SMB Jack Connector Solder Attachment Thru Hole
PCB, .200 inch x .067 inch Hole Spacing

# RF Connectors Technical Data Sheet | PE4174

## Configuration

- SMB Jack Connector
- MIL-STD-348A
- 50 Ohms

- Straight Body Geometry
- Thru Hole Interface Type
- Solder Attachment

## Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.3:1

- Gold Plated Brass Contact
- 30 µin minimum contact plating

## Applications

- General Purpose Test
- PCB Applications

## Description

Pasternack's PE4174 SMB jack connector with solder attachment for thru hole PCB (.200 inch x .067 inch hole spacing) is part of our full line of RF components available for same-day shipping. Our SMB jack connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.3:1.

Our SMB jack connector PE4174 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 | | 4 | GHz |
| VSWR | | | 1.3:1 | |
| Operating Voltage (AC) | | | 335 | Vrms |

## Mechanical Specifications

**Size**

| | |
|---|---|
| Length | 0.445 in [11.3 mm] |
| Width/Dia. | 0.25 in [6.35 mm] |
| Height | 0.25 in [6.35 mm] |
| Weight | 0.007 lbs [3.18 g] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMB Jack Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing PE4174

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

Sales@Pasternack.com • Techsupport@Pasternack.com

© 2016 Pasternack Enterprises All Rights Reserved          PE4174  REV 1.2          1

## RF Connectors Technical Data Sheet                                        PE4174

**Material Specifications**

| Description | Material | Plating |
|---|---|---|
| Contact | Brass | Gold 30 µin minimum |
| Insulation | PTFE | |
| Body | Brass | Gold 30 µin minimum |

**Environmental Specifications**
**Temperature**
Operating Range                                      -65 to +165 deg C

**Compliance Certifications** (see product page for current document)

**Plotted and Other Data**
Notes:

SMB Jack Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.
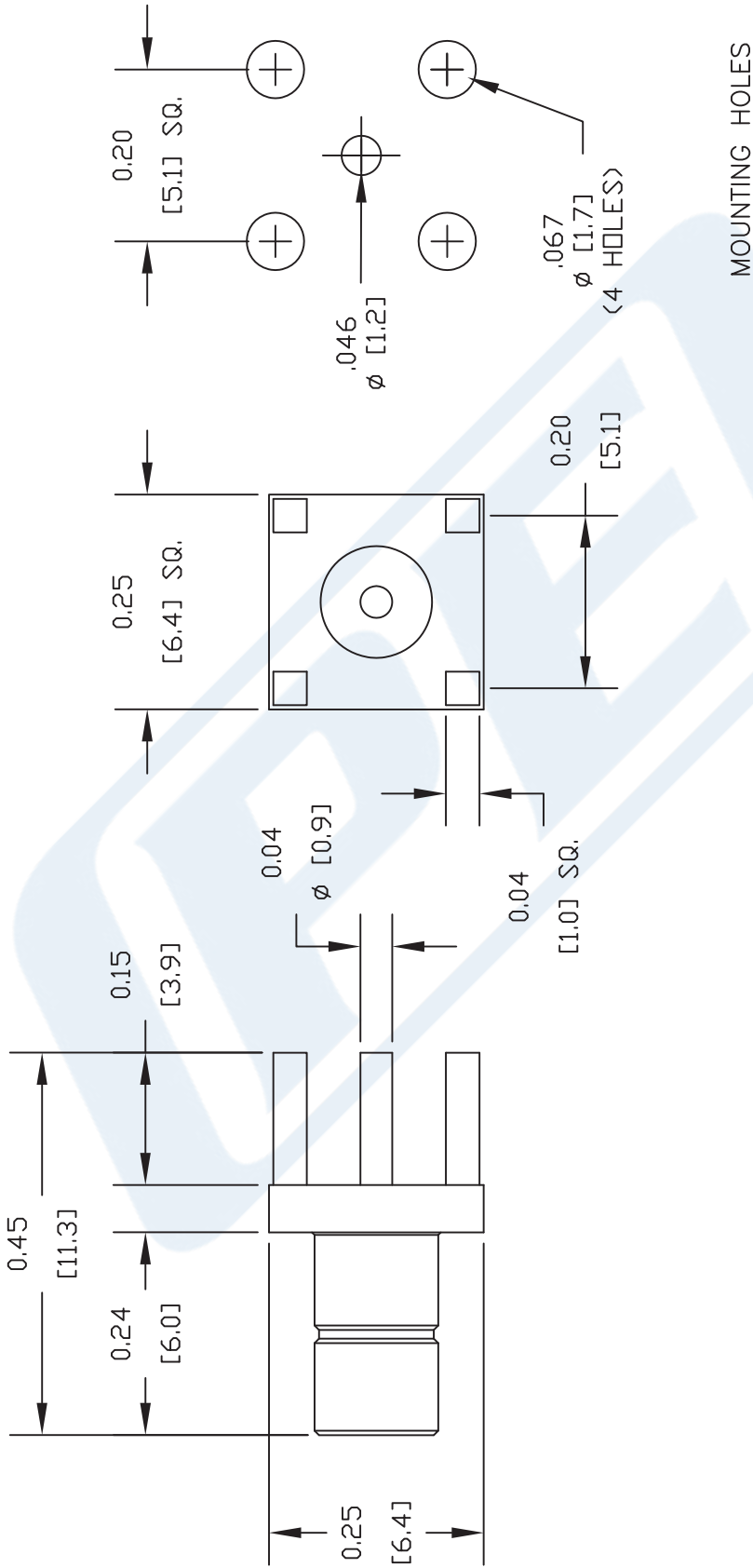
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMB Jack Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing PE4174

URL: https://www.pasternack.com/smb-jack-standard-thru-hole-pcb-connector-pe4174-p.aspx

# PE4174 CAD Drawing
## SMB Jack Connector Solder Attachment Thru Hole
## PCB, .200 inch x .067 inch Hole Spacing



0.20 [5.1] SQ.

.046 ∅ [1.2]

.067 ∅ [1.7] (4 HOLES)

MOUNTING HOLES

0.20 [5.1]

0.25 [6.4] SQ.

0.04 ∅ [0.9]

0.04 [1.0] SQ.

0.15 [3.9]

0.45 [11.3]

0.24 [6.0]

0.25 [6.4]

PE4174 REV 1.2

3