



BMA Jack Bulkhead Mount Slide-On Connector Solder Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ

RF Connectors Technical Data Sheet

PE45323

Configuration

- Slide-On BMA Jack Connector
 - 50 Ohms
 - Straight Body Geometry
 - RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ
- Interface Type
- Solder/Solder Attachment
 - Bulkhead

Features

- Max. Operating Frequency 18 GHz
 - Excellent VSWR of 1.23:1
 - Gold Plated Beryllium Copper Contact
 - Blind Mate Connector
- IP54(Mated)
 - Low-Engagement Force
 - Radial and Axial Float Versions

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies
- Blind Mating
- Rack and Panel
- Phased Array Systems
- Base Stations
- RF Backplanes
- Test I/O

Description

Pasternack's PE45323 BMA jack slide-on bulkhead connector with solder/solder attachment for RG405, PE-SR405AL, PE-SR405FL and PE-SR405FLJ is part of our full line of RF components available for same-day shipping. Our BMA jack connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.23:1. The Pasternack blind mate connector is ideal for applications where direct visual or tactile access to the connection point is not possible, for example, when two circuit boards need to be mated. This BMA 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 BMA jack bulkhead connector PE45323 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
VSWR			1.23:1	
Insertion Loss			0.12	dB
Operating Voltage (AC)			350	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BMA Jack Bulkhead Mount Slide-On Connector Solder Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ PE45323](#)



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Mechanical Specifications

Size

Length	0.709 in [18.01 mm]
Width/Dia.	0.37 in [9.40 mm]
Weight	0.013 lbs [5.9 g]
Mating Cycles	1,000 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Outer Conductor	Beryllium Copper	Gold
Body	Brass	Tri-Metal
Washer	Brass	Tri-Metal

Mechanical Specification Notes:

Recommended axial float mount for best electrical performance: 0.51 +/- 0.25 mm (.020" +/- .010)

Environmental Specifications

Temperature

Operating Range	-65 to +105 deg C
Ingress Protection (IP) Rating	IP54(Mated)

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

Plotted and Other Data

Notes:

BMA Jack Bulkhead Mount Slide-On Connector Solder Attachment for RG405, PE-SR405AL, PE-SR405FL, PE-SR405FLJ 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.

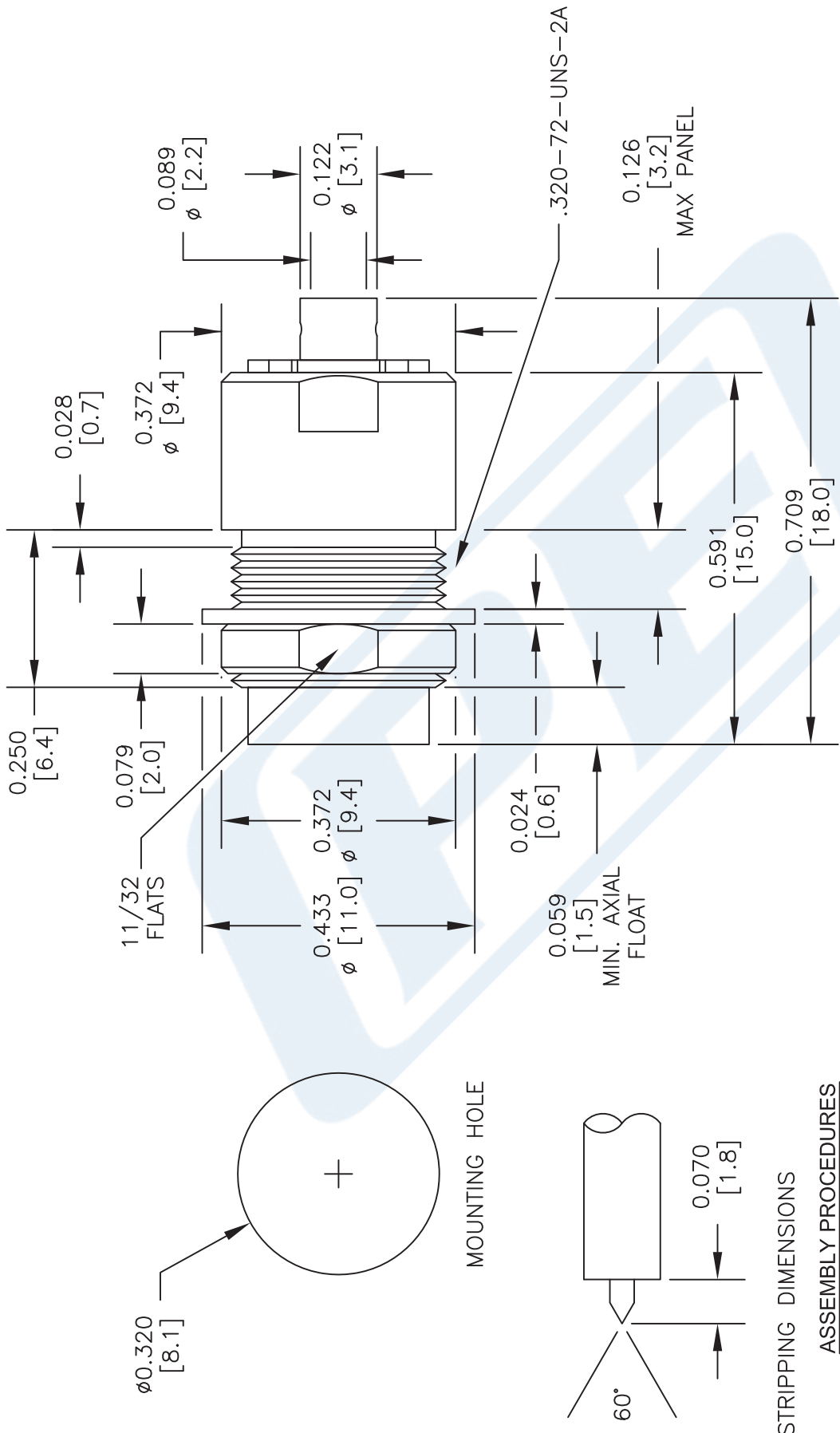
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URL: <https://www.pasternack.com/bma-jack-slide-on-rg405-pe-sr405al-pe-sr405fl-pe-sr405flj-connector-pe45323-p.aspx>

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.

PE45323 CAD Drawing

BMA Jack Bulkhead Mount Slide-On Connector Solder Attachment
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STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*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].

DWG TITLE
PE45323



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CAGE CODE 53919

CAD FILE 040417

SCALE N/A

SIZE A

2233

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.
2. SLIDE CABLE INTO CONNECTOR INSURING CENTER CONDUCTOR MATES WITH CENTER PIN.
3. OUTER CONDUCTOR BOTTOMS OUT WITH BODY SHOULDER. SOLDER OUTER CONDUCTOR TO BODY.