



BNC Female Bulkhead Connector Clamp/Solder  
Attachment For RG178, RG196, .480 inch D Hole

TECHNICAL DATA SHEET

PE4391

**Configuration**

|                                          |              |
|------------------------------------------|--------------|
| Connector                                | BNC Female   |
| Connector Interface Type                 | RG178, RG196 |
| Cable Attachment Method (Shield/Contact) | Clamp/Solder |
| Body Style                               | Straight     |
| Mount Method                             | Bulkhead     |

**Electrical Specifications**

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

**Mechanical Specifications**

**Size**

|                 |               |
|-----------------|---------------|
| Weight, lbs [g] | 0.055 [24.95] |
|-----------------|---------------|

**Connector**

|                           |               |
|---------------------------|---------------|
| Type                      | BNC Female    |
| Body Material and Plating | Brass, Nickel |

**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 |
|--------|----------------------------|

BNC Female Bulkhead Connector Clamp/Solder Attachment For RG178, RG196, .480 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: [BNC Female Bulkhead Connector Clamp/Solder Attachment For RG178, RG196, .480 inch D Hole PE4391](http://www.Pasternack.com/bnc-female-standard-rg178-rg196-connector-pe4391-p.aspx)

URL: <http://www.pasternack.com/bnc-female-standard-rg178-rg196-connector-pe4391-p.aspx>

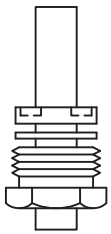
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

# PE4391 CAD Drawing

BNC Female Bulkhead Connector Clamp/Solder Attachment  
For RG178, RG196, .480 inch D Hole

## ASSEMBLY PROCEDURES

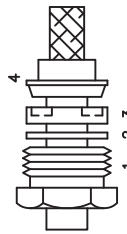
1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE AS SHOWN.



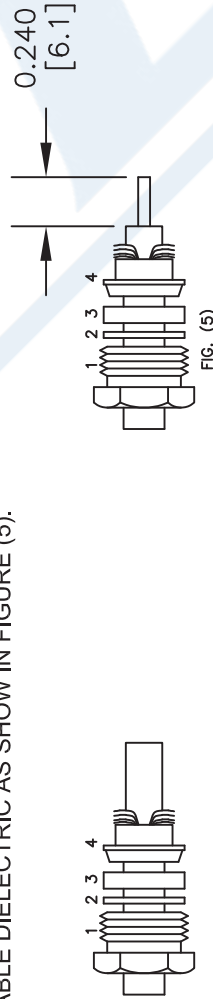
2. TRIM PER DIMENSIONS. \*NOTE: DO NOT NICK BRAID WHILE CUTTING JACKET.



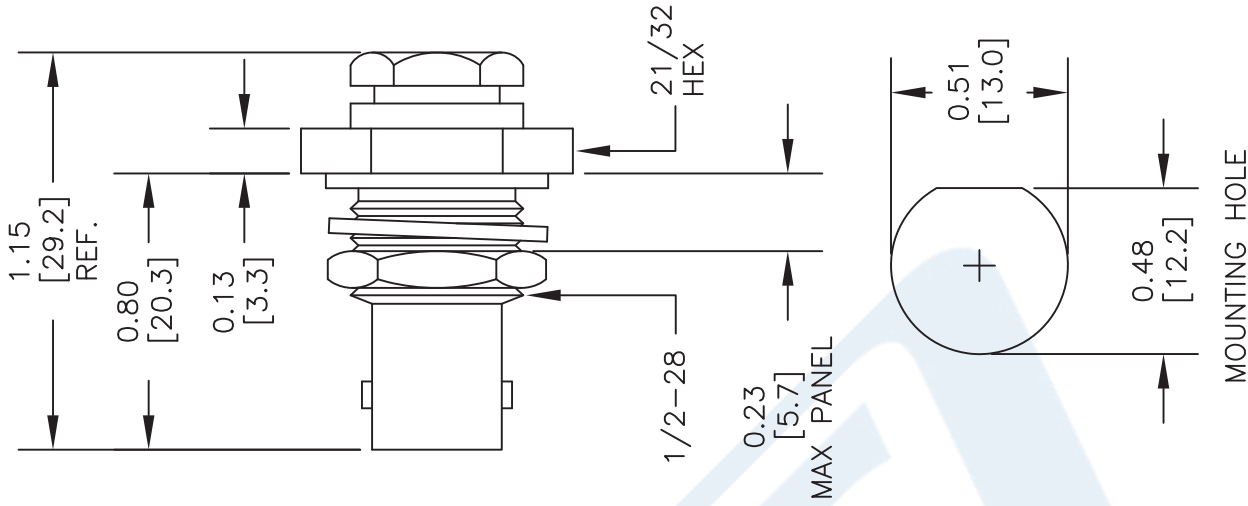
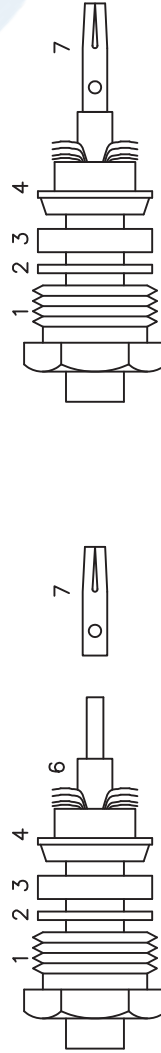
3. SLIDE BRAID CLAMP (4) OVER BRAID UNTIL IT STOPS ON CABLE JACKET. \*NOTE: TAPER END OF BRAID IF NEEDED TO ASSIST IN ASSEMBLY OF BRAID CLAMP (4).



4. FLAIR BRAID AS SHOWN OVER BRAID CLAMP (4) AND TRIM BRAID BACK TO SHOULDER. STRIP CABLE DIELECTRIC AS SHOWN IN FIGURE (5).



5. INSERT SMALL DIELECTRIC CYLINDER (6) BEFORE THE CONTACT WITH LARGE OPEN END SLIDING OVER CENTER CONDUCTOR AND CABLE DIELECTRIC. INSTALL CONTACT BY SOLDERING TO CABLE CENTERCONDUCTOR LEAVING NO GAPS (7). \*NOTE: DO NOT OVER HEAT DIELECTRIC CYLINDER (6) DURING SOLDER PROCESS. REMOVE ANY EXCESS SOLDER FROM CONTACT. INSERT ASSEMBLY INTO CONNECTOR BODY AND TIGHTEN NUT.



DWG TITLE

**PE4391**

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.

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FSCM NO. 53919

CAD FILE 020314

SCALE N/A

SIZE A

2233