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# D-Sub Receptacle Right Angle Contact Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL

## TECHNICAL DATA SHEET PE44034

**D-Sub Receptacle Right Angle Contact Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL**

### Configuration

| | |
|---|---|
| Connector | D-Sub Receptacle |
| Connector Interface Type | PE-047SR,PE-SR047AL,PE-SR047FL |
| Cable Attachment Method (Shield/Contact) | Solder/Solder |
| Body Style | Right Angle |

### Electrical Specifications

| | |
|---|---|
| Impedance, Ohms | 50 |

### Mechanical Specifications

**Size**

| | |
|---|---|
| Length, in [mm] | 0.765 [19.43] |
| Height, in [mm] | 0.4 [10.16] |
| Weight, lbs [g] | 0.006 [2.72] |

**Connector**

| | |
|---|---|
| Type | D-Sub Receptacle |
| 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 |

### Plotted and Other Data

| | |
|---|---|
| Notes: | Values at 25 °C, sea level |

D-Sub Receptacle Right Angle 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 Receptacle Right Angle Contact Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL PE44034

URL: http://www.pasternack.com/d-sub-receptacle-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe44034-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.

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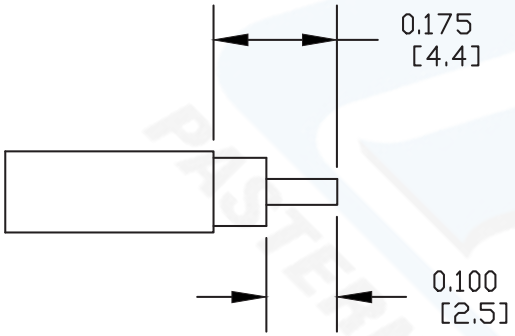
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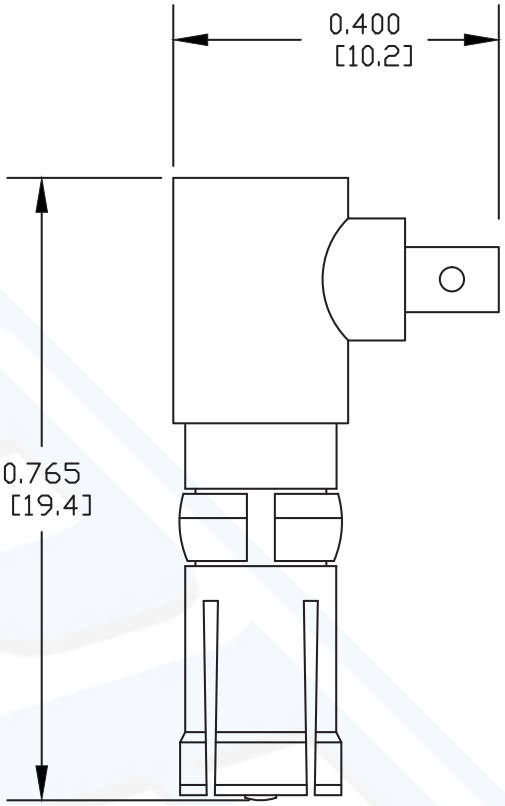


# PE44034 CAD Drawing

D-Sub Receptacle Right Angle Contact Solder Attachment
For PE-047SR, PE-SR047AL, PE-SR047FL




STRIPPING DIMENSIONS




ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR.
2. INSERT CABLE INTO BODY UNTIL IT BOTTOMS OUT.
3. SOLDER CENTER CONDUCTOR, OUTER CONDUCTOR & CAP IN PLACE

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DWG TITLE

**PE44034**

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 062002 | SCALE N/A | SIZE A | 127 |
|---|---|---|---|---|

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# D-Sub Receptacle Right Angle Contact Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL

## TECHNICAL DATA SHEET PE44034

**D-Sub Receptacle Right Angle Contact Solder Attachment For PE-047SR, PE-SR047AL, PE-SR047FL**

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### Electrical Specifications

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

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| RoHS Compliant | Yes |

### Plotted and Other Data

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|---|---|
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URL: http://www.pasternack.com/d-sub-receptacle-standard-pe-047sr-pe-sr047al-pe-sr047fl-connector-pe44034-p.aspx

