



RP BNC Female Connector Crimp/Solder Attachment For RG174, RG316, RG188

TECHNICAL DATA SHEET

PE4742

**RP BNC Female Connector Crimp/Solder Attachment For RG174, RG316, RG188**

**Configuration**

Connector	BNC Female Reverse Polarity
Connector Specification	MIL-C-39012
Connector Interface Type	RG174, RG316, RG188
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

**Electrical Specifications**

Impedance, Ohms	50
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**Mechanical Specifications**

**Size**

Length, in [mm]	1.28 [32.51]
Width/Dia., in [mm]	0.45 [11.43]
Weight, lbs [g]	0.02 [9.07]

**Connector**

Type	BNC Female Reverse Polarity
Contact Material and Plating	Brass, Gold
Contact Plating Specification	3µ-5µ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	70µ in. minimum
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
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RP BNC Female Connector Crimp/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: [RP BNC Female Connector Crimp/Solder Attachment For RG174, RG316, RG188 PE4742](http://www.pasternack.com/bnc-female-reverse-polarity-rg174-rg316-rg188-connector-pe4742-p.aspx)

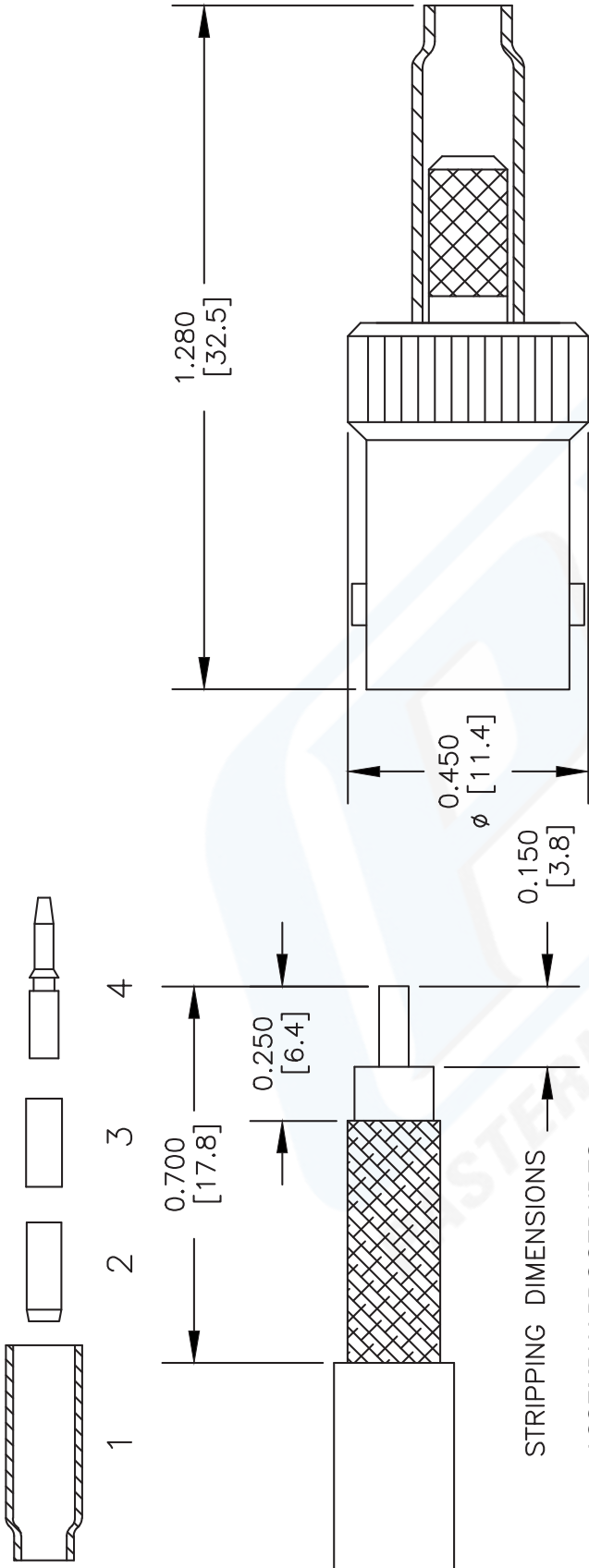
URL: <http://www.pasternack.com/bnc-female-reverse-polarity-rg174-rg316-rg188-connector-pe4742-p.aspx>

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.



# PE4742 CAD Drawing

RP BNC Female Connector Crimp/Solder Attachment For RG174, RG316, RG188



### ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE (1) ONTO CABLE.
2. FLARE END OF CABLE BRAID & SLIDE METAL SPACER (2) & PTFE (3) SPACER OVER CABLE DIELECTRIC.
3. THE CONTACT (4) SHOULD BUTT AGAINST THE DIELECTRIC & PTFE SPACER. CRIMP CONTACT TO CABLE CENTER CONDUCTOR.
4. INSTALL CABLE ASSEMBLY INTO BODY SO THAT THE INNER FERRULE PORTION OF BODY SLIDES UNDER BRAID. PUSH CABLE ASSEMBLY FORWARD UNTIL CONTACT SNAPS INTO PLACE. SLIDE FERRULE OVER BRAID AND UP AGAINST CONNECTOR BODY & CRIMP.

### CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL  
 FERRULE: .178" HEX CRIMP TOOL

DWG TITLE

**PE4742**

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

CAD FILE 060502

SCALE N/A

SIZE A

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**PASTERNAK®**  
 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