



75 Ohm SMC Plug Connector Clamp/Solder Attachment for RG179, RG187

RF Connectors Technical Data Sheet

PE4259

Configuration

- SMC Plug Connector
- MIL-STD-348
- 75 Ohms
- Straight Body Geometry
- RG179, RG187 Interface Type
- Clamp/Solder Attachment
- 11/32 inch Hex

Features

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

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4259 75 ohm SMC plug connector with clamp/solder attachment for RG179 and RG187 is part of our full line of RF components available for same-day shipping.

Our 75 ohm SMC plug connector PE4259 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.

Mechanical Specifications

Size	
Length	0.71 in [18.03 mm]
Width/Dia.	0.34 in [8.64 mm]
Weight	0.013 lbs [5.9 g]

Material Specifications

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMC Plug Connector Clamp/Solder Attachment for RG179, RG187 PE4259](#)



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Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

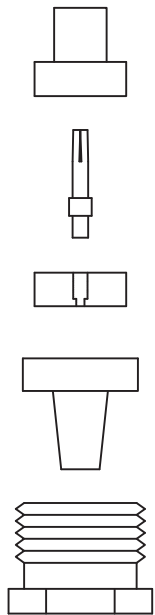
Notes:

75 Ohm SMC Plug Connector Clamp/Solder Attachment for RG179, RG187 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.

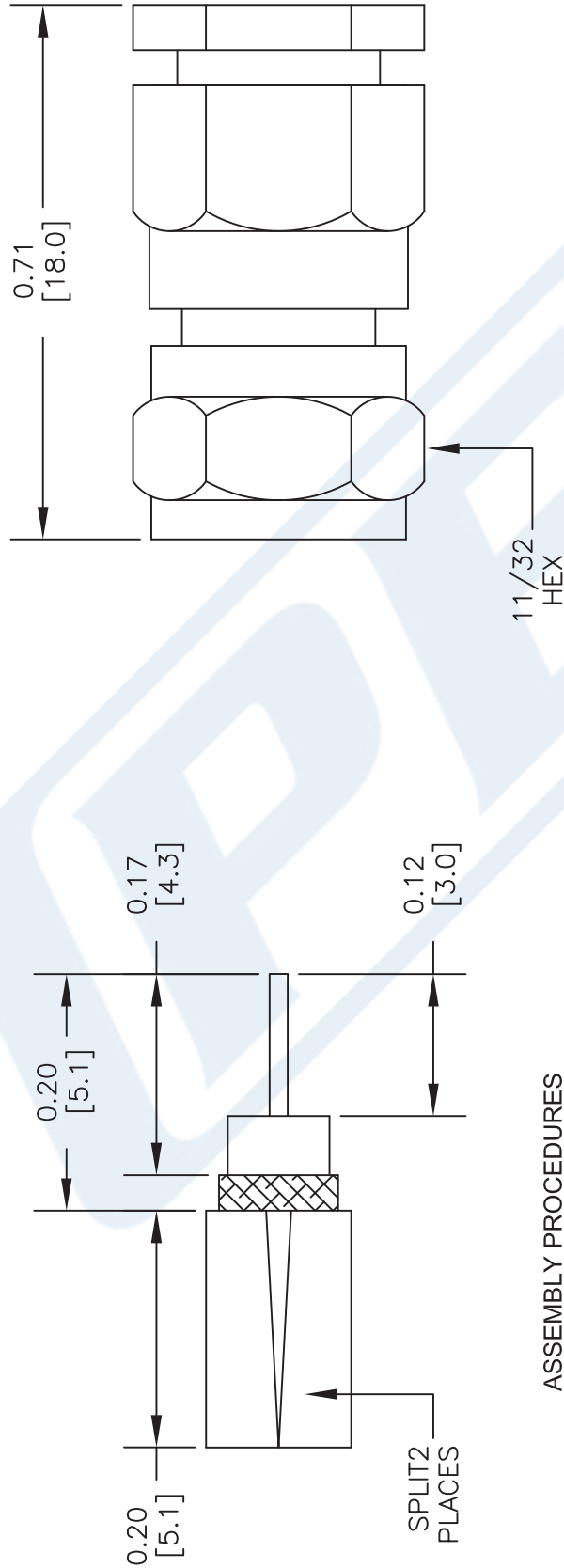
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URL: <https://www.pasternack.com/smc-plug-standard-rg179-rg187-connector-pe4259-p.aspx>

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.



1 2 3 4 5



ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID & CENTER CONDUCTOR. SLIT JACKET IN 2 PLACES. TIN CENTER CONDUCTOR.
2. SLIDE CONE ASSEMBLY (2) OVER DIELECTRIC & UNDER BRAID. SLIDE REAR INSULATOR (3) OVER CENTER CONDUCTOR RESTING AGAINST CONE ASSEMBLY (2).
3. SOLDER CONTACT (4) TO CENTER CONDUCTOR THROUGH HOLE IN CONTACT. SLIDE FRONT INSULATOR (5) OVER CONTACT. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



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

DWG TITLE

PE4259

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 101512-B

SCALE N/A

SIZE A

2233