



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

### TECHNICAL DATA SHEET

PE4259

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

##### Configuration

Connector	SMC Plug
Connector Specification	MIL-C-39012
Connector Interface Type	RG179, RG187
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

##### Electrical Specifications

Impedance, Ohms	75
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##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-65 to +165
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###### Size

Length, in [mm]	0.71 [18.03]
Width/Dia., in [mm]	0.34 [9]
Weight, lbs [g]	0.013 [5.9]

###### Connector

Type	SMC Plug
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](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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##### Plotted and Other Data

Notes: Values at 25 °C, sea level

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

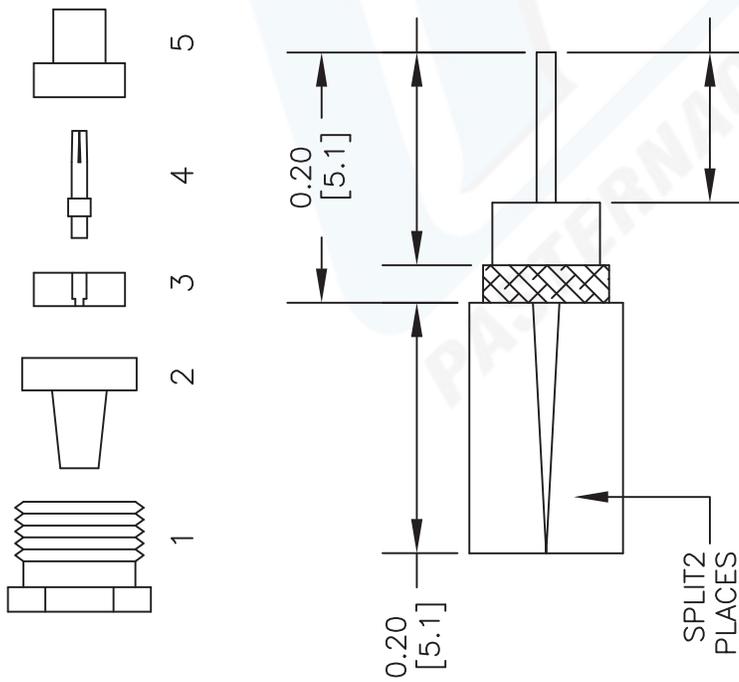
75 Ohm SMC Plug Connector Clamp/Solder Attachment For RG179, RG187 from Pasternack Enterprises has same day shipment for domestic and International orders. We maintain 99% availability of the industry's broadest selection of RF, microwave and fiber optic products.

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.



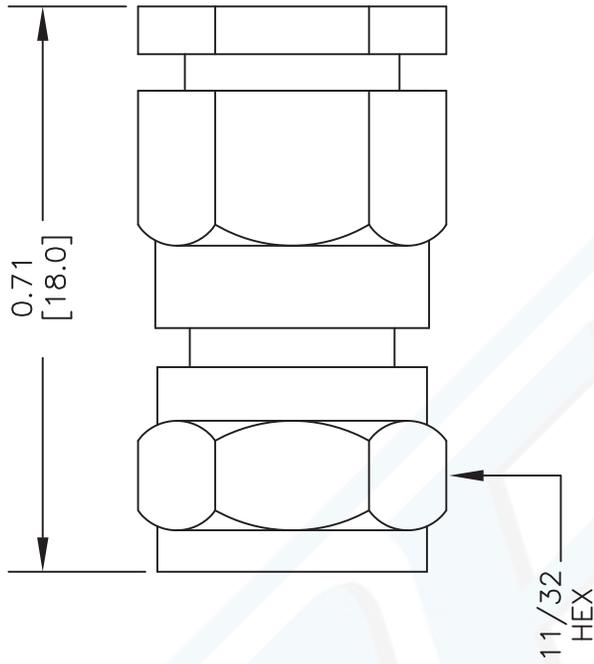
# PE4259 CAD Drawing

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



## 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.



DWG TITLE

**PE4259**

- 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.

**FSCM NO. 53919**

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SIZE A

SCALE N/A

CAD FILE 101512-B