

## SMC Jack to SMC Jack Bulkhead Adapter



### TECHNICAL DATA SHEET

PE9121

#### SMC Jack to SMC Jack Bulkhead Adapter

##### Configuration

|                           |              |
|---------------------------|--------------|
| Connector 1               | SMC Jack     |
| Impedance 1               | 50 Ohms      |
| Connector Specification 1 | MIL-STD-348A |
| Connector 2               | SMC Jack     |
| Impedance 2               | 50 Ohms      |
| Connector Specification 2 | MIL-STD-348A |
| Adapter Design            | Standard     |
| Body Style                | Straight     |
| Mount Method              | Bulkhead     |

##### Electrical Specifications

|                                       |          |
|---------------------------------------|----------|
| Frequency Range, GHz                  | DC to 10 |
| Maximum Operating Voltage, Volts      | 335      |
| Dielectric Withstanding Voltage, Vrms | 1,000    |

##### Frequency 1

|                |         |
|----------------|---------|
| Frequency, GHz | DC to 6 |
| VSWR           | 1.3:1   |

##### Mechanical Specifications

###### Temperature

|                        |             |
|------------------------|-------------|
| Operating Range, deg C | -65 to +165 |
|------------------------|-------------|

###### Size

|                     |              |
|---------------------|--------------|
| Length, in [mm]     | 0.69 [17.53] |
| Width/Dia., in [mm] | 0.25 [6.35]  |

##### Connector 1

|                                       |                  |
|---------------------------------------|------------------|
| Type                                  | SMC Jack         |
| Inner Conductor Material and Plating  | Brass, Gold      |
| Inner Conductor Plating Specification | 30µ in. minimum  |
| Body Material and Plating             | Brass, Nickel    |
| Body Plating Specification            | 100µ in. minimum |
| Dielectric Type                       | Teflon           |

##### Connector 2

|                                       |                  |
|---------------------------------------|------------------|
| Type                                  | SMC Jack         |
| Inner Conductor Material and Plating  | Brass, Gold      |
| Inner Conductor Plating Specification | 30µ in. minimum  |
| Body Material and Plating             | Brass, Nickel    |
| Body Plating Specification            | 100µ in. minimum |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMC Jack to SMC Jack Bulkhead Adapter PE9121](#)

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.

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Dielectric Type

Teflon

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

Yes

#### Plotted and Other Data

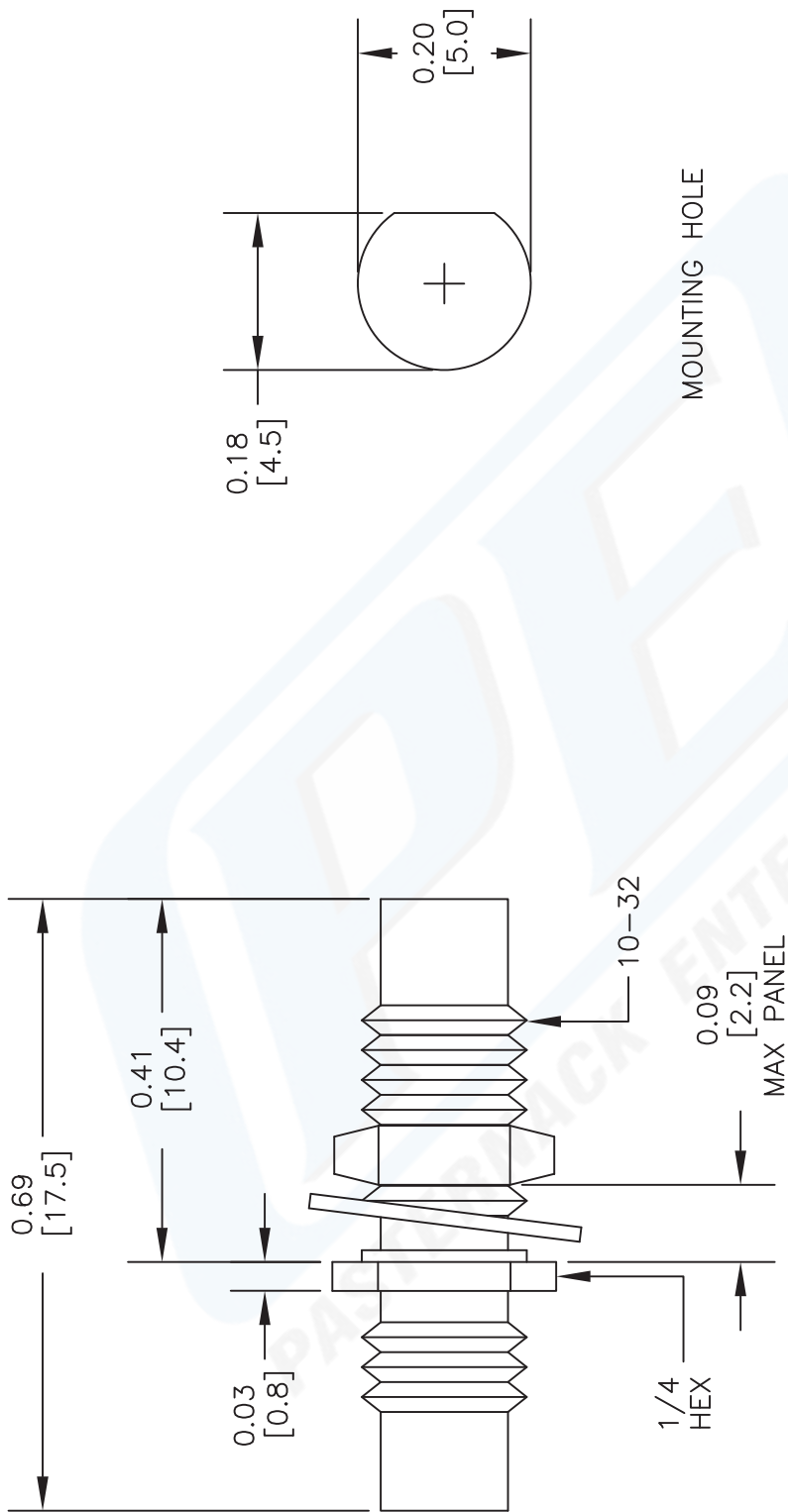
Notes:

Values at 25 °C, sea level

URL: <http://www.pasternack.com/smc-jack-smc-jack-straight-adapter-pe9121-p.aspx>

SMC Jack to SMC Jack Bulkhead Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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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  
**PE9121**

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CAD FILE 020812

SCALE N/A

SIZE A

2233