



# SMA Male Connector Solder Attachment 2 Hole Flange Mount Solder Cup Terminal, .481 inch Hole Spacing

## RF Connectors Technical Data Sheet

PE4125

### Configuration

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

### Features

- Max. Operating Frequency 18 GHz
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

### Applications

- General Purpose Test
- Rack and Panel Mount Applications

### Description

Pasternack's PE4125 SMA male 2 hole flange mount connector with solder cup terminal (.481 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. This SMA 2 hole flange 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 SMA male 2 hole flange connector PE4125 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	

### Mechanical Specifications

#### Size

Length	0.7 in [17.78 mm]
Width/Dia.	0.312 in [7.92 mm]
Height	0.625 in [15.88 mm]
Weight	0.006 lbs [2.72 g]
Mating Torque	8 to 10 in-lbs [0.90 to 1.13 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 2 Hole Flange Mount Solder Cup Terminal, .481 inch Hole Spacing PE4125](#)



SMA Male Connector Solder Attachment 2 Hole Flange  
 Mount Solder Cup Terminal, .481 inch Hole Spacing

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**Material Specifications**

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Body	Passivated Stainless Steel	QQ-P-35
Coupling Nut	Passivated Stainless Steel	QQ-P-35

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

**Plotted and Other Data**

Notes:

SMA Male Connector Solder Attachment 2 Hole Flange Mount Solder Cup Terminal, .481 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.

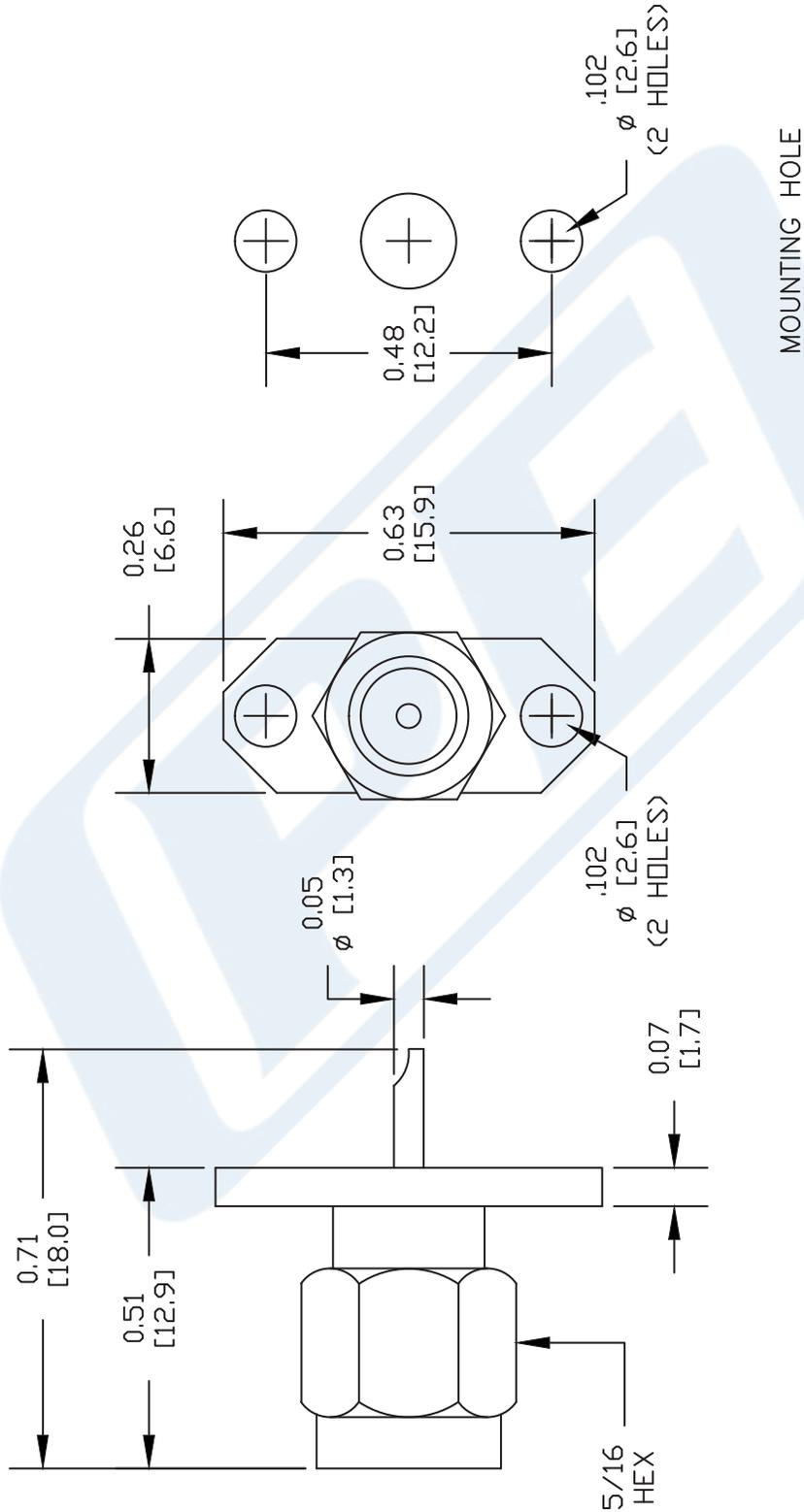
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Connector Solder Attachment 2 Hole Flange Mount Solder Cup Terminal, .481 inch Hole Spacing PE4125](#)

URL: <https://www.pasternack.com/sma-male-standard-solder-cup-terminal-connector-pe4125-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.

# PE4125 CAD Drawing

SMA Male Connector Solder Attachment 2 Hole Flange Mount  
Solder Cup Terminal, .481 inch Hole Spacing



DWG TITLE

**PE4125**

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.

REV. B

FSCM NO. 53919

CAD FILE 083111

SCALE N/A

SIZE A

2231



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