



RT SMA Female Bulkhead Connector Crimp/Solder
Attachment For RG178, RG196, .235 inch D Hole

TECHNICAL DATA SHEET

PE44197

RT SMA Female Bulkhead Connector Crimp/Solder Attachment For RG178, RG196, .235 inch D Hole

Configuration

Connector	SMA Female Reverse Thread
Connector Specification	MIL-C-39012
Connector Interface Type	RG178, RG196
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight
Mount Method	Bulkhead

Electrical Specifications

Impedance, Ohms	50
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Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
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Size

Length, in [mm]	1.26 [32]
Width/Dia., in [mm]	0.312 [7.92]
Weight, lbs [g]	0.013 [5.9]

Connector

Type	SMA Female Reverse Thread
Contact Material and Plating	Gold
Contact Plating Specification	MIL-G-45204
Body Material and Plating	Brass, Nickel
Dielectric Type	Teflon

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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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 Bulkhead Connector Crimp/Solder Attachment For RG178, RG196, .235 inch D Hole PE44197](#)

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.



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Plotted and Other Data

Notes:

Values at 25 °C, sea level

RT SMA Female Bulkhead Connector Crimp/Solder Attachment For RG178, RG196, .235 inch D Hole from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

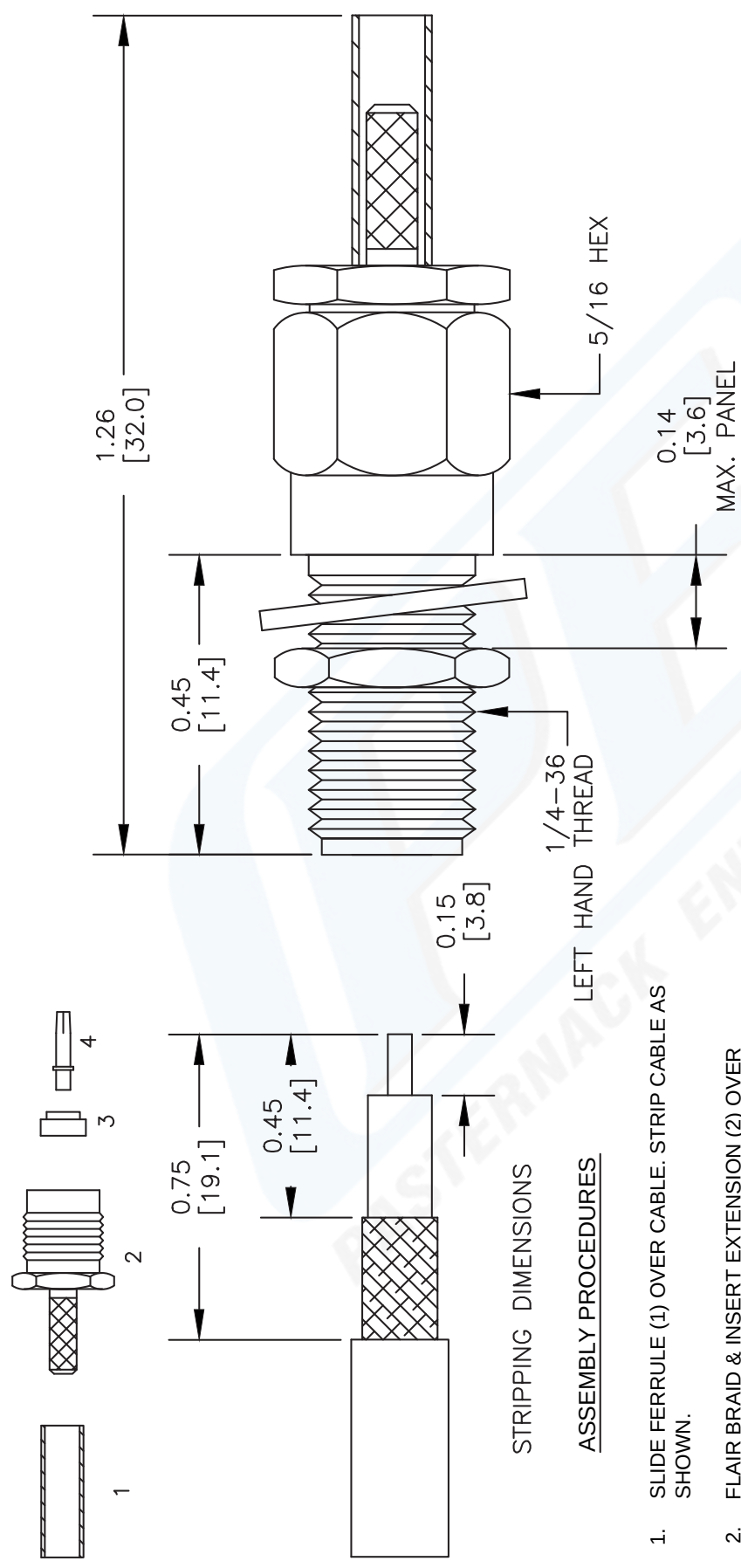
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RT SMA Female Bulkhead Connector Crimp/Solder Attachment For RG178, RG196, .235 inch D Hole PE44197](http://www.pasternack.com/sma-female-reverse-thread-rg178-rg196-connector-pe44197-p.aspx)

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PE44197 CAD Drawing

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1. SLIDE FERRULE (1) OVER CABLE. STRIP CABLE AS SHOWN.
2. FLAIR BRAID & INSERT EXTENSION (2) OVER DIELECTRIC & UNDER BRAID WITH CENTER CONDUCTOR PROTRUDING THROUGH EXTENSION. SLIDE PTFE (3) OVER CENTER CONDUCTOR.
3. SOLDER CONTACT (4) TO CENTER CONDUCTOR. INSTALL CABLE ASSEMBLY INTO BODY & TIGHTEN. SLIDE FERRULE OVER BRAID & CRIMP.

CRIMP SIZE REQUIRED
FERRULE: .100" HEX CRIMP TOOL



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DWG TITLE

PE44197

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 070202

SCALE N/A

SIZE A

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