

BNC Female Bulkhead Mount Connector Clamp/
Solder Attachment for RG58, RG142, RG223, RG400,
RG141, RG303, RG55, LMR-195, .480 inch D Hole



PE4078

Configuration

- BNC Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG58, RG142, RG223, RG400, RG141, RG303, RG55, LMR-195, PE-C195, PE-P195
- Bulkhead

Features

- Max. Operating Frequency 2 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 μ m minimum contact plating

Applications

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

Description

Pasternack's PE4078 BNC Female Bulkhead Mount Connector Clamp/Solder Attachment for RG58, RG142, RG223, RG400, RG141, RG303, RG55, LMR-195, PE-C195 and PE-P195 Cable is part of our full line of RF components available for same-day shipping. Our BNC female connector operates up to a maximum frequency of 2 GHz and offers good VSWR of 1.3:1. This BNC 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 BNC female bulkhead connector PE4078 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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2	GHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms
Impedance	50			Ohms

Mechanical Specifications

Size	
Length	1.15 in [29.21 mm]
Width	0.687 in [17.45 mm]
Height	0.687 in [17.45 mm]
Weight	0.048 lbs [21.77 g]

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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 μ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μ in minimum

Mechanical Specification Notes:

When attaching the connector to the cable use a clamp torque value of 26 to 30 in-lbs [2.94 to 3.39 Nm]

Environmental Specifications

Temperature

Operating Range -65 to 165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

BNC Female Bulkhead Mount Connector Clamp/Solder Attachment for RG58, RG142, RG223, RG400, RG141, RG303, RG55, LMR-195, .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 99.4% 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 Mount Connector Clamp/Solder Attachment for RG58, RG142, RG223, RG400, RG141, RG303, RG55, LMR-195, .480 inch D Hole PE4078](#)

URL: <https://www.pasternack.com/bnc-female-rg58-rg142-rg400-rg141-rg303-rg55-lmr-195-connector-pe4078.html>

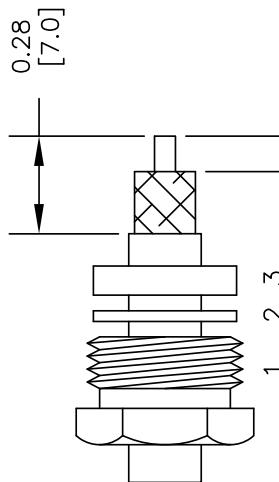
The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Pasternack Enterprises reserves the right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

PE4078 CAD Drawing

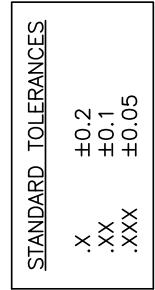
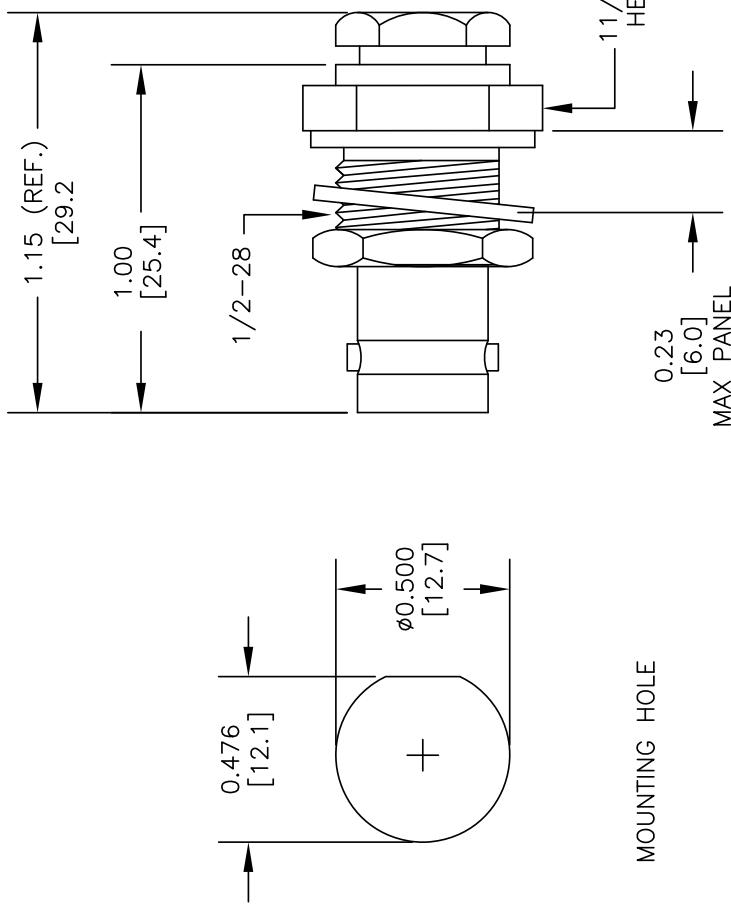
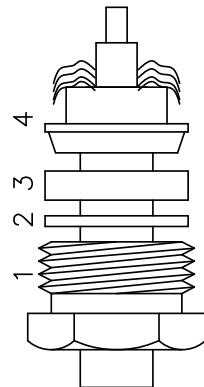
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ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE, STRIP CABLE AS SHOWN DO NOT NICK BRAID WHILE CUTTING JACKET, TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE.



2. FORM BRAID OVER CLAMP NUT (4), SOLDER CONTACT TO CENTER CONDUCTOR, REMOVE EXCESS SOLDER, DO NOT OVER HEAT DIELECTRIC, INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

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].

 <p>PASTERHACK THE ENGINEER'S P'TY SOURCE</p>	<p>PasterHack Enterprises, Inc. P.O. Box 16759 Irvine CA 92623</p>	<p>Phone: (949) 261-1920 Fax: (949) 261-7451 Website: www.pasterhack.com E-Mail: sales@pasterhack.com</p>
DWG TITLE	PE4078	FSCM NO. 53919



Pasternack Enterprises Inc.

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P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | **Fax:** (949) 261-7451
Website: www.pastermack.com | **E-Mail:** sales@pastermack.com