub Plug Contact Solder Attachment For
PE-047SR, PE-SR047AL, PE-SR047FL

TECHNICAL DATA SHEET

PE4846

D-Sub Plug Contact Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL

Configuration

Connector	D-Sub Plug
Connector Interface Type	PE-047SR,PE-SR047AL,PE-SR047FL
Cable Attachment Method (Shield/Contact)	Solder/Solder
Body Style	Straight

Electrical Specifications

Impedance, Ohms	50
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Mechanical Specifications

Size

Length, in [mm]	0.858 [21.79]
Width/Dia., in [mm]	0.22 [5.59]
Weight, lbs [g]	0.006 [2.72]

Connector

Type	D-Sub Plug
Contact Material and Plating	Gold
Body Material and Plating	Brass, Gold
Dielectric Type	PTFE

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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D-Sub Plug Contact 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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

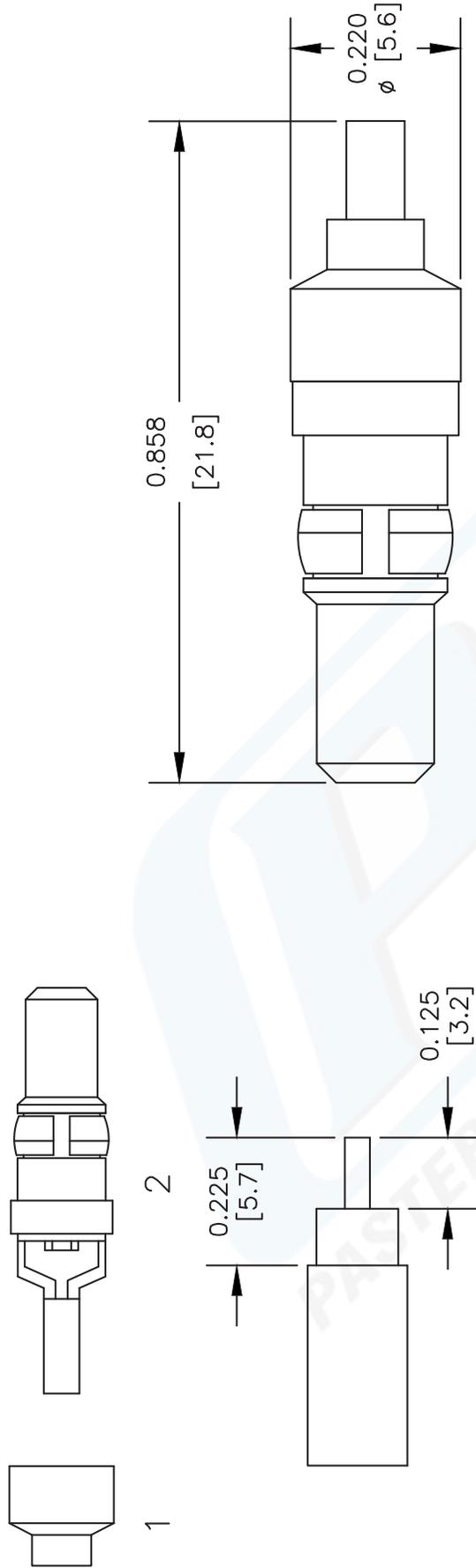
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [D-Sub Plug Contact Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL PE4846](http://www.pasternack.com/d-sub-plug-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe4846-p.aspx)

URL: <http://www.pasternack.com/d-sub-plug-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe4846-p.aspx>

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PE4846 CAD Drawing

D-Sub Plug Contact Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR. SLIDE FERRULE (1) ONTO CABLE.
2. INSERT CABLE INTO BODY UNTIL IT SEATS IN PLACE, SOLDER CONTACT TO CENTER CONDUCTOR.
3. SOLDER BODY TO OUTER CONDUCTOR THROUGH HOLE, SLIDE FERRULE FORWARD & SOLDER TO BODY.

DWG TITLE

PE4846

- 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

CAD FILE 061102

SCALE N/A

SIZE A

127



PASTERNAK®

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D-Sub Plug Contact Solder Attachment For
PE-047SR, PE-SR047AL, PE-SR047FL

TECHNICAL DATA SHEET

PE4846

D-Sub Plug Contact Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL

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RoHS Compliant	Yes
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Plotted and Other Data

