



7/16 DIN Male Right Angle Connector Clamp/Non-Solder Contact Attachment for 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC

TECHNICAL DATA SHEET

PE44569

Configuration

Connector	7/16 DIN Male
Connector Interface Type	1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC
Attachment Method (Shield/Contact)	Clamp/Non-Solder Contact
Body Style	Right Angle

Electrical Specifications

Frequency Range	DC to 3 GHz
Impedance	50 Ohms
Maximum Return Loss	28 dB
Maximum Operating Voltage	2,700 Volts

Frequency 1

Frequency	DC to 2 GHz
Insertion Loss	0.05 dB
Power Handling	400 Watts

Mechanical Specifications

Temperature

Operating Range	-40 to +85 deg C
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Size

Length	2.853 in [72.47 mm]
Width/Dia.	1.26 in [32.00 mm]
Height	1.808 in [45.92 mm]
Weight	0.54 lbs [244.94 g]

Connector

Type	7/16 DIN Male
Contact Material and Plating	Beryllium Copper, Silver
Contact Plating Specification	5µ in. minimum
Coupling Nut Material and Plating	Brass, Tri-Metal
Coupling Nut Plating Specification	2µ in. minimum
Hex Size	32 mm
Torque	18.417 ft-lbs [24.97 Nm]
Body Material and Plating	Brass, Tri-Metal
Body Plating Specification	2µ in. minimum
Dielectric Type	Teflon

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

RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male Right Angle Connector Clamp/Non-Solder Contact Attachment for 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC PE44569](#)



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Plotted and Other Data

Notes:

- Values at +25 °C, sea level

7/16 DIN Male Right Angle Connector Clamp/Non-Solder Contact Attachment for 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

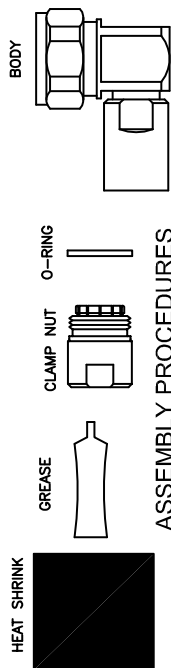
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male Right Angle Connector Clamp/Non-Solder Contact Attachment for 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC PE44569](http://www.pasternack.com/7-16-male-standard-1-2-inch-annular-connector-pe44569-p.aspx)

URL: <http://www.pasternack.com/7-16-male-standard-1-2-inch-annular-connector-pe44569-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.

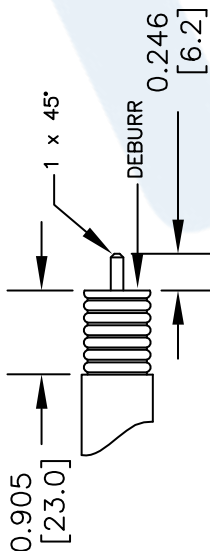
PE44569 CAD Drawing

7/16 DIN Male Right Angle Connector Clamp/Non-Solder Contact Attachment for 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC



ASSEMBLY PROCEDURES

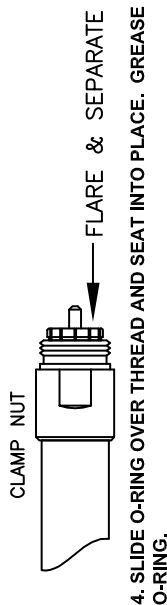
1. STRIP CABLE AS SHOWN, CHAMFER CENTER CONDUCTOR & DEBURR CABLE. SLIDE HEAT SHRINK OVER CABLE.



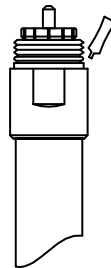
2. GREASE O-RING INSIDE OF CLAMP NUT. INSTALL CLAMP NUT ONTO CABLE.



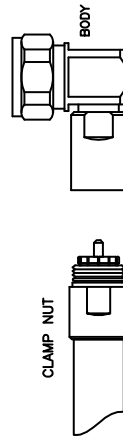
3. FLARE THE OUTER CONDUCTOR, SEPARATING THE OUTER CONDUCTOR FROM THE INSULATOR.



