



RT-SMA Male Connector Crimp/Solder Attachment for RG174,  
RG316, RG188, PE-B100, PE-C100, .100 inch, LMR-100

RF Connectors  
Technical Data Sheet

PE44184

### Configuration

- SMA Male Reverse Thread Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG174, RG316, RG188, PE-B100, PE-C100, .100 inch, LMR-100 Interface Type
- Crimp/Solder Attachment
- 5/16 inch Hex

### Features

- Max. Operating Frequency 12.4 GHz
- Gold Plated Contact
- Contact plating according to MIL-G-45204
- Reverse Thread

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Pasternack's PE44184 RT SMA male connector with crimp/solder attachment for RG174, RG316, RG188, PE-B100, PE-C100, .100 inch and LMR-100 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 male connector operates up to a maximum frequency of 12.4 GHz.

Our reverse thread SMA male connector PE44184 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		12.4	GHz
Operating Voltage (AC)			750	Vrms
Insulation Resistance	5,000			MOhms

### Mechanical Specifications

#### Size

Length	0.89 in [22.61 mm]
Width/Dia.	0.312 in [7.92 mm]
Weight	0.008 lbs [3.63 g]
Mating Torque	3 to 5 in-lbs [0.34 to 0.57 Nm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RT-SMA Male Connector Crimp/Solder Attachment for RG174, RG316, RG188, PE-B100, PE-C100, .100 inch, LMR-100 PE44184](#)



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### Material Specifications

Description	Material	Plating
Contact		Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290
Coupling Nut	Brass	Nickel QQ-N-290

### Environmental Specifications

#### Temperature

Operating Range

-65 to +165 deg C

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

### Plotted and Other Data

Notes:

RT-SMA Male Connector Crimp/Solder Attachment for RG174, RG316, RG188, PE-B100, PE-C100, .100 inch, LMR-100 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.

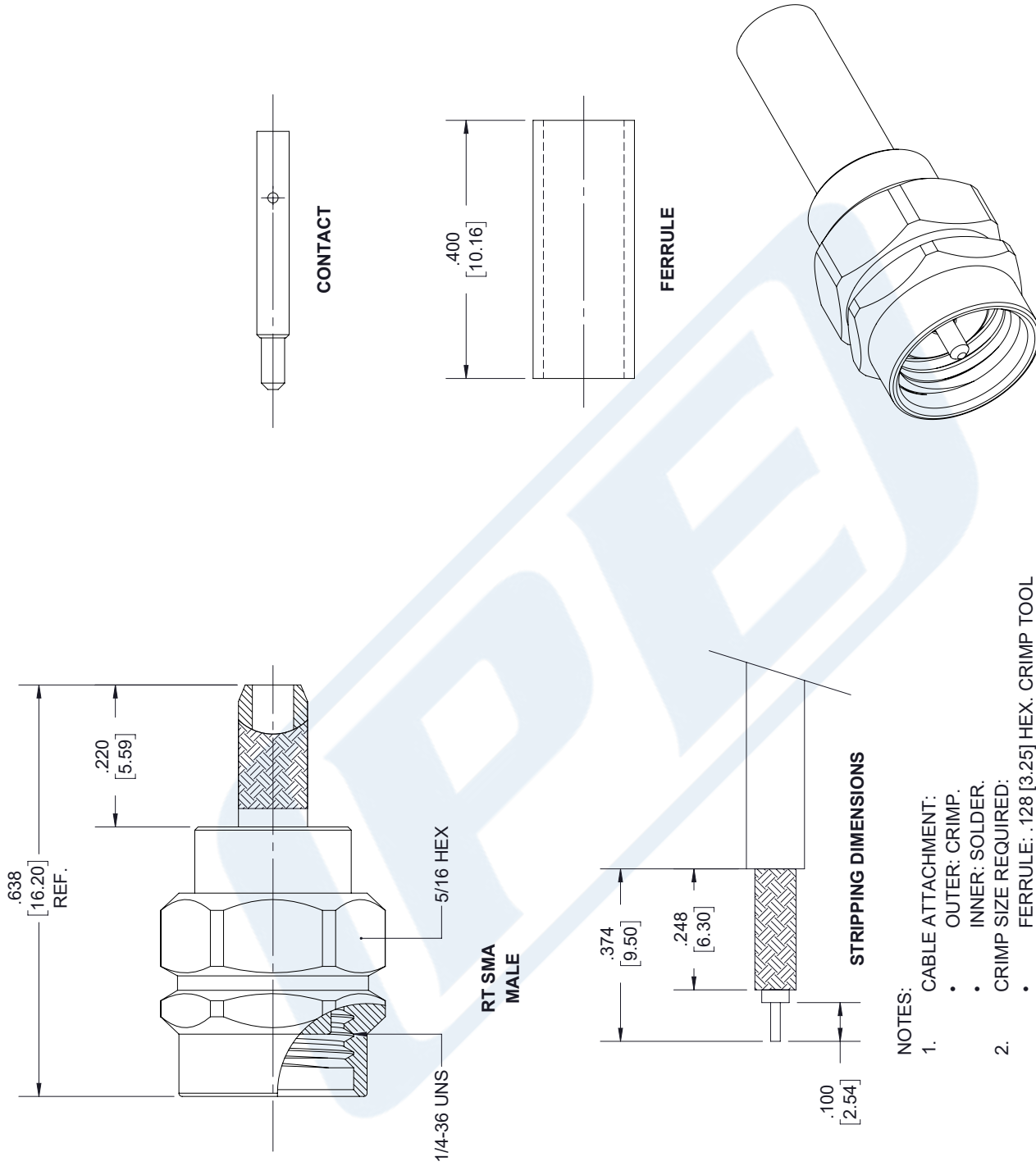
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RT-SMA Male Connector Crimp/Solder Attachment for RG174, RG316, RG188, PE-B100, PE-C100, .100 inch, LMR-100 PE44184](#)

URL: <https://www.pasternack.com/sma-male-reverse-thread-rg174-rg316-rg188-connector-pe44184-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.

# PE44184 CAD Drawing

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## STANDARD TOLERANCES

.X ±0.2  
.XX ±0.01  
.XXX ±0.005

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE44184

CAGE CODE 53919

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].

CAD FILE 10/26/18

SCALE N/A

SIZE A

7361