



75 Ohm SMC Jack Bulkhead Mount Connector Crimp/  
Solder Attachment for RG180, RG195, .177 inch D Hole

RF Connectors  
Technical Data Sheet

PE45205

### Configuration

- SMC Jack Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: RG180, RG195
- Bulkhead

### Features

- Max. Operating Frequency 2 GHz
- Gold Plated Brass Contact

### Applications

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

### Description

Pasternack's PE45205 75 ohm SMC jack bulkhead connector with crimp/solder attachment for RG180 and RG195 (.177 inch D hole) is part of our full line of RF components available for same-day shipping. Our SMC jack connector operates up to a maximum frequency of 2 GHz. This SMC 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 75 ohm SMC jack bulkhead connector PE45205 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		2	GHz
Operating Voltage (AC)			335	Vrms
Insulation Resistance	1,000			MOhms

### Mechanical Specifications

<b>Size</b>	
Length	1.152 in [29.26 mm]
Width/Dia.	0.344 in [8.74 mm]
Weight	0.012 lbs [5.44 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMC Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG180, RG195, .177 inch D Hole PE45205](#)



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**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel

**Environmental Specifications**

**Temperature**

Operating Range -65 to +165 deg C

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

**Plotted and Other Data**

Notes:

75 Ohm SMC Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG180, RG195, .177 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMC Jack Bulkhead Mount Connector Crimp/Solder Attachment for RG180, RG195, .177 inch D Hole PE45205](#)

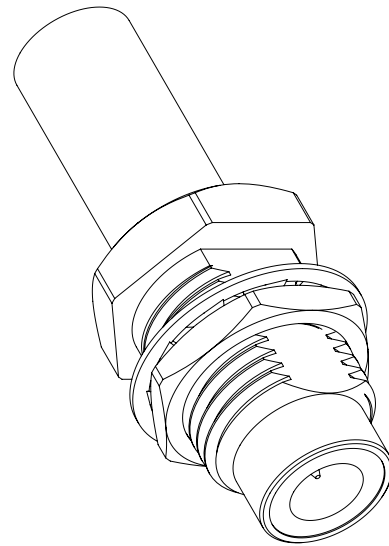
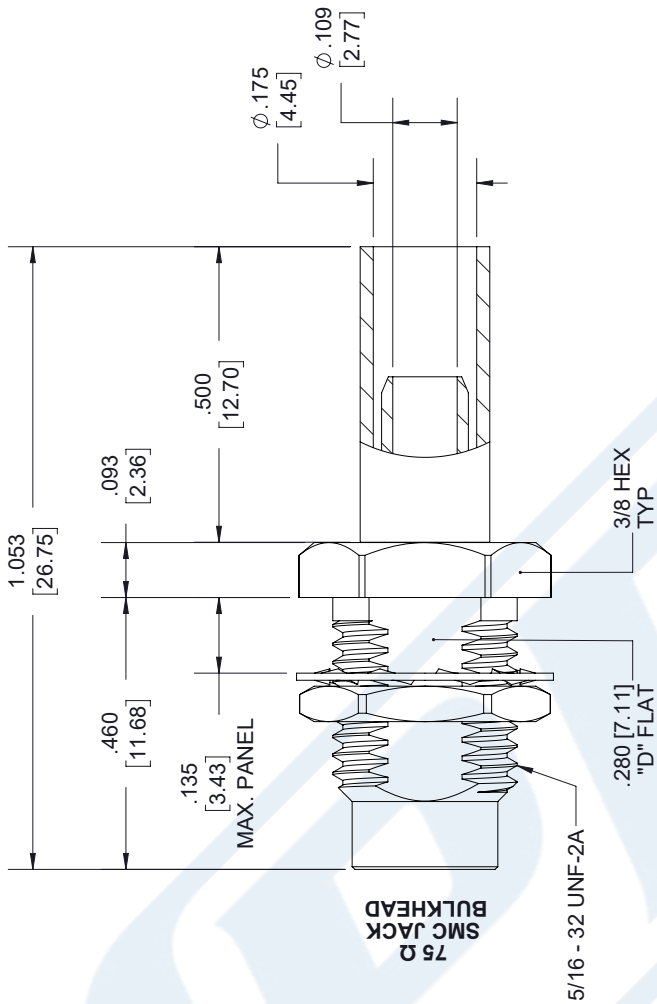
URL: <https://www.pasternack.com/smc-jack-rg180-rg195-connector-pe45205-p.aspx>

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.

# PE45205 CAD Drawing

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	2/5/2020	S.E.L.I.S



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TOLERANCES: <div>.X = ± .2 [5.08] .XX = ± .02 [ .51] .XXX = ± .005 [ .13]</div> <div>ANGLES ± °</div>		CABLE LENGTH (L) TOLERANCES: <div>L ≤ 12 [305] = +1 [25] / -0 12 [305] &lt; L ≤ 60 [1524] = +2 [51] / -0 60 [1524] &lt; L ≤ 120 [3048] = +4 [102] / -0 120 [3048] &lt; L ≤ 300 [7620] = +6 [152] / -0 300 [7620] &lt; L = +5% / -0</div>		SIZE A CAGE CODE 53919 DRAWN BY K.DANG ITEM NO. PE45205 REV A	
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