



## SC Male Connector Clamp/Solder Attachment For RG218

### TECHNICAL DATA SHEET

PE4977

#### SC Male Connector Clamp/Solder Attachment For RG218

##### Configuration

|  |              |
|--|--------------|
| Connector                                | SC Male      |
| Connector Specification                  | MIL-C-39012  |
| Connector Interface Type                 | RG218        |
| Cable Attachment Method (Shield/Contact) | Clamp/Solder |
| Body Style                               | Straight     |

##### Electrical Specifications

|                 |    |
|-----------------|----|
| Impedance, Ohms | 50 |
|-----------------|----|

##### Mechanical Specifications

|                        |                |
|------------------------|----------------|
| <b>Temperature</b>     |                |
| Operating Range, deg C | -65 to +165    |
| <b>Size</b>            |                |
| Length, in [mm]        | 2.315 [58.8]   |
| Width/Dia., in [mm]    | 1.31 [33.27]   |
| Weight, lbs [g]        | 0.336 [152.41] |

##### Connector

|                                   |               |
|-----------------------------------|---------------|
| Type                              | SC Male       |
| Contact Material and Plating      | Silver        |
| Contact Plating Specification     | QQ-S-365      |
| Coupling Nut Material and Plating | Brass, Nickel |
| 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 |
|----------------|-----|

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SC Male Connector Clamp/Solder Attachment For RG218 PE4977](#)

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

SC Male Connector Clamp/Solder Attachment For RG218 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.

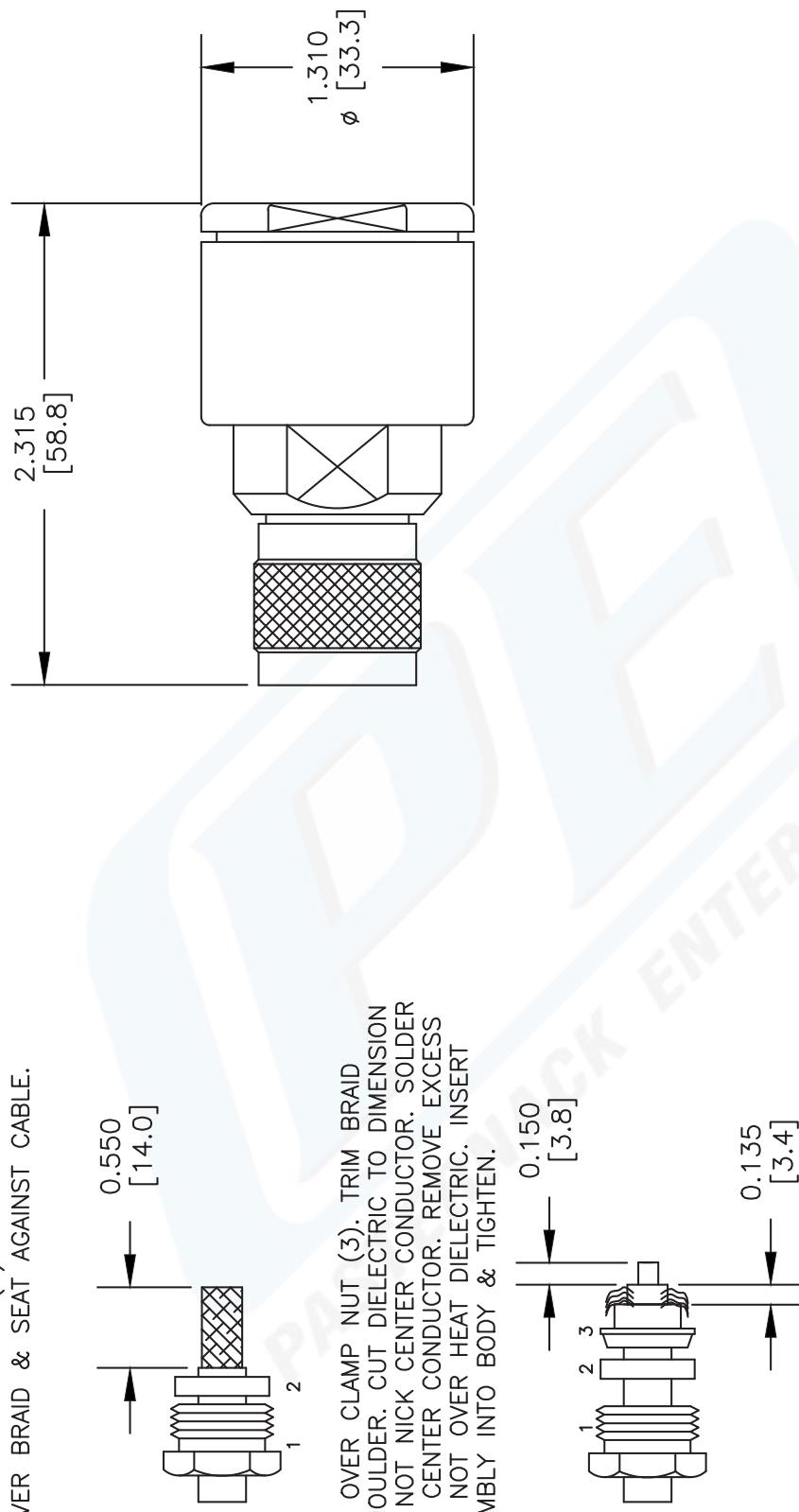
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SC Male Connector Clamp/Solder Attachment For RG218 PE4977](#)

URL: <http://www.pasternack.com/sc-male-standard-rg218-connector-pe4977-p.aspx>

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**ASSEMBLY PROCEDURES**

SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE.  
STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE  
CUTTING JACKET. TAPER END OF BRAID TO PERMIT  
ASSEMBLY OF BRAID CLAMP (3) SLIDE BRAID  
CLAMP(3) OVER BRAID & SEAT AGAINST CABLE.



FORM BRAID OVER CLAMP NUT (3). TRIM BRAID  
BACK TO SHOULDER. CUT DIELECTRIC TO DIMENSION  
SHOWN. DO NOT NICK CENTER CONDUCTOR. SOLDER  
CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS  
SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT  
CABLE ASSEMBLY INTO BODY & TIGHTEN.

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.

DWG TITLE  
**PE4977**

**PE PASTERNACK**  
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| FSCM NO. | CAD FILE | SCALE | SIZE | A    |
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