SHV Jack Bulkhead Connector Clamp/Solder Attachment For
RG58, RG55, RG141, RG142, RG223, RG400, .480 inch D Hole

RF Connectors Technical Data Sheet   PE44080

Configuration

- SHV Jack Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry

- RG58, RG142, RG223, RG400, RG141, RG303, RG55, LMR-400, PE-C195, PE-P195 Interface Type
- Clamp/Solder Attachment
- Bulkhead

Features

- Silver Plated Brass Contact
- Contact plating according to ASTM-B700

Applications

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

Description

Pasternack's PE44080 SHV jack bulkhead connector with clamp/solder attachment for RG58, RG142, RG223, RG400, RG141, RG303, RG55, LMR-400, PE-C195 and PE-P195 (.480 inch D hole) is part of our full line of RF components available for same-day shipping. This SHV 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 SHV jack bulkhead connector PE44080 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)			3,500	Vrms
Dielectric Withstanding Voltage (AC)			5,000	Vrms

Mechanical Specifications

Size
Length   1.83 in [46.48 mm]
Width/Dia.   0.687 in [17.45 mm]
Weight   0.069 lbs [31.3 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SHV Jack Bulkhead Connector Clamp/Solder Attachment For RG58, RG55, RG141, RG142, RG223, RG400, .480 inch D Hole PE44080

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Material Specifications

Description	Material	Plating
Contact	Brass	Silver ASTM-B700
Insulation	PTFE	
Body	Brass	Nickel ASTM-B689

Environmental Specifications

Temperature
Operating Range   -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Assembly Instruction

SHV Jack Bulkhead Connector Clamp/Solder Attachment For RG58, RG55, RG141, RG142, RG223, RG400, .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.
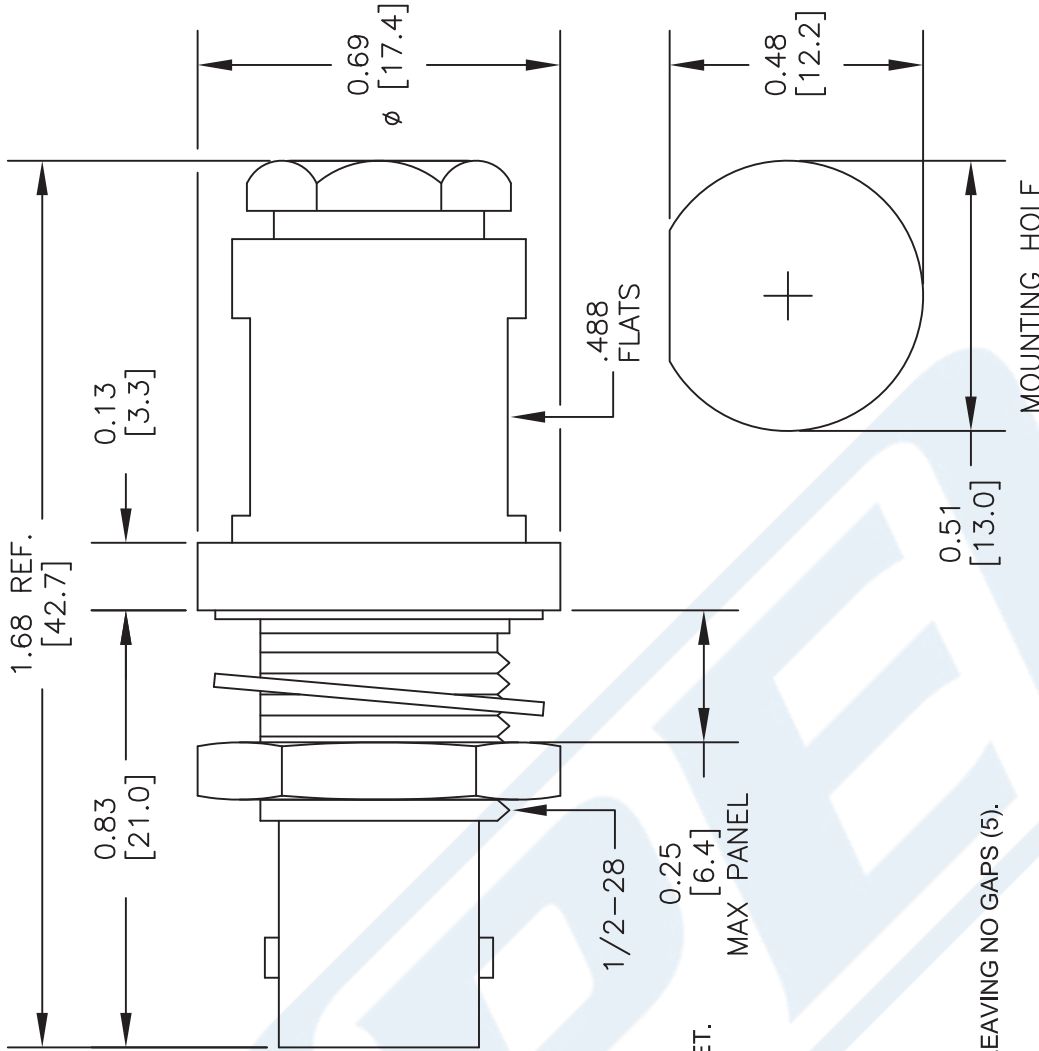
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URL: https://www.pasternack.com/shv-jack-standard-rg58-rg55-rg141-rg142-rg223-rg400-connector-pe44080-p.aspx

