



SMA Male Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing

RF Connectors Technical Data Sheet

PE4525

Configuration

- SMA Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Thru Hole Interface Type
- Solder Attachment
- 5/16 inch Hex

Features

- Max. Operating Frequency 18 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 PE4525 SMA male 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 SMA male connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.3:1.

Our SMA male connector PE4525 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 | | | 1.3:1 | |
| Operating Voltage (AC) | | | 500 | Vrms |

Mechanical Specifications

Size

| | |
|---------------|---------------------------------|
| Length | 0.65 in [16.51 mm] |
| Width/Dia. | 0.315 in [8.00 mm] |
| Weight | 0.012 lbs [5.44 g] |
| Mating Torque | 3 to 5 in-lbs [0.34 to 0.57 Nm] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing PE4525](#)



SMA Male Connector Solder Attachment Thru Hole
PCB, .200 inch x .067 inch Hole Spacing

RF Connectors Technical Data Sheet

PE4525

Material Specifications

| Description | Material | Plating |
|--------------|----------|------------------------|
| Contact | Brass | Gold 30 µin minimum |
| Insulation | PTFE | |
| Body | Brass | Gold 3 µin minimum |
| Coupling Nut | Brass | Gold 3 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:

SMA Male 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.

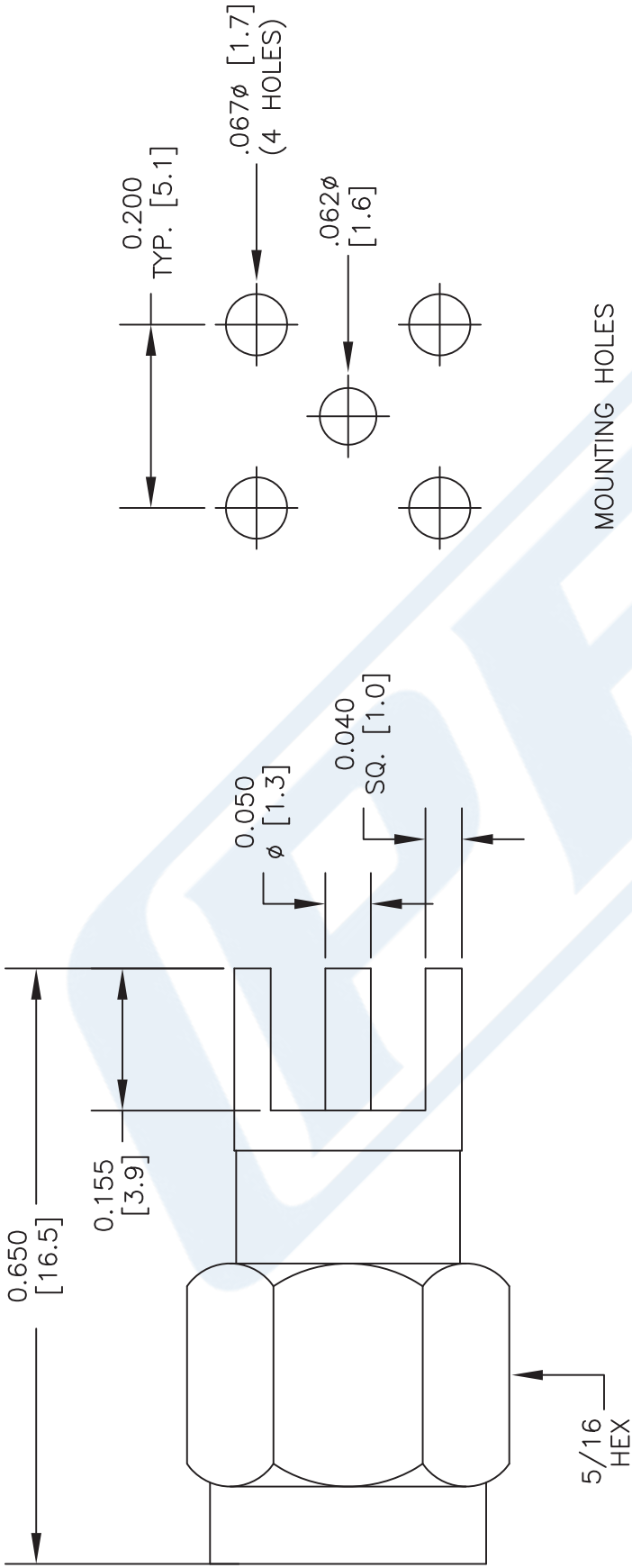
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Connector Solder Attachment Thru Hole PCB, .200 inch x .067 inch Hole Spacing PE4525](#)

URL: <https://www.pasternack.com/sma-male-standard-thru-hole-pcb-connector-pe4525-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.

PE4525 CAD Drawing

SMA Male Connector Solder Attachment Thru Hole
PCB, .200 inch x .067 inch Hole Spacing



MOUNTING HOLES

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].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE

PE4525

FSCM NO. 53919

2233

PE PASTERNAK®

Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com