

RP TNC Female Bulkhead Connector Crimp/Solder  
Attachment For RG316, RG174, RG188, .480 inch D Hole



TECHNICAL DATA SHEET

PE4700

**RP TNC Female Bulkhead Connector Crimp/Solder Attachment For RG316, RG174, RG188, .480 inch D Hole**

**Configuration**

Connector	TNC Female Reverse Polarity
Connector Interface Type	RG316, RG174, RG188
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight
Mount Method	Bulkhead

**Electrical Specifications**

Frequency Range, GHz	DC to 3
Impedance, Ohms	50
Maximum VSWR	1.3:1
Maximum Operating Voltage, Volts	500
Dielectric Withstanding Voltage, Vrms	1,500

**Mechanical Specifications**

**Temperature**

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

**Size**

Length, in [mm]	1.422 [36.12]
Width/Dia., in [mm]	0.689 [18]
Weight, lbs [g]	0.048 [21.77]

**Connector**

Type	TNC Female Reverse Polarity
Contact Material and Plating	Brass, 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](http://www.Pasternack.com) for current document)

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

**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
--------	----------------------------

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP TNC Female Bulkhead Connector Crimp/Solder Attachment For RG316, RG174, RG188, .480 inch D Hole PE4700](#)

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.



RP TNC Female Bulkhead Connector Crimp/Solder  
Attachment For RG316, RG174, RG188, .480 inch D Hole

TECHNICAL DATA SHEET

PE4700

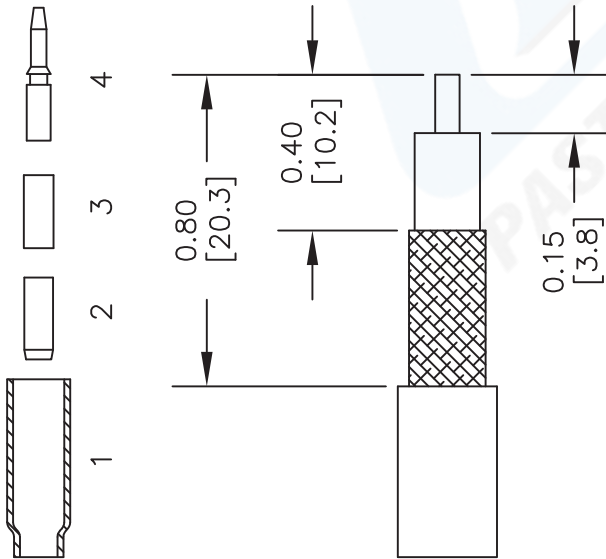
URL: <http://www.pasternack.com/tnc-female-reverse-polarity-rg316-rg174-rg188-connector-pe4700-p.aspx>

RP TNC Female Bulkhead Connector Crimp/Solder Attachment For RG316, RG174, RG188, .480 inch D Hole 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.

# PE4700 CAD Drawing

RP TNC Female Bulkhead Connector Crimp/Solder Attachment  
For RG316, RG174, RG188, .480 inch D Hole



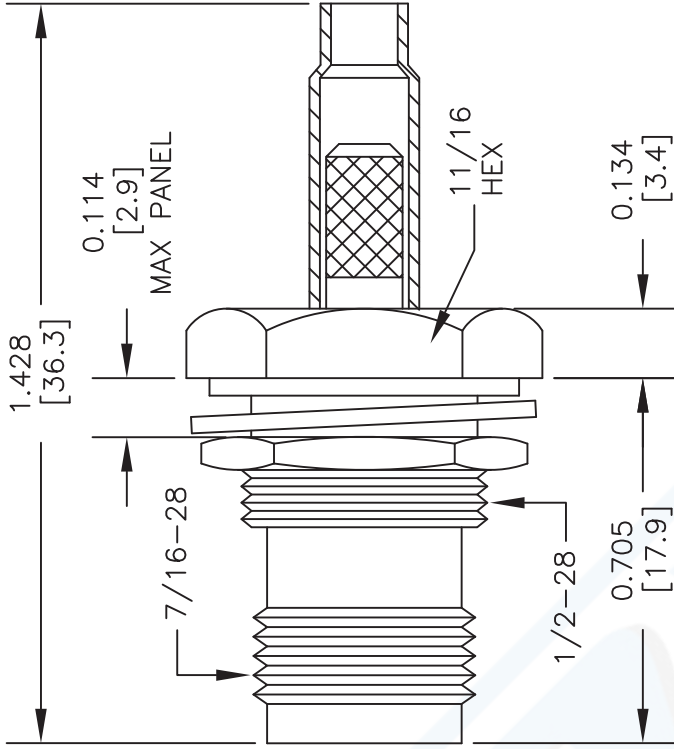
## STRIPPING DIMENSIONS

### 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 IS IN THE RIGHT PLACE. SLIDE FERRULE OVER BRAID AND UP AGAINST CONNECTOR BODY & CRIMP.

### CRIMP SIZE REQUIRED

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



MOUNTING HOLE

DWG TITLE

**PE4700**

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.

**PE 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

FSCM NO. 53919

CAD FILE 082712

SCALE N/A

SIZE A

2233