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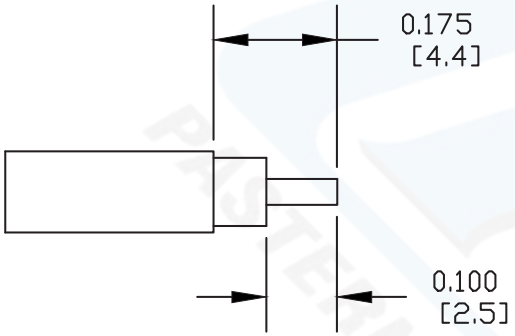
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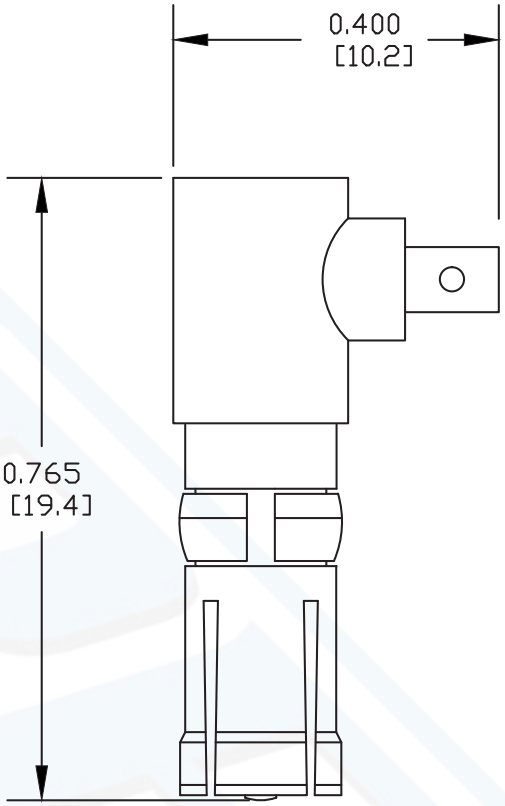


# PE44034 CAD Drawing

D-Sub Receptacle Right Angle Contact Solder Attachment
For PE-047SR, PE-SR047AL, PE-SR047FL




STRIPPING DIMENSIONS




ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR.
2. INSERT CABLE INTO BODY UNTIL IT BOTTOMS OUT.
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DWG TITLE

**PE44034**

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3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

| FSCM NO. 53919 | CAD FILE 062002 | SCALE N/A | SIZE A | 127 |
|---|---|---|---|---|

PASTERNACK®
THE ENGINEER'S RF SOURCE

# 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 |

**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

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# 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.

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

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

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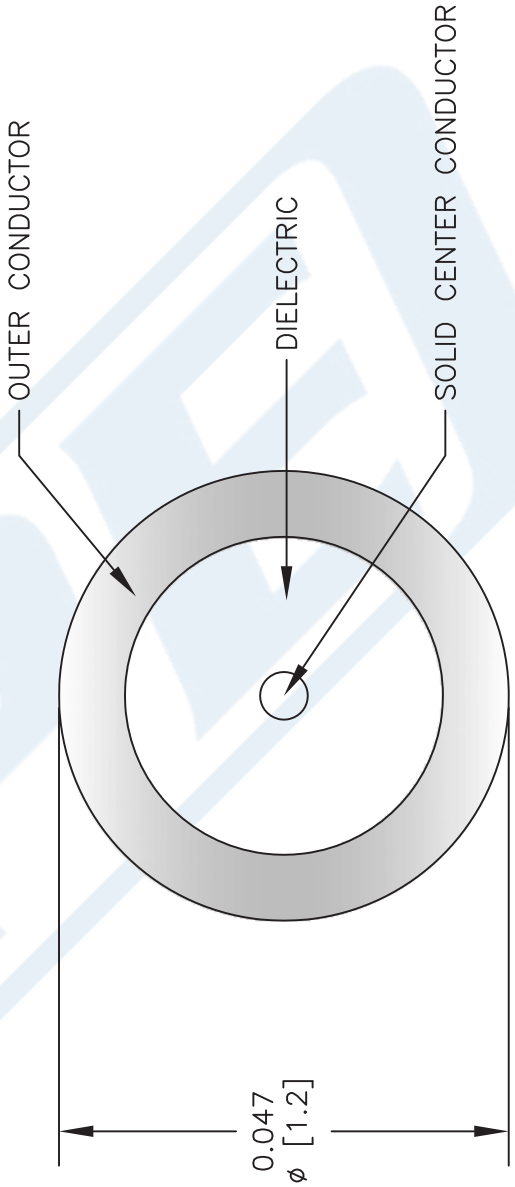
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# PE-047SR CAD Drawing

047 Semi-rigid Coax Cable with Copper Outer Conductor




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DWG TITLE **PE-047SR**

CAD FILE 073113 | SCALE N/A | SIZE A | 2233

FSCM NO. 53919

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