



RT SMA Female Connector Solder Attachment
.062 inch End Launch PCB, .030 inch Diameter

RF Connectors Technical Data Sheet

PE44201

Configuration

- SMA Female Reverse Thread Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- .062 inch End Launch Interface Type
- Solder Attachment

Features

- Max. Operating Frequency 18 GHz
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204
- Reverse Thread

Applications

- General Purpose Test
- PCB Applications

Description

Pasternack's PE44201 RT SMA female connector with solder attachment for .062 inch end launch PCB is part of our full line of RF components available for same-day shipping. This connector has a reverse thread, also known as a left-handed thread, for connector keying. Our SMA female connector operates up to a maximum frequency of 18 GHz.

Our reverse thread SMA female connector PE44201 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
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size	
Length	5.62 in [142.75 mm]
Width/Dia.	0.375 in [9.53 mm]
Height	0.312 in [7.92 mm]
Weight	0.005 lbs [2.27 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RT SMA Female Connector Solder Attachment .062 inch End Launch PCB, .030 inch Diameter PE44201](#)



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Material Specifications

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

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

Assembly Instruction

RT SMA Female Connector Solder Attachment .062 inch End Launch PCB, .030 inch Diameter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

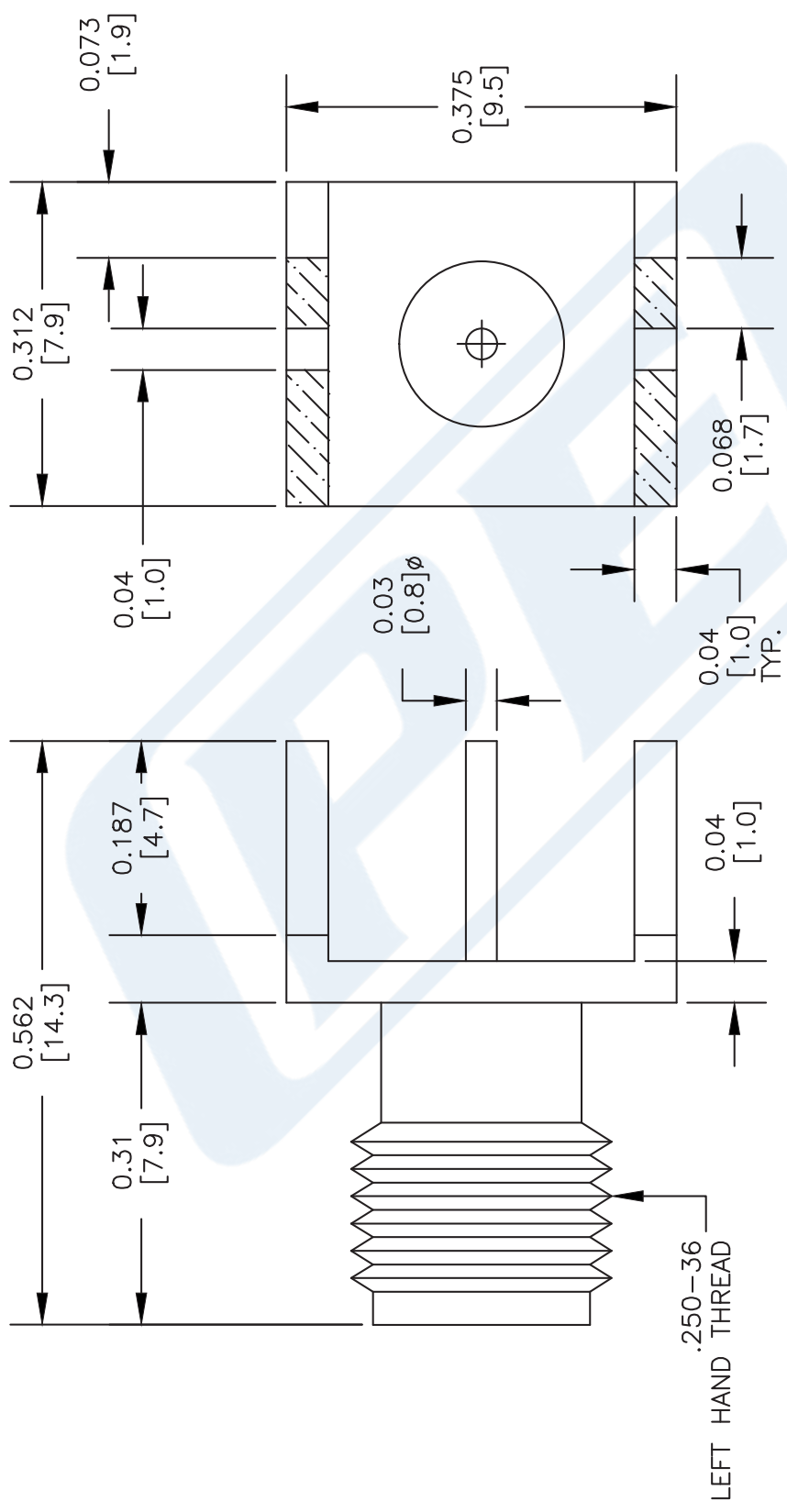
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URL: <https://www.pasternack.com/sma-female-reverse-thread-0.062-end-launch-connector-pe44201-p.aspx>

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.

PE44201 CAD Drawing

RT SMA Female Connector Solder Attachment .062 inch
End Launch PCB, .030 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].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE
PE44201

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FSCM NO. 53919

CAD FILE 070202 SCALE N/A SIZE A XXXX