



75 Ohm SMB Plug Connector Crimp/Solder Attachment For RG179, RG187

TECHNICAL DATA SHEET

PE4248

75 Ohm SMB Plug Connector Crimp/Solder Attachment For RG179, RG187

Configuration

| | |
|--|--------------|
| Connector | SMB Plug |
| Connector Interface Type | RG179, RG187 |
| Cable Attachment Method (Shield/Contact) | Crimp/Solder |
| Body Style | Straight |

Electrical Specifications

| | |
|----------------------------------|-------------|
| Frequency Range, MHz | DC to 1,000 |
| Impedance, Ohms | 75 |
| Maximum Operating Voltage, Volts | 335 |

Mechanical Specifications

Temperature

| | |
|------------------------|-------------|
| Operating Range, deg C | -65 to +165 |
|------------------------|-------------|

Size

| | |
|---------------------|---------------|
| Length, in [mm] | 0.818 [20.78] |
| Width/Dia., in [mm] | 0.362 [9] |
| Weight, lbs [g] | 0.006 [2.72] |

Connector

| | |
|-------------------------------|------------------------|
| Type | SMB Plug |
| Contact Material and Plating | Beryllium Copper, Gold |
| Contact Plating Specification | 30µ in. minimum |
| Body Material and Plating | Brass, Nickel |
| Body Plating Specification | 100µ in. minimum |
| Dielectric Type | Teflon |

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

| | |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

Plotted and Other Data

Notes: Values at 25 °C, sea level

URL: <http://www.pasternack.com/smb-plug-standard-rg179-rg187-connector-pe4248-p.aspx>

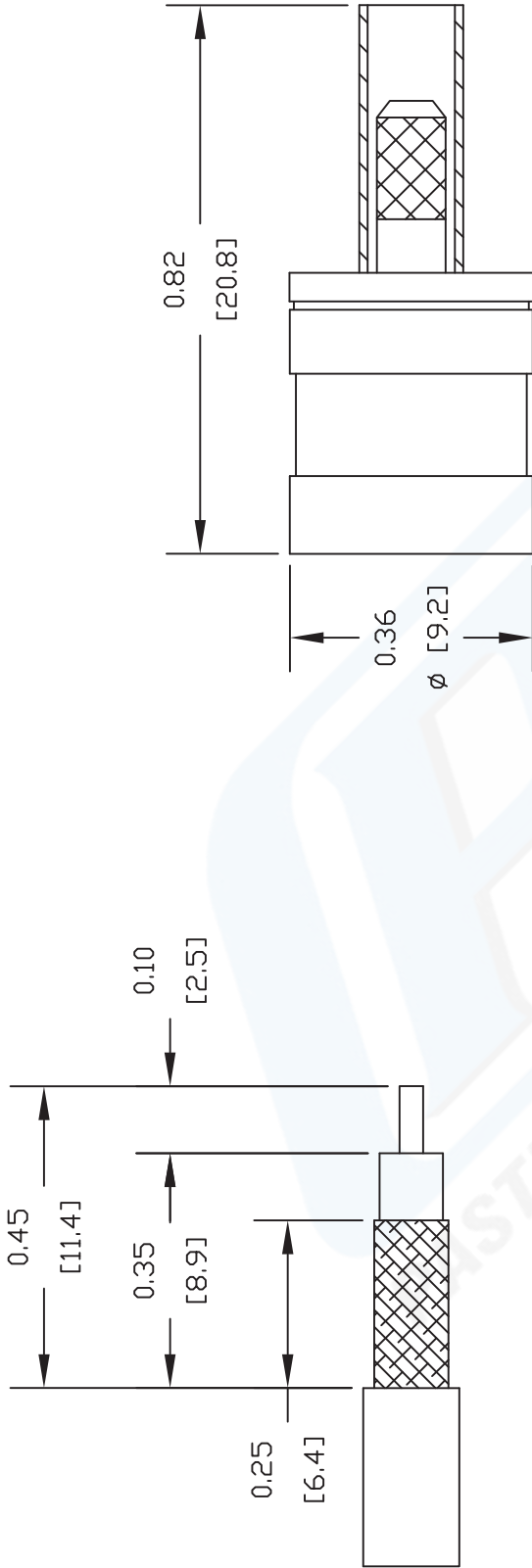
75 Ohm SMB Plug Connector Crimp/Solder Attachment For RG179, RG187 from Pasternack Enterprises has same day shipment for domestic and International orders. We maintain 99% availability of the industry's broadest selection of RF, microwave and fiber optic products.

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.



PE4248 CAD Drawing

75 Ohm SMB Plug Connector Crimp/Solder Attachment For RG179, RG187



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER
 FERRULE: .128" HEX CRIMP TOOL

DWG TITLE

PE4248

- 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.

REV. -

FSCM NO. 53919

CAD FILE 042309

SCALE N/A

SIZE A

147



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