

# RF Connectors Technical Data Sheet

PE44189

- SMA Male Reverse Thread Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry

- RG178, RG196 Interface Type
- Crimp/Solder Attachment
- 5/16 inch Hex

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

- Reverse Thread

- General Purpose Test
- Custom Cable Assemblies

Pasternack's PE44189 RT SMA male right angle connector with crimp/solder attachment for RG178 and RG196 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. Its right angle body geometry allows for easier connections in tight spaces.

Our reverse thread SMA male right angle connector PE44189 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.

### Size

Length  
Width/Dia.  
Height  
Weight

0.71 in [18.03 mm]  
0.312 in [7.92 mm]  
0.625 in [15.88 mm]  
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: [RT SMA Male Right Angle Connector Crimp/Solder Attachment for RG178, RG196 PE44189](#)



RT SMA Male Right Angle Connector Crimp/  
Solder Attachment for RG178, RG196

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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

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

**Plotted and Other Data**

Notes:

RT SMA Male Right Angle Connector Crimp/Solder Attachment for RG178, RG196 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.

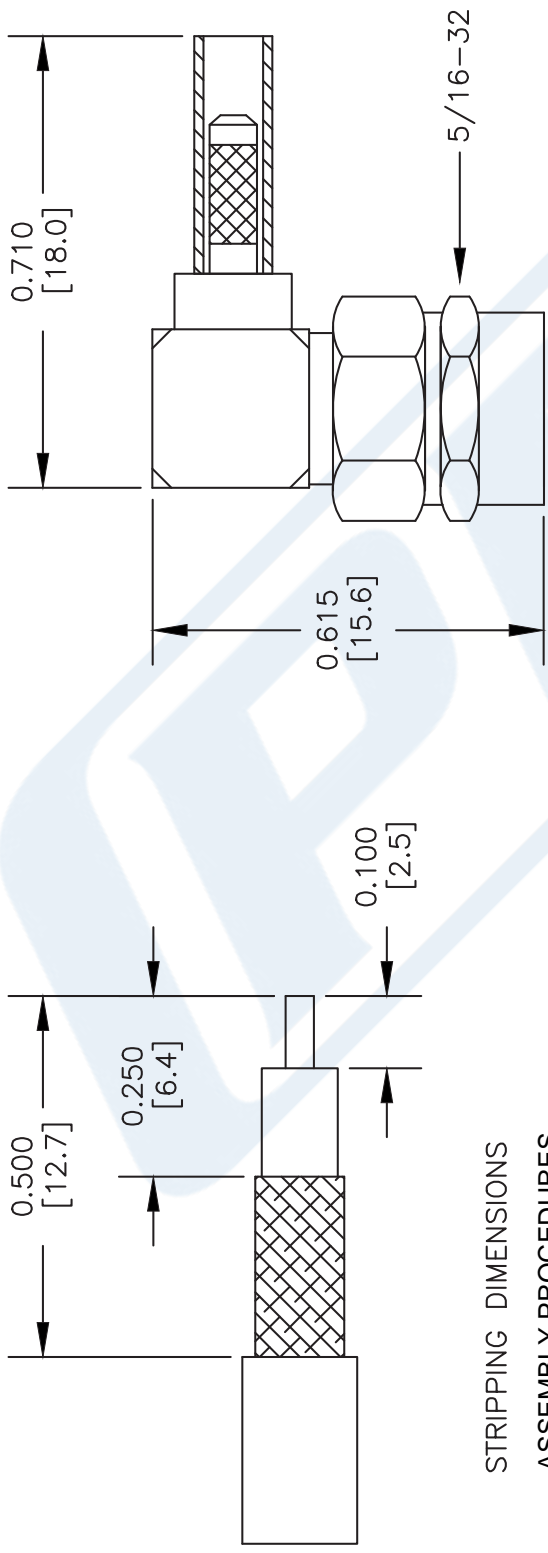
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RT SMA Male Right Angle Connector Crimp/Solder Attachment for RG178, RG196 PE44189](#)

URL: <https://www.pasternack.com/sma-male-reverse-thread-rg178-rg196-connector-pe44189-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.

PE44189 CAD Drawing

RT SMA Male Right Angle Connector Crimp/Solder Attachment for RG178, RG196



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR.SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE & PRESS CAP DOWN.

CRIMP SIZE REQUIRED

FERRULE: .100" HEX CRIMP TOOL



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DWG TITLE

**PE44189**

FSCM NO. 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].  
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

CAD FILE 070802

SCALE N/A

SIZE A

127