



75 Ohm Mini SMB Jack Connector Solder Attachment .062 inch End Launch PCB

RF Connectors Technical Data Sheet

PE44131

Configuration

- Mini SMB Jack Connector
- MIL-C-39012
- 75 Ohms
- Straight Body Geometry
- .062 inch End Launch Interface Type
- Solder Attachment

Features

- Max. Operating Frequency 2 GHz
- Gold over Nickel Plated Beryllium Copper Contact
- 30 μ m minimum contact plating

Applications

- General Purpose Test
- Space Saving for PCB Applications

Description

Pasternack's PE44131 75 ohm Mini SMB jack connector with solder attachment for .062 inch end launch PCB is part of our full line of RF components available for same-day shipping. Our Mini SMB jack connector operates up to a maximum frequency of 2 GHz.

Our 75 ohm Mini SMB jack connector PE44131 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		2	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

Mechanical Specifications

Size	
Length	0.562 in [14.27 mm]
Width/Dia.	0.25 in [6.35 mm]
Height	0.25 in [6.35 mm]
Weight	0.004 lbs [1.81 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Mini SMB Jack Connector Solder Attachment .062 inch End Launch PCB PE44131](#)



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Mating Cycles

500 Cycles

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	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 B

Vibration

MIL-STD-202, Method 204, Condition B

Thermal Shock

MIL-STD-202, Method 107, Condition B

Salt Spray

MIL-STD-202, Method 101, Condition B

Compliance Certifications (see [product page](#) for current document)**Plotted and Other Data**

Notes:

75 Ohm Mini SMB Jack Connector Solder Attachment .062 inch End Launch PCB 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.

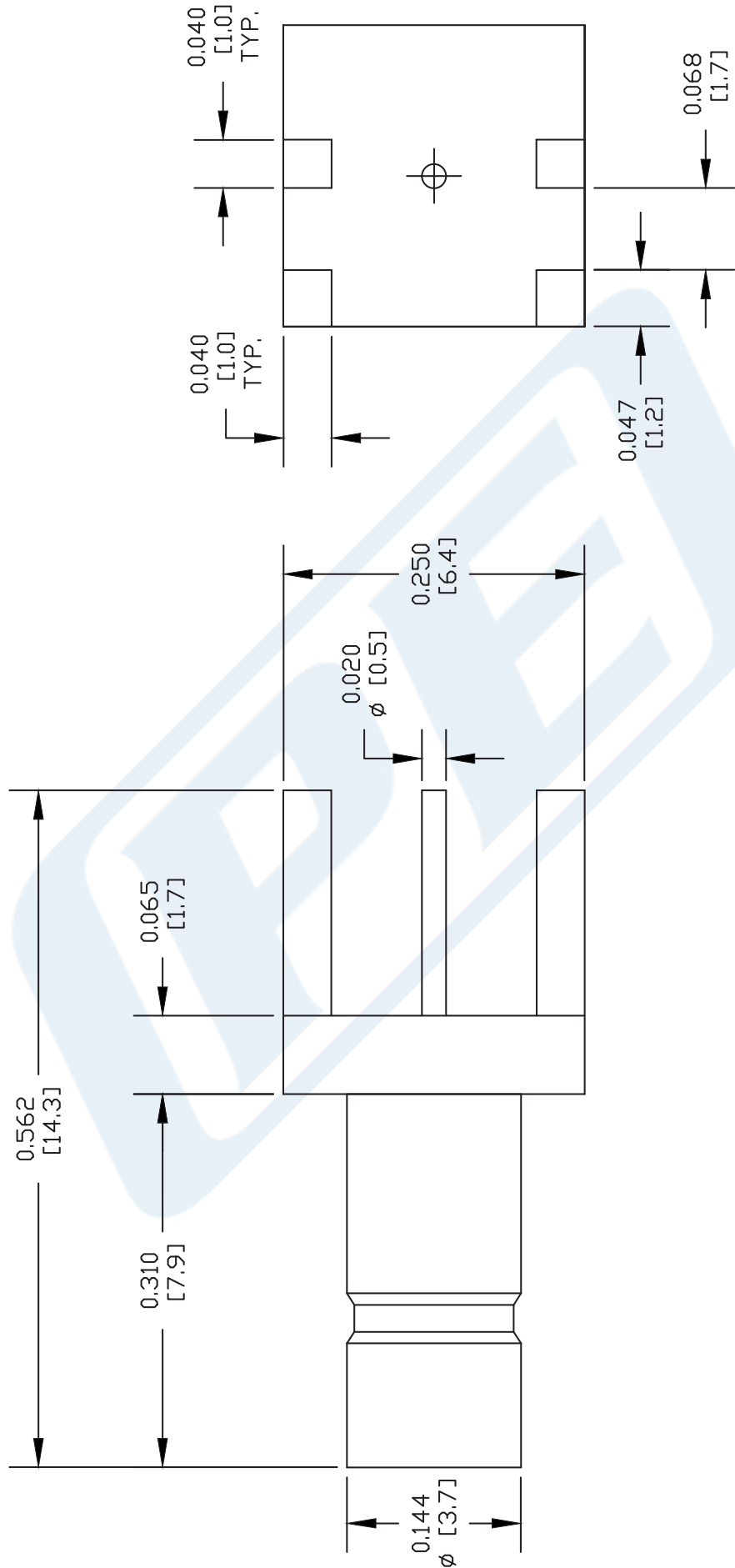
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URL: <https://www.pasternack.com/mini-smb-jack-standard-0.062-end-launch-connector-pe44131-p.aspx>

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.

PE44131 CAD Drawing

75 Ohm Mini SMB Jack Connector Solder Attachment .062 inch End Launch PCB



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
PE44131

FSCM NO. 53919

CAD FILE 070302 SCALE N/A SIZE A 127

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