75 Ohm BNC Female Connector Clamp/ Solder Attachment for RG179, RG187

RF Connectors Technical Data Sheet   PE4615

Configuration
- BNC Female Connector
- 75 Ohms
- Straight Body Geometry
- RG179, RG187 Interface Type
- Clamp/Solder Attachment

Features
- Silver Plated Contact
- Contact plating according to ASTM-B700

Applications
- General Purpose Test
- Custom Cable Assemblies
- CATV

Description

Pasternack's PE4615 75 ohm BNC female connector with clamp/solder attachment for RG179 and RG187 is part of our full line of RF components available for same-day shipping.

Our 75 ohm BNC female connector PE4615 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Mechanical Specifications

Size

Length	1.13 in [28.7 mm]
Width/Dia.	0.57 in [14.48 mm]
Weight	0.041 lbs [18.6 g]

Material Specifications

Description	Material	Plating
Contact		Silver ASTM-B700
Body	Brass	Nickel ASTM-B689

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm BNC Female Connector Clamp/Solder Attachment for RG179, RG187 PE4615

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Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data
    Notes:

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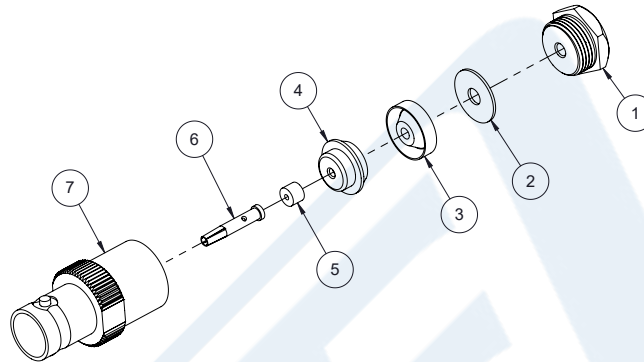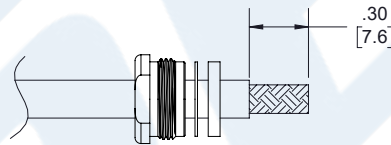
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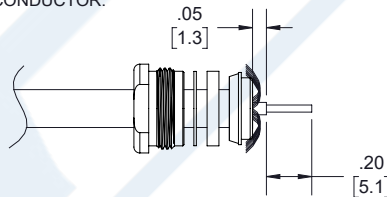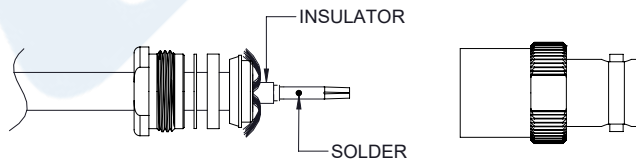
Assembly Instruction

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

.30
[7.6]

2.   SLIDE BRAID CLAMP ④ OVER BRAID & SEAT AGAINST CABLE. FORM BRAID OVER CLAMP NUT. TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR.

.05
[1.3]

.20
[5.1]

3.   SLIDE INSULATOR ⑤ AGAINST THE BRAID CLAMP. SOLDER CONTACT ⑥ TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY ⑦ & TIGHTEN.

