



## BNC Twinax Jack Bulkhead Mount Connector Clamp/Solder Attachment for RG108, 78 Ohm Twinax, .480 inch D Hole

### RF Connectors Technical Data Sheet

**PE44114**

#### Configuration

- BNC Twinax Jack Connector
- MIL-STD-348
- 78 Ohms
- Straight Body Geometry
- RG108, 78 Ohm Twinax Interface Type
- Clamp/Solder Attachment
- Bulkhead

#### Features

- Silver Plated Contact
- Contact plating according to QQ-S-365

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

#### Description

Pasternack's PE44114 78 ohm BNC Twinax jack bulkhead connector with clamp/solder attachment for RG108 and 78 Ohm Twinax (.480 inch D hole) is part of our full line of RF components available for same-day shipping. This BNC Twinax bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our 78 ohm BNC Twinax jack bulkhead connector PE44114 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

#### Mechanical Specifications

##### Size

|            |                     |
|------------|---------------------|
| Length     | 1.25 in [31.75 mm]  |
| Width/Dia. | 0.688 in [17.48 mm] |
| Weight     | 0.047 lbs [21.32 g] |

#### Material Specifications

| Description | Material | Plating            |
|-------------|----------|--------------------|
| Contact     |          | Silver<br>QQ-S-365 |
| Insulation  | PTFE     |                    |
| Body        | Brass    | Nickel<br>QQ-N-290 |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Twinax Jack Bulkhead Mount Connector Clamp/Solder Attachment for RG108, 78 Ohm Twinax, .480 inch D Hole PE44114](#)



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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

BNC Twinax Jack Bulkhead Mount Connector Clamp/Solder Attachment for RG108, 78 Ohm Twinax, .480 inch D Hole 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: [BNC Twinax Jack Bulkhead Mount Connector Clamp/Solder Attachment for RG108, 78 Ohm Twinax, .480 inch D Hole PE44114](#)

URL: <https://www.pasternack.com/bnc-twinax-jack-standard-rg108-78-ohm-twinax-connector-pe44114-p.aspx>

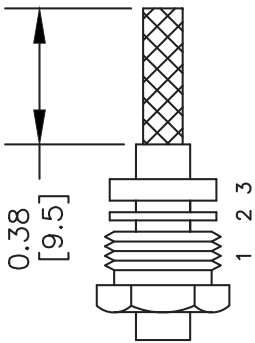
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE44114 CAD Drawing

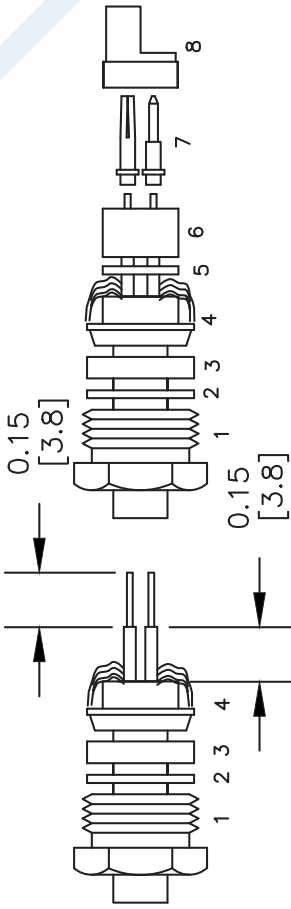
BNC Twinax Jack Bulkhead Mount Connector Clamp/Solder  
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## ASSEMBLY PROCEDURES

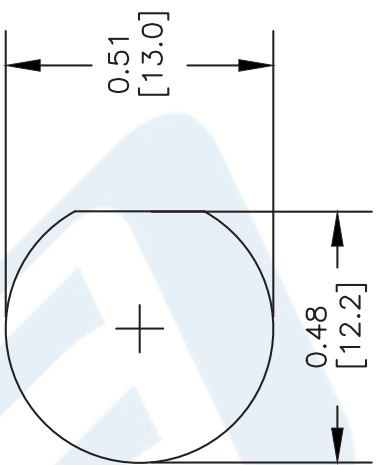
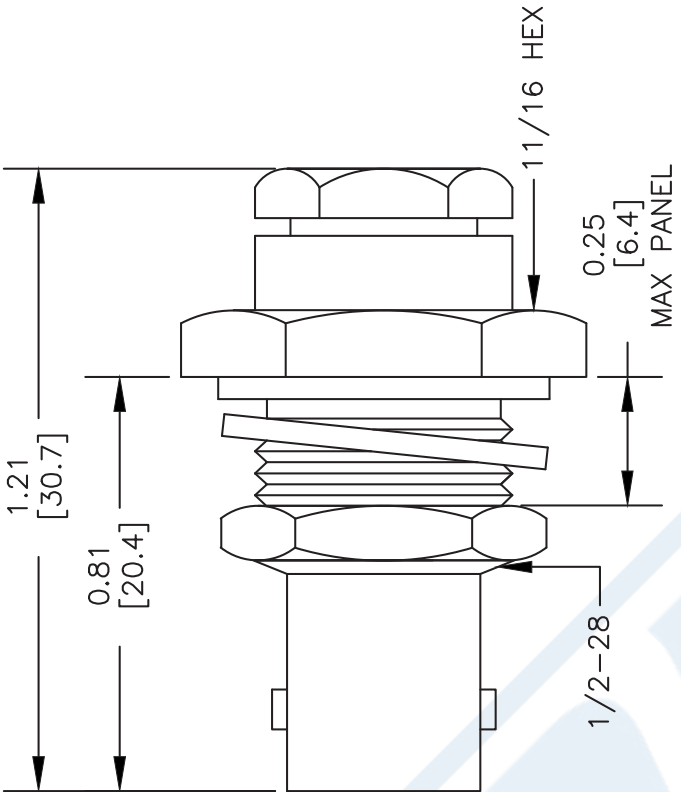
1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE TO DIMENSION SHOWN. DO NOT NICK BRAID & DIELECTRIC. COMB OUT BRAID. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & BUTT AGAINST JACKET. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID FLUSH WITH SHOULDER OF BRAID CLAMP (4).



2. STRIP CABLE TO DIMENSION SHOWN. SLIDE SMALL WASHER (5) & REAR INSULATOR (6) OVER DIELECTRICS. SOLDER CONTACTS (7) TO CENTER CONDUCTOR THROUGH HOLE IN CONTACT. CLEAN EXCESS SOLDER. SLIDE FRONT INSULATOR (8) OVER CONTACTS. SLIDE ASSEMBLY FORWARD INTO BODY & TIGHTEN.



NOTE:  
WHEN SOLDERING CONTACTS MAKE SURE  
SAME SEX IS ON BOTH ENDS OF WIRE  
IDENTIFIED BY THE BARE COPPER WIRE.



MOUNTING HOLE



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DWG TITLE

PE44114

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 042210-A

SCALE N/A

SIZE A

2233