



# SMA Female Bulkhead Mount Hermetically Sealed Connector Solder Attachment Stub Terminal, .235 inch D Hole

## RF Connectors Technical Data Sheet

PE4528

### Configuration

- SMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Stub
- Bulkhead

### Features

- Max. Operating Frequency 18 GHz
- Gold Plated Contact
- Contact plating according to MIL-G-45204
- Hermetically Sealed

### Applications

- General Purpose Test
- Rack and Panel Mount Applications

### Description

Pasternack's PE4528 SMA female bulkhead hermetically sealed connector with solder attachment Stub terminal (.235 inch D hole) is part of our full line of RF components available for same-day shipping. Our SMA female connector operates up to a maximum frequency of 18 GHz. This SMA 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 SMA female bulkhead connector PE4528 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		18	GHz

### Mechanical Specifications

Size	
Length	0.62 in [15.75 mm]
Width/Dia.	0.437 in [11.10 mm]
Weight	0.013 lbs [5.9 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Bulkhead Mount Hermetically Sealed Connector Solder Attachment Stub Terminal, .235 inch D Hole PE4528](#)



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**Material Specifications**

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Stainless Steel	Gold MIL-G-45204

**Environmental Specifications**

**Temperature**

Operating Range

-65 to +165 deg C

Hermetic Seal

Leak rate not to exceed  $1 \times 10^{-7}$  cc/sec of helium at 1 atm differential.

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

**Plotted and Other Data**

Notes:

SMA Female Bulkhead Mount Hermetically Sealed Connector Solder Attachment Stub Terminal, .235 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.

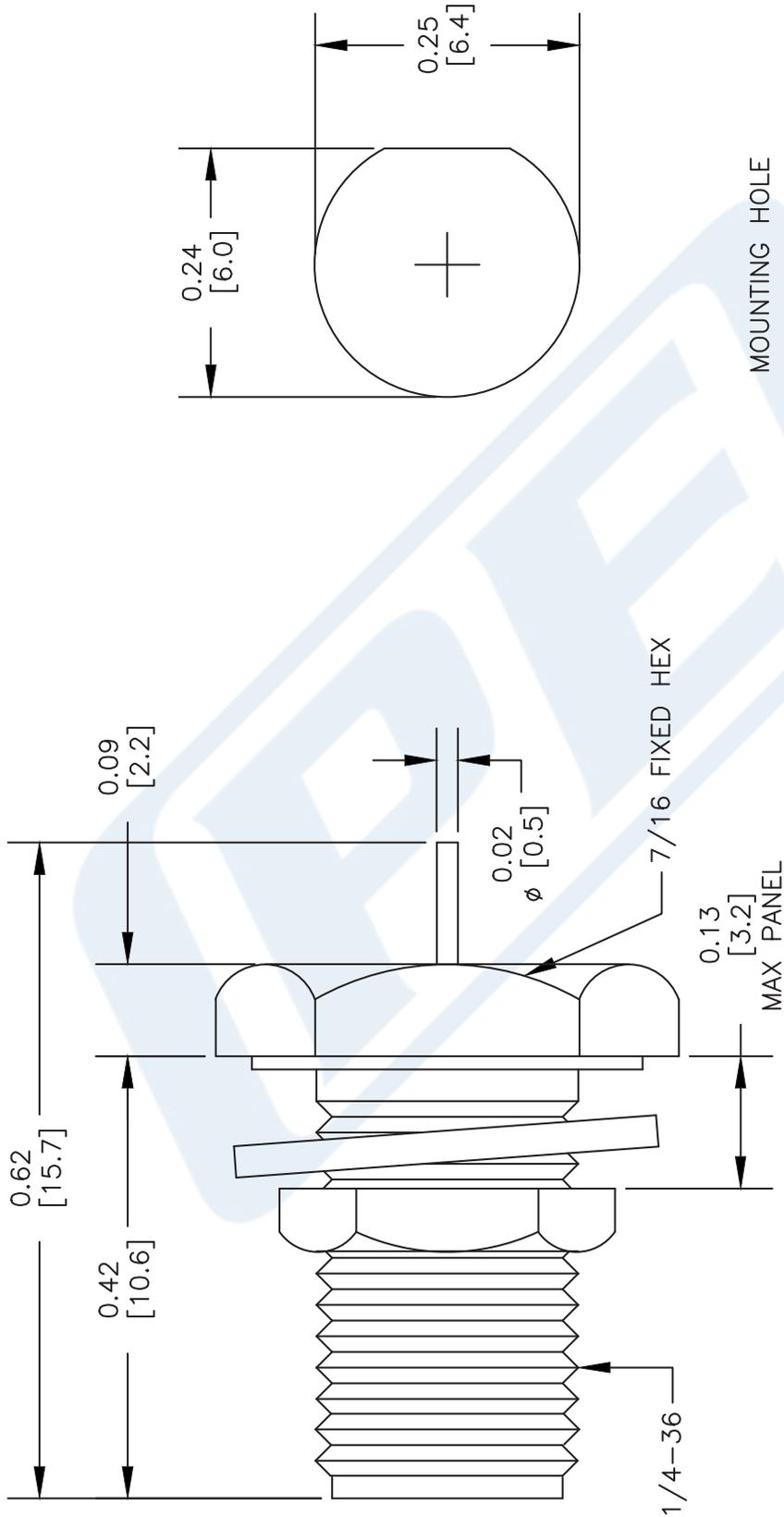
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URL: <https://www.pasternack.com/sma-female-standard-stub-terminal-connector-pe4528-p.aspx>

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.

# PE4528 CAD Drawing

SMA Female Bulkhead Mount Hermetically Sealed Connector  
Solder Attachment Stub Terminal, .235 inch D Hole



DWG TITLE

**PE4528**

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 092804

SCALE N/A

SIZE A

127

**PE PASTERNAK®**

Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: www.pasternack.com | E-Mail: sales@pasternack.com