



BNC Female Bulkhead Mount Hermetically Sealed Connector Solder Attachment Eyelet Terminal, IP67 Unmated

RF Connectors Technical Data Sheet

PE44891

Configuration

- BNC Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Eyelet Interface Type
- Solder Attachment
- Bulkhead

Features

- Max. Operating Frequency 4 GHz
- Gold Plated Beryllium Copper Contact
- 50 μ m minimum contact plating
- Hermetically Sealed
- IP67 Unmated

Applications

- General Purpose Test
- Rack and Panel Mount Applications

Description

Pasternack's PE44891 BNC female bulkhead hermetically sealed connector with solder attachment eyelet terminal 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 4 GHz. 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. The connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Our BNC female bulkhead connector PE44891 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		4	GHz
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms

Mechanical Specifications

Size

Length	1.27 in [32.26 mm]
Width/Dia.	0.68 in [17.27 mm]
Weight	0.03 lbs [13.61 g]
Mating Cycles	500 Cycles

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 Hermetically Sealed Connector Solder Attachment Eyelet Terminal, IP67 Unmated PE44891](#)



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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µin minimum
Insulation	PTFE	
Body	Beryllium Copper	Silver 200 µin minimum

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Ingress Protection (IP) Rating

IP67 Unmated

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

Plotted and Other Data

Notes:

BNC Female Bulkhead Mount Hermetically Sealed Connector Solder Attachment Eyelet Terminal, IP67 Unmated 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.

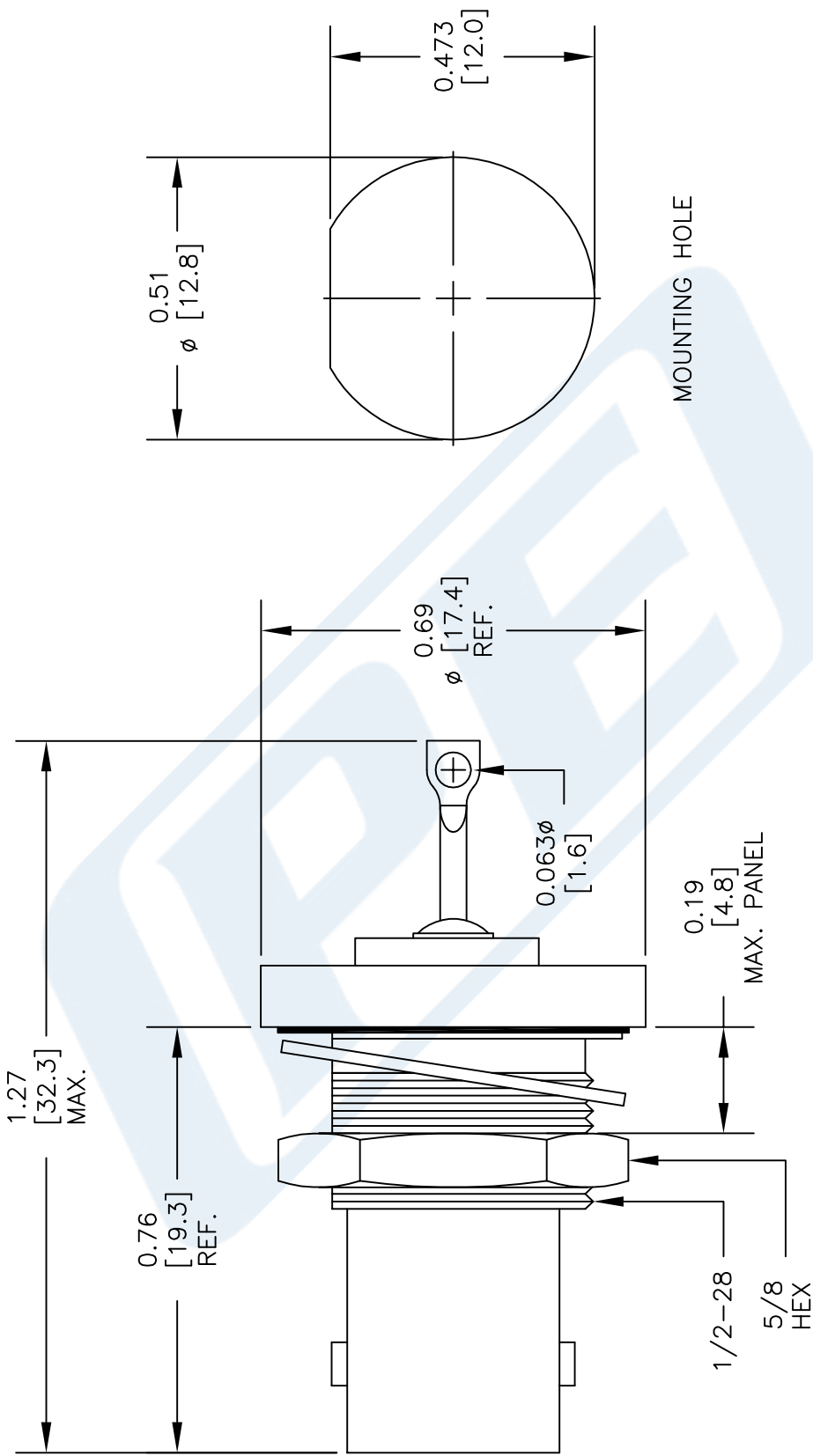
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URL: <https://www.pasternack.com/bnc-female-standard-eyelet-terminal-connector-pe44891-p.aspx>

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.

PE44891 CAD Drawing

BNC Female Bulkhead Mount Hermetically Sealed Connector
Solder Attachment Eyelet Terminal, IP67 Unmated



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.

DWG TITLE
PE44891

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CAD FILE 101613 SCALE N/A SIZE A 150