INSULATOR

SOLDER

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75 Ohm BNC Female Connector Clamp/Solder Attachment for RG179, RG187 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.
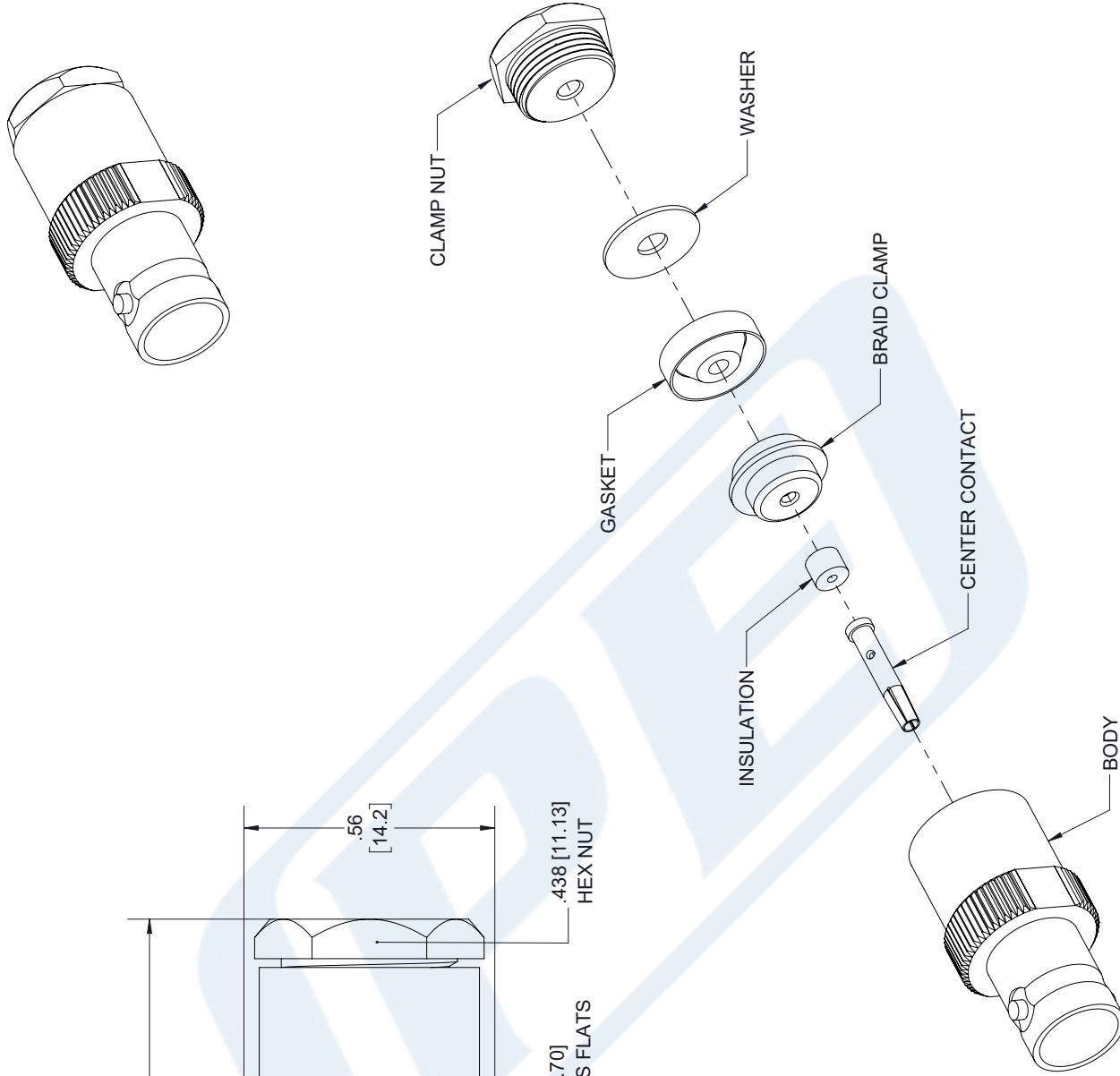
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URL: https://www.pasternack.com/bnc-female-standard-rg179-rg187-connector-pe4615-p.aspx

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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE4615 CAD Drawing
75 Ohm BNC Female Connector Clamp/Solder Attachment for RG179, RG187

CLAMP NUT

WASHER

GASKET

BRAID CLAMP

INSULATION

CENTER CONTACT

BODY

.56 [14.2]

.438 [11.13] HEX NUT

.500 [12.70] ACROSS FLATS

(.113 [2.87])

.135 [3.43]

STANDARD TOLERANCES
.X   ± 0.2
.XX   ± 0.01
.XXX ± 0.005

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

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].

SIZE A	7361
SCALE N/A	
CAD FILE 120617	

DWG TITLE

PE4615

CAGE CODE **53919**

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