



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

RF Connectors Technical Data Sheet

PE44890

Configuration

- BNC Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Eyelet
- Bulkhead

Features

- Gold Plated Beryllium Copper Contact
- Hermetically Sealed
- IP67 Unmated

Applications

- General Purpose Test
- Rack and Panel Mount Applications

Description

Pasternack's PE44890 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. 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 PE44890 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 |
|--------------------------------------|---------|---------|---------|-------|
| Operating Voltage (AC) | | | 500 | Vrms |
| Dielectric Withstanding Voltage (AC) | | | 1,500 | Vrms |

Mechanical Specifications

Size

| | |
|---------------|--------------------|
| Length | 1.34 in [34.04 mm] |
| Width/Dia. | 0.68 in [17.27 mm] |
| Weight | 0.041 lbs [18.6 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 PE44890](#)



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

RF Connectors Technical Data Sheet

PE44890

Material Specifications

| Description | Material | Plating |
|-------------|------------------|---------|
| Contact | Beryllium Copper | Gold |
| Insulation | PTFE | |
| Body | Brass | Silver |

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 99.4% 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 Hermetically Sealed Connector Solder Attachment Eyelet Terminal, IP67 Unmated PE44890](#)

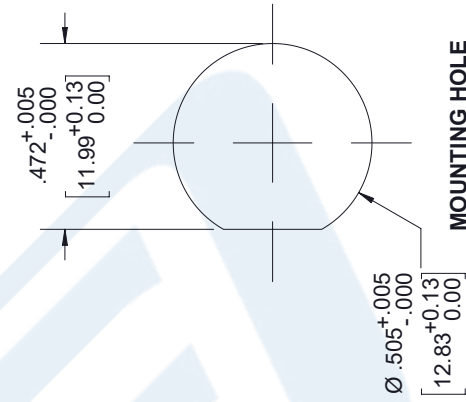
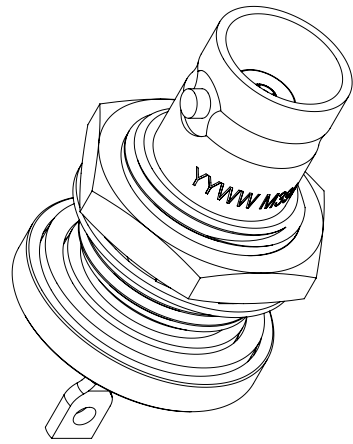
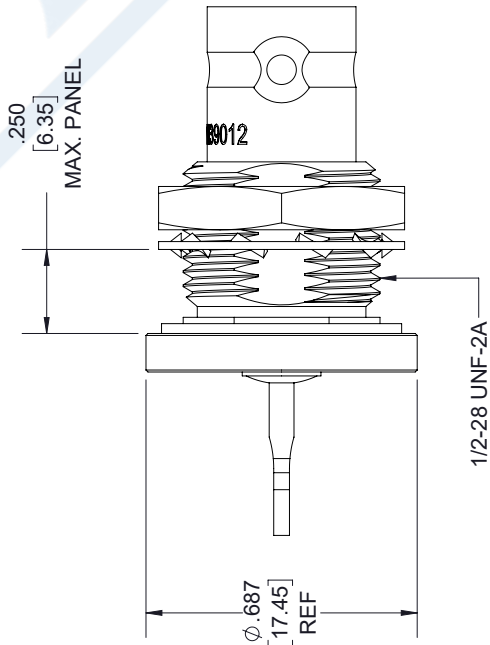
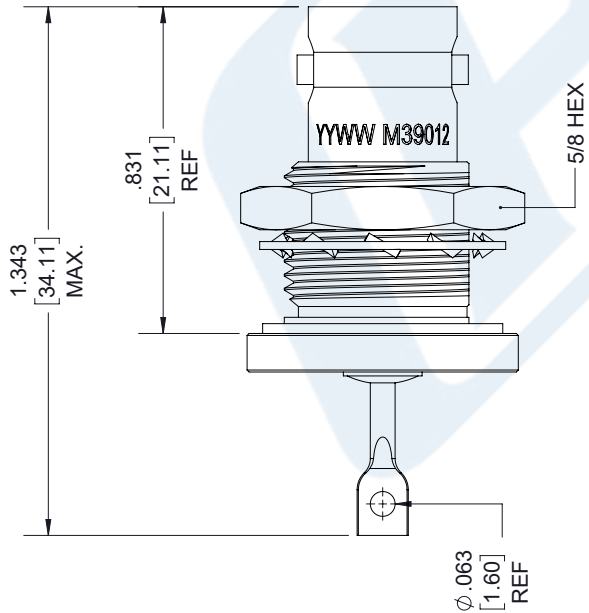
URL: <https://www.pasternack.com/bnc-female-standard-eyelet-terminal-connector-pe44890-p.aspx>

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.


PE44890 CAD Drawing

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

| REVISIONS | | | |
|-----------|-----------------|----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 10/15/19 | SELLIS |



| | |
|--|-----------|
| UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS | |
| TOLERANCES: | FRACTIONS |
| X±.2 [5.08] | ±.132 |
| XX±.01 [.25] | ±.132 |
| XXX±.005 [.13] | ±.132 |
| ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. | |
| THIRD-ANGLE PROJECTION | |

| | | | | | | | |
|---|-------|-----------|----------|--|-------|-----|--|
| <div><div>PASTERNAK</div><div>an INFINITI® brand</div><div>Pasternack Enterprises, Inc. P O Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920 1.866.727.8376 Fax: 1.949.261.7451 www.pasternack.com e-mail: sales@pasternack.com</div></div> | | | | THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED. | | | |
| SHEET | | 1 | OF | 1 | SCALE | N/A | |
| SIZE | | CAGE CODE | DRAWN BY | PART NUMBER | | | |
| A | 53919 | K.DANG | PE44890 | REV | A | | |

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.