



RP SMA Female Right Angle Bulkhead Mount Connector  
Solder Attachment Thru Hole PCB, .250 inch Diameter

RF Connectors Technical Data Sheet

PE4875

### Configuration

- SMA Female Reverse Polarity Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- Thru Hole Interface Type
- Solder Attachment
- Bulkhead

### Features

- Gold Plated Contact
- Contact plating according to MIL-G-45204
- Reverse Polarity

### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- PCB Applications

### Description

Pasternack's PE4875 RP SMA female right angle bulkhead connector with solder attachment for thru hole PCB (.250 inch diameter) is part of our full line of RF components available for same-day shipping. The female reverse polarity configuration uses a female connector body with a male inner contact pin. Its right angle body geometry allows for easier connections in tight spaces. This SMA 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 reverse polarity SMA female right angle bulkhead connector PE4875 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.

### Mechanical Specifications

#### Size

Length	0.75 in [19.05 mm]
Width/Dia.	0.25 in [6.35 mm]
Height	0.505 in [12.83 mm]
Weight	0.013 lbs [5.9 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP SMA Female Right Angle Bulkhead Mount Connector Solder Attachment Thru Hole PCB, .250 inch Diameter PE4875](#)



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**Material Specifications**

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold MIL-G-45204

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

**Plotted and Other Data**

Notes:

RP SMA Female Right Angle Bulkhead Mount Connector Solder Attachment Thru Hole PCB, .250 inch Diameter 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.

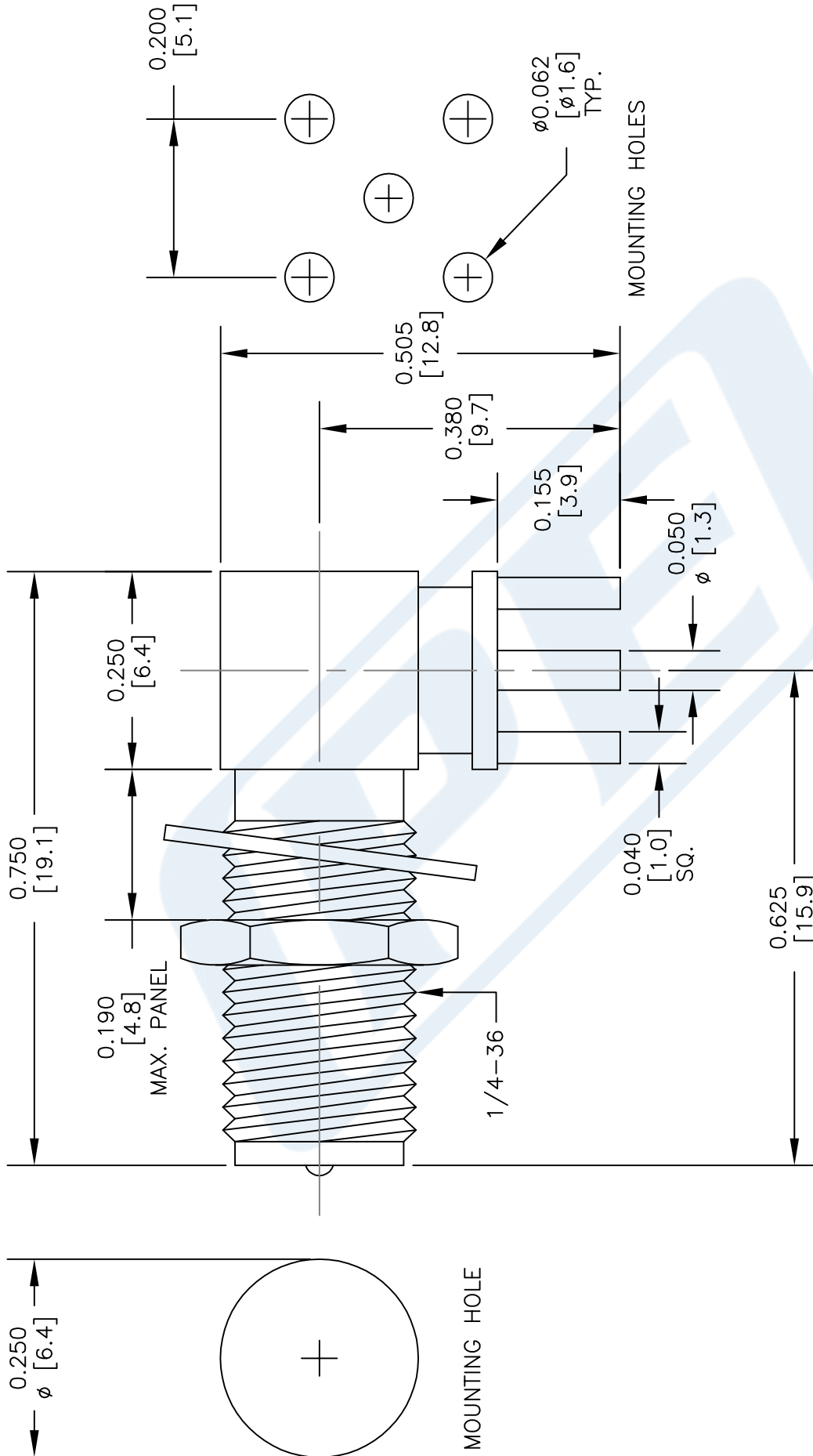
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP SMA Female Right Angle Bulkhead Mount Connector Solder Attachment Thru Hole PCB, .250 inch Diameter PE4875](#)

URL: <https://www.pasternack.com/sma-female-reverse-polarity-thru-hole-pcb-connector-pe4875-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.

# PE4875 CAD Drawing

RP SMA Female Right Angle Bulkhead Mount Connector Solder  
Attachment Thru Hole PCB, .250 inch Diameter



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

**PE4875**

FSCM NO. 53919

CAD FILE 101414

SCALE N/A

SIZE A

150

**PE PASTERNAK®**  
THE ENGINEER'S RF SOURCE

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