



SMC Jack Right Angle Bulkhead Mount Connector
Solder Attachment Thru Hole PCB, .177 inch D Hole

RF Connectors Technical Data Sheet

PE44127

Configuration

- SMC Jack Connector
- MIL-C-39012
- 50 Ohms
- Right Angle Body Geometry
- Thru Hole Interface Type
- Solder Attachment
- Bulkhead

Features

- Max. Operating Frequency 10 GHz
- Gold over Nickel Plated Brass Contact
- 30 µin minimum contact plating

Applications

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

Description

Pasternack's PE44127 SMC jack right angle bulkhead connector with solder attachment for thru hole PCB (.177 inch D hole) is part of our full line of RF components available for same-day shipping. Our SMC jack connector operates up to a maximum frequency of 10 GHz. Its right angle body geometry allows for easier connections in tight spaces. This SMC 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 SMC jack right angle bulkhead connector PE44127 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		10	GHz
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
High Potential Voltage at 4 and 7 MHz			600	Vrms
Insulation Resistance	1,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMC Jack Right Angle Bulkhead Mount Connector Solder Attachment Thru Hole PCB, .177 inch D Hole PE44127](#)



SMC Jack Right Angle Bulkhead Mount Connector
Solder Attachment Thru Hole PCB, .177 inch D Hole

RF Connectors Technical Data Sheet

PE44127

Mechanical Specifications

Size

Length	0.812 in [20.62 mm]
Width/Dia.	0.312 in [7.92 mm]
Height	0.457 in [11.61 mm]
Weight	0.009 lbs [4.08 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel 30 µin minimum
Insulation	PTFE	
Body	Brass	Gold over Nickel 10 µin minimum

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
Shock	MIL-STD-202, Method 213, Condition C
Vibration	MIL-STD-202, Method 204, Condition D
Thermal Shock	MIL-STD-202, Method 107, Condition B
Salt Spray	MIL-STD-202, Method 101, Condition B

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMC Jack Right Angle Bulkhead Mount Connector Solder Attachment Thru Hole PCB, .177 inch D Hole PE44127](#)



SMC Jack Right Angle Bulkhead Mount Connector
Solder Attachment Thru Hole PCB, .177 inch D Hole

RF Connectors Technical Data Sheet

PE44127

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

Plotted and Other Data

Notes:

SMC Jack Right Angle Bulkhead Mount Connector Solder Attachment Thru Hole PCB, .177 inch D Hole 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.

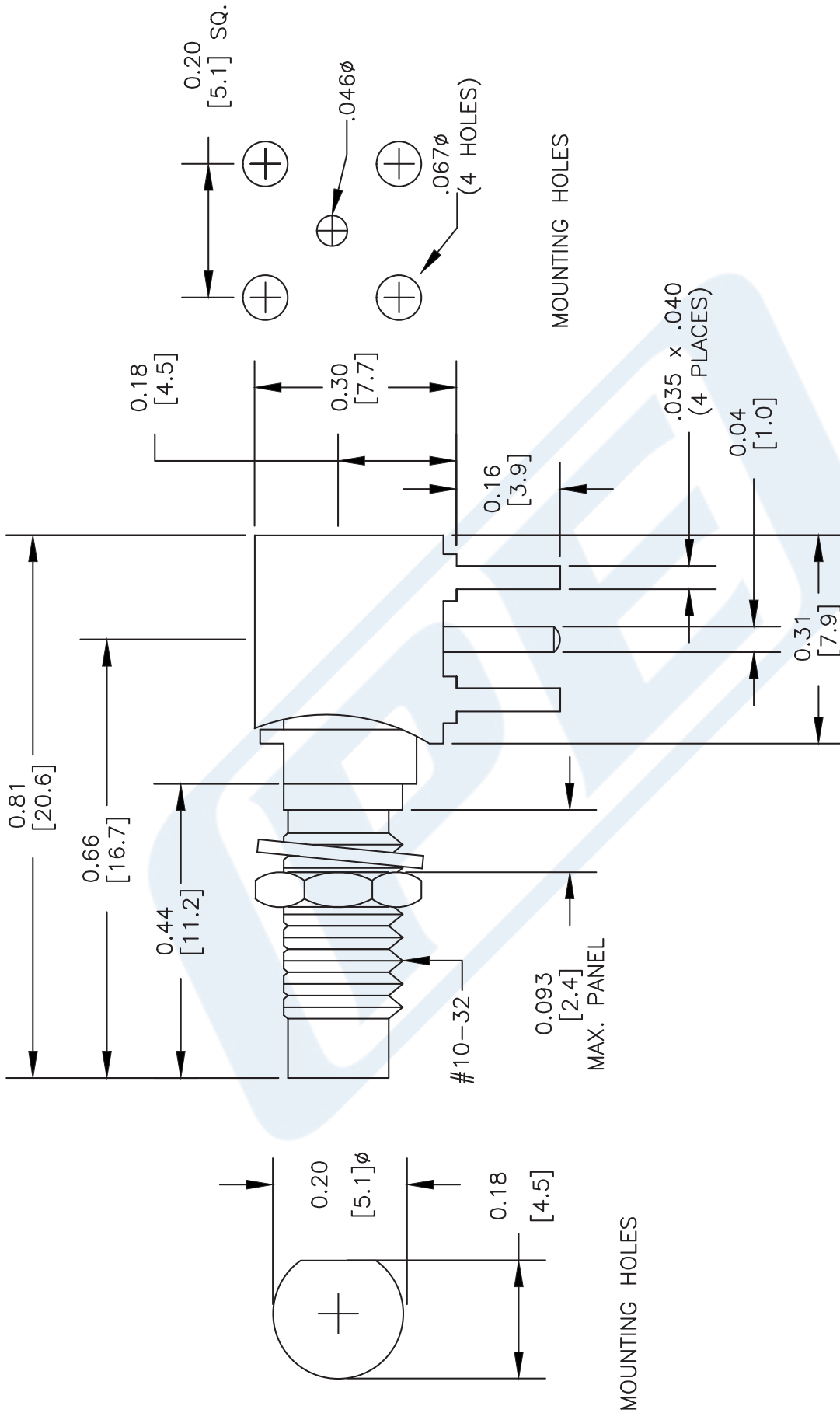
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMC Jack Right Angle Bulkhead Mount Connector Solder Attachment Thru Hole PCB, .177 inch D Hole PE44127](#)

URL: <https://www.pasternack.com/smc-jack-standard-thru-hole-pcb-connector-pe44127-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.

PE44127 CAD Drawing

SMC Jack Right Angle Bulkhead Mount Connector Solder
Attachment Thru Hole PCB, .177 inch D Hole



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

PE44127

FSCM NO. 53919

CAD FILE 062303

SCALE N/A

SIZE A

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