



## 75 Ohm SMC Jack Bulkhead Connector Crimp/Solder Attachment For RG180, RG195, .177 inch D Hole

### TECHNICAL DATA SHEET

**PE4166**

#### 75 Ohm SMC Jack Bulkhead Connector Crimp/Solder Attachment For RG180, RG195, .177 inch D Hole

##### Configuration

|                                          |              |
|------------------------------------------|--------------|
| Connector                                | SMC Jack     |
| Connector Interface Type                 | RG180, RG195 |
| Cable Attachment Method (Shield/Contact) | Crimp/Solder |
| Body Style                               | Straight     |
| Mount Method                             | Bulkhead     |

##### Electrical Specifications

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

##### Mechanical Specifications

###### Size

|                     |               |
|---------------------|---------------|
| Length, in [mm]     | 1.152 [29.26] |
| Width/Dia., in [mm] | 0.344 [8.74]  |
| Weight, lbs [g]     | 0.004 [1.81]  |

###### Connector

|                              |               |
|------------------------------|---------------|
| Type                         | SMC Jack      |
| Contact Material and Plating | Gold          |
| Body Material and Plating    | Brass, Nickel |
| Dielectric Type              | PTFE          |

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

##### Plotted and Other Data

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

75 Ohm SMC Jack Bulkhead Connector Crimp/Solder Attachment For RG180, RG195, .177 inch D Hole 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.

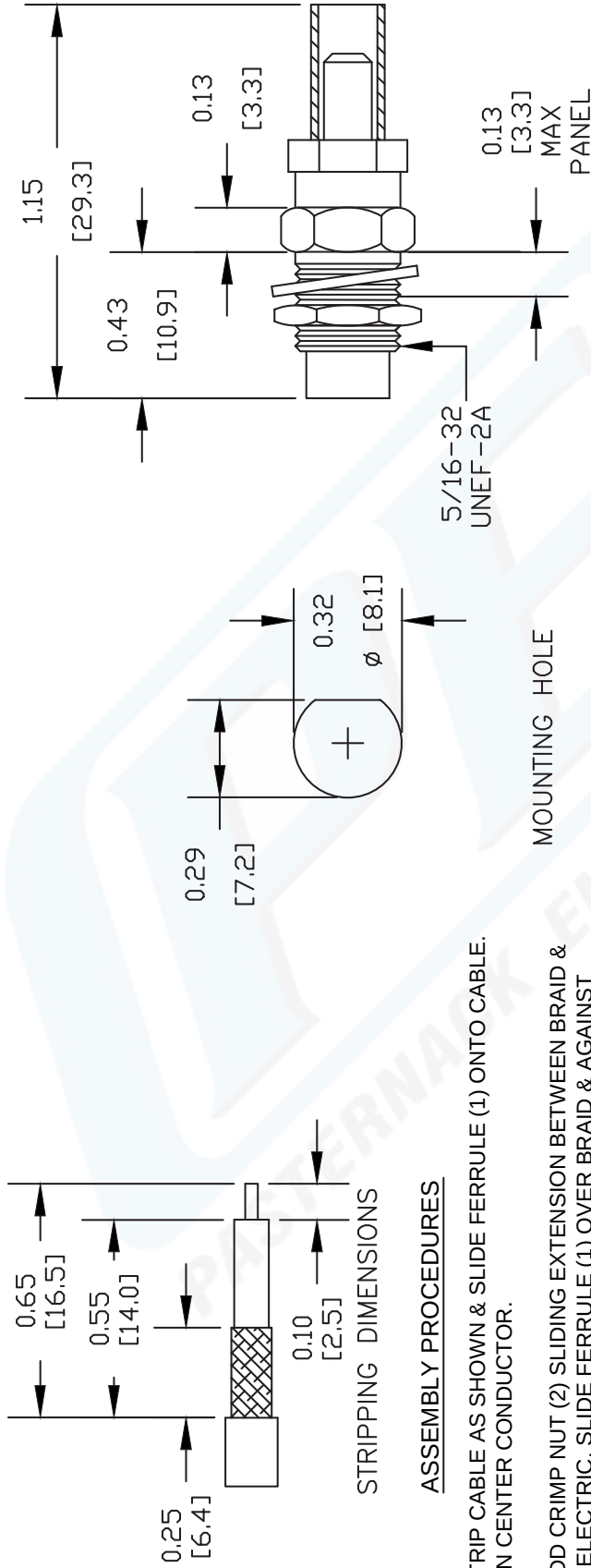
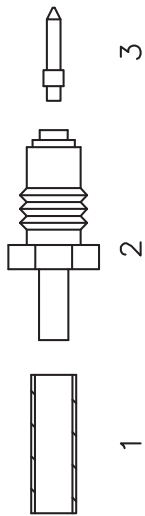
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMC Jack Bulkhead Connector Crimp/Solder Attachment For RG180, RG195, .177 inch D Hole PE4166](http://www.pasternack.com/smc-jack-standard-rg180-rg195-connector-pe4166-p.aspx)

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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.

# PE4166 CAD Drawing

75 Ohm SMC Jack Bulkhead Connector Crimp/Solder  
Attachment For RG180, RG195, .177 inch D Hole



## STRIPPING DIMENSIONS

## ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE (1) ONTO CABLE. TIN CENTER CONDUCTOR.
2. ADD CRIMP NUT (2) SLIDING EXTENSION BETWEEN BRAID & DIELECTRIC. SLIDE FERRULE (1) OVER BRAID & AGAINST CRIMP
3. SOLDER CONTACT (3) TO CENTER CONDUCTOR.
4. THREAD CRIMP NUT (2) INTO BODY & TIGHTEN. CRIMP FERRULE (1).

## CRIMP SIZE REQUIRED

CONTACT: SOLDER

FERRULE: .178" HEX CRIMP TOOL



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DWG TITLE

**PE4166**

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. - FSCM NO. 53919 CAD FILE 042309 SCALE N/A SIZE A 147