



75 Ohm Mini SMB Plug Right Angle Precision Connector  
Crimp/Solder Attachment For Mini 59, PE-B159

**TECHNICAL DATA SHEET**

**PE44589**

**75 Ohm Mini SMB Plug Right Angle Precision Connector Crimp/Solder Attachment For Mini 59, PE-B159**

**Configuration**

|                                          |                  |
|------------------------------------------|------------------|
| Connector                                | Mini SMB Plug    |
| Connector Interface Type                 | Mini 59, PE-B159 |
| Cable Attachment Method (Shield/Contact) | Crimp/Solder     |
| Connector Design                         | Precision        |
| Body Style                               | Right Angle      |

**Electrical Specifications**

|                 |    |
|-----------------|----|
| Impedance, Ohms | 75 |
|-----------------|----|

**Mechanical Specifications**

**Size**

|                     |              |
|---------------------|--------------|
| Length, in [mm]     | 1.05 [26.67] |
| Width/Dia., in [mm] | 0.26 [6.60]  |
| Height, in [mm]     | 0.55 [13.97] |
| Weight, lbs [g]     | 0.001 [0.45] |

**Connector**

|                              |                       |
|------------------------------|-----------------------|
| Type                         | Mini SMB Plug         |
| Contact Material and Plating | Phosphor Bronze, Gold |
| Body Material and Plating    | Brass, Nickel         |
| Dielectric Type              | Delrin                |

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

|                |     |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

**Plotted and Other Data**

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

75 Ohm Mini SMB Plug Right Angle Precision Connector Crimp/Solder Attachment For Mini 59, PE-B159 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.

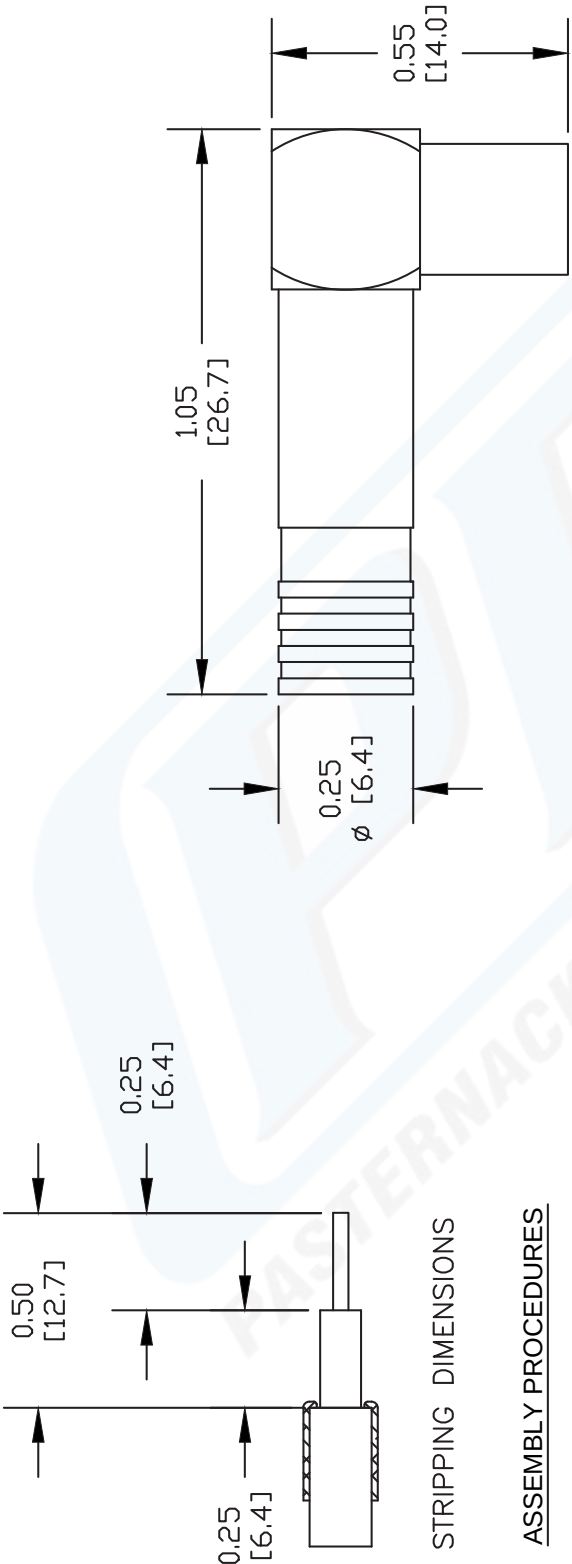
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Mini SMB Plug Right Angle Precision Connector Crimp/Solder Attachment For Mini 59, PE-B159 PE44589](http://www.pasternack.com/mini-smb-plug-standard-pe-b159-connector-pe44589-p.aspx)

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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.

PE44589 CAD Drawing

75 Ohm Mini SMB Plug Right Angle Precision Connector  
Crimp/Solder Attachment For Mini 59, PE-B159



1. STRIP CABLE AS SHOWN [FOIL SHOULD REMAIN ON DIELECTRIC].

2. FOLD BRAID BACK OVER JACKET.

3. INSERT PREPARED CABLE INTO CONNECTOR. PUSH CABLE FORWARD INTO CONNECTOR WHILE SLIGHTLY TWISTING CONNECTOR AND CRIMP.

CRIMP SIZE REQUIRED

FERRULE: .213" HEX CRIMP TOOL



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DWG TITLE

PE44589

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.

REV. A

FSCM NO. 53919

CAD FILE 102511

SCALE N/A

SIZE A

2233