



## SMC Jack Connector Clamp/Solder Attachment For RG174, RG316, RG188

### TECHNICAL DATA SHEET

**PE4270**

#### SMC Jack Connector Clamp/Solder Attachment For RG174, RG316, RG188

##### Configuration

|  |                     |
|--|---------------------|
| Connector                                | SMC Jack            |
| Connector Interface Type                 | RG174, RG316, RG188 |
| Cable Attachment Method (Shield/Contact) | Clamp/Solder        |
| Body Style                               | Straight            |

##### Electrical Specifications

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

##### Mechanical Specifications

###### Size

|                     |              |
|---------------------|--------------|
| Length, in [mm]     | 0.65 [16.51] |
| Width/Dia., in [mm] | 0.218 [5.54] |
| Weight, lbs [g]     | 0.005 [2.27] |

###### Connector

|                              |               |
|------------------------------|---------------|
| Type                         | SMC Jack      |
| Contact Material and Plating | Gold          |
| Body Material and Plating    | Brass, Nickel |
| Dielectric Type              | PTFE          |

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

##### Plotted and Other Data

Notes: Values at 25 °C, sea level

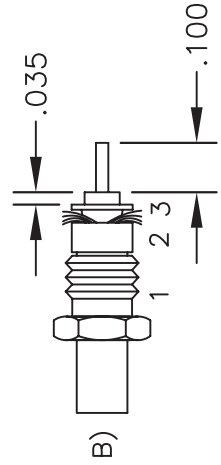
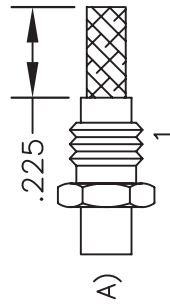
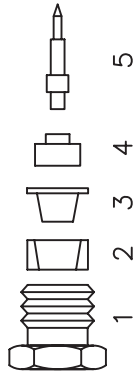
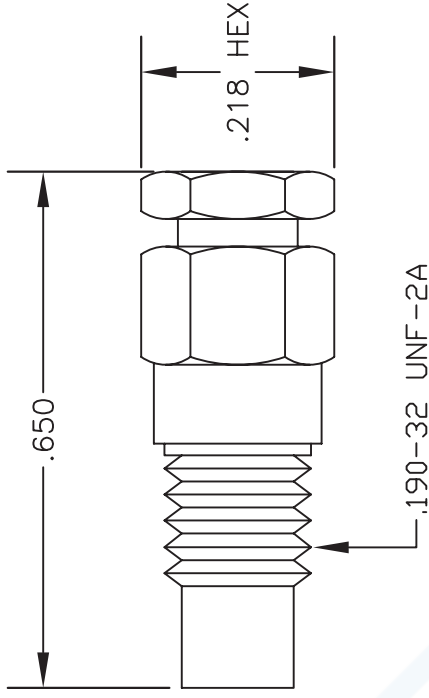
SMC Jack Connector Clamp/Solder Attachment For RG174, RG316, RG188 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMC Jack Connector Clamp/Solder Attachment For RG174, RG316, RG188 PE4270](http://www.pasternack.com/smc-jack-standard-rg174-rg316-rg188-connector-pe4270-p.aspx)

URL: <http://www.pasternack.com/smc-jack-standard-rg174-rg316-rg188-connector-pe4270-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.

| MATERIALS |                     |
|-----------|---------------------|
| BODY      | BRASS NICKEL PLATED |
| CONTACT   | GOLD PLATED         |
| INSULATOR | PTFE                |
|           |                     |



ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) OVER CABLE. STRIP CABLE AS SHOWN IN A. SLIDE COMPRESSION WASHER (2) OVER BRAID & SEAT AGAINST JACKET. FLAIR BRAID OVER COMPRESSION WASHER (2).
2. SLIDE BRAID CLAMP (3) OVER DIELECTRIC & UNDER BRAID. PUSH INTO WASHER UNTIL IT STOPS. STRIP CABLE AS SHOWN IN B. TRIM EXCESS BRAID FLUSH WITH SURFACE OF COMPRESSION WASHER (2). INSERT INSULATOR (4) OVER DIELECTRIC WITH CENTER CONDUCTOR PROTRUDING THROUGH HOLE.
3. SOLDER CONTACT (5) TO CENTER CONDUCTOR. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.

STRIPPING DIMENSIONS



**PASTERNAK ENTERPRISES, INC.**  
 P.O. BOX 16759, IRVINE, CA 92623  
 PHONE (949) 261-1920 FAX (949) 261-7451  
 WEB ADDRESS: www.pasternack.com  
 E-MAIL ADDRESS: sales@pasternack.com  
**COAXIAL & FIBER OPTICS**

|               |                |   |
|---------------|----------------|---|
| DWG TITLE     | DES.           | SMC JACK, CLAMP ATTACHMENT FOR RG174, RG188 & RG316 |
| <b>PE4270</b> |                |   |
| REV. -        | FSCM NO. 53919 | CAD FILE 042309                                     |
|               | SCALE N/A      | SIZE A 147  |

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.