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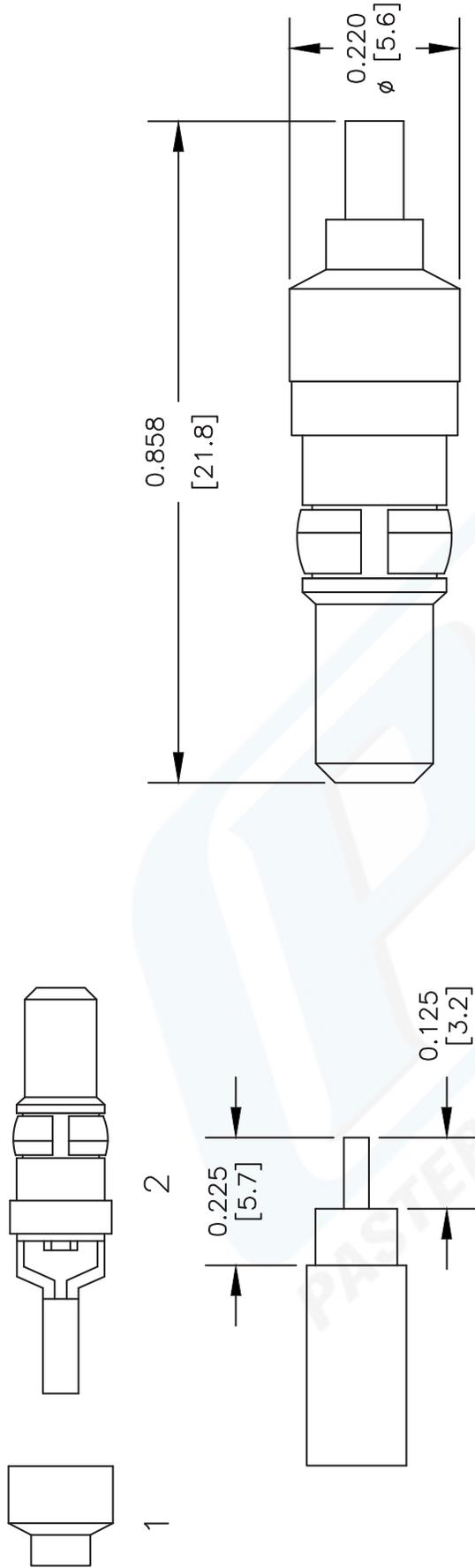
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PE4846 CAD Drawing

D-Sub Plug Contact Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL



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DWG TITLE

PE4846

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FSCM NO. 53919

CAD FILE 061102

SCALE N/A

SIZE A

127



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047 Semi-rigid Coax Cable with Copper Outer Conductor

TECHNICAL DATA SHEET

PE-047SR

Configuration

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Copper

Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	40
Dielectric Withstanding Voltage, Vrms	2,000

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	40 [131.23]
Power Handling, Watts	32

Frequency 2

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	130 [426.51]
Power Handling, Watts	9

Frequency 3

Frequency, GHz	20
Attenuation, dB/100ft [dB/100m]	190 [623.36]
Power Handling, Watts	6.5

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +100
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Inner Conductor

Number of Strands	1
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.011 [0.28]

Dielectric:

Type	PTFE
Diameter, in [mm]	0.037 [0.94]

Shield:

Number of	1
Material 1	Copper
Diameter, in [mm]	0.047 [1.19]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [047 Semi-rigid Coax Cable with Copper Outer Conductor PE-047SR](#)

047 Semi-rigid Coax Cable with Copper Outer Conductor

TECHNICAL DATA SHEET

PE-047SR

Jacket:

Diameter, in [mm]	0.047 [1.19]
One Time Minimum Bend Radius, in [mm]	0.05 [1.27]
Weight, lbs/ft [Kg/m]	0.005 [0.01]

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

RoHS Compliant	
REACH Compliant	12/19/2011

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

047 Semi-rigid Coax Cable with Copper Outer Conductor 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.

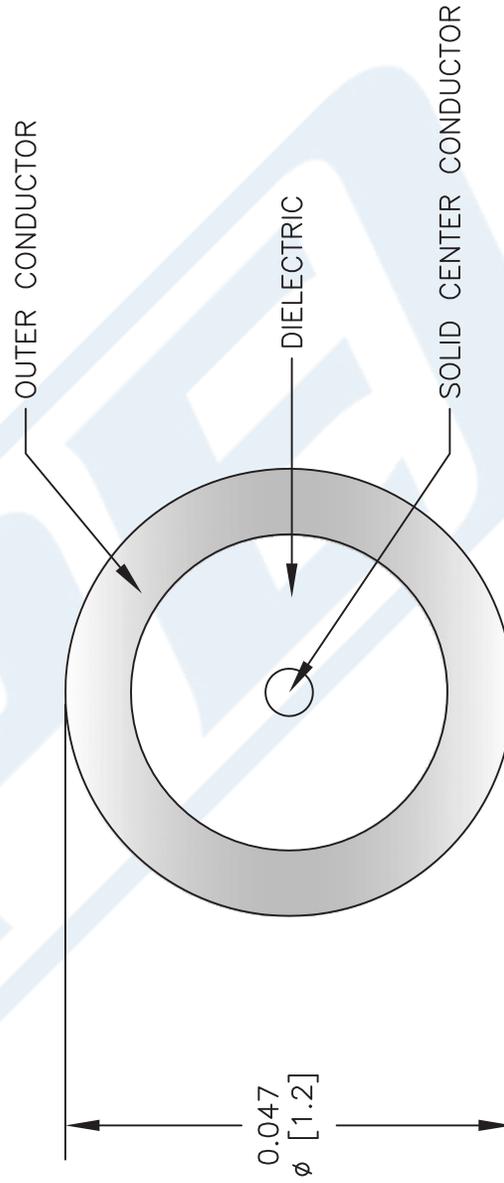
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URL: <http://www.pasternack.com/semirigid-0.047-50-ohm-coax-cable-copper-pe-047sr-p.aspx>

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PE-047SR CAD Drawing

047 Semi-rigid Coax Cable with Copper Outer Conductor



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DWG TITLE
PE-047SR

FSCM NO. 53919

CAD FILE 073113

SCALE N/A

SIZE A

2233

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