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.

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PE44080 CAD Drawing

SHV Jack Bulkhead Connector Clamp/Solder Attachment For RG58, RG55, RG141, RG142, RG223, RG400, .480 inch D Hole

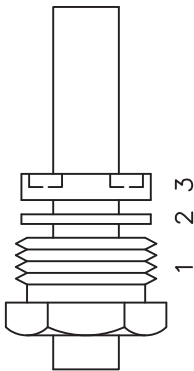0.69 [17.4]

ø

0.48 [12.2]

.488 FLATS

MOUNTING HOLE

0.13 [3.3]

0.51 [13.0]

1.68 REF. [42.7]

0.83 [21.0]

1/2-28

0.25 [6.4] MAX PANEL
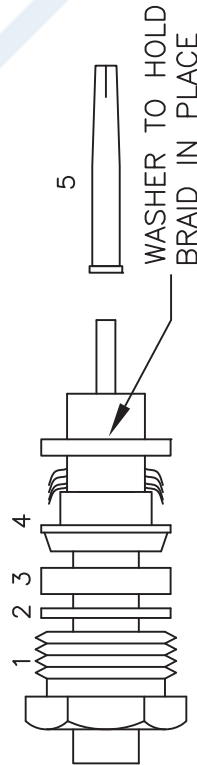
2233

SIZE A

SCALE N/A

CAD FILE 060817

CAGE CODE 53919

DWG TITLE
PE44080

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER* (2) & GASKET (3) OVER CABLE AS SHOWN.

2. TRIM PER DIMENSIONS.

0.50 [12.7]

0.33 [8.4]

0.17 [4.3]
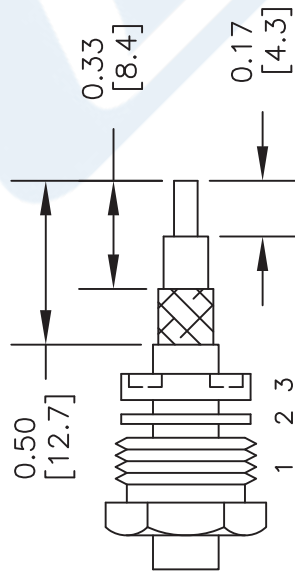
3. A) SLIDE BRAID CLAMP OVER BRAID UNTIL IT STOPS ON CABLE JACKET.
   B) FLAIR BRAID AS SHOWN.

5

WASHER TO HOLD BRAID IN PLACE

4. INSTALL CONTACT BY SOLDERING TO CABLE CENTER CONDUCTOR LEAVING NO GAPS (5).

5
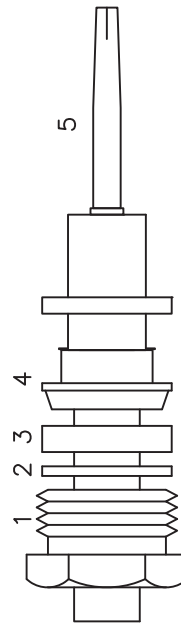
5. REMOVE EXCESS SOLDER. INSERT ASSEMBLY INTO CONNECTOR BODY AND TIGHTEN NUT.

1 2 3

1 2 3

1 2 3 4

1 2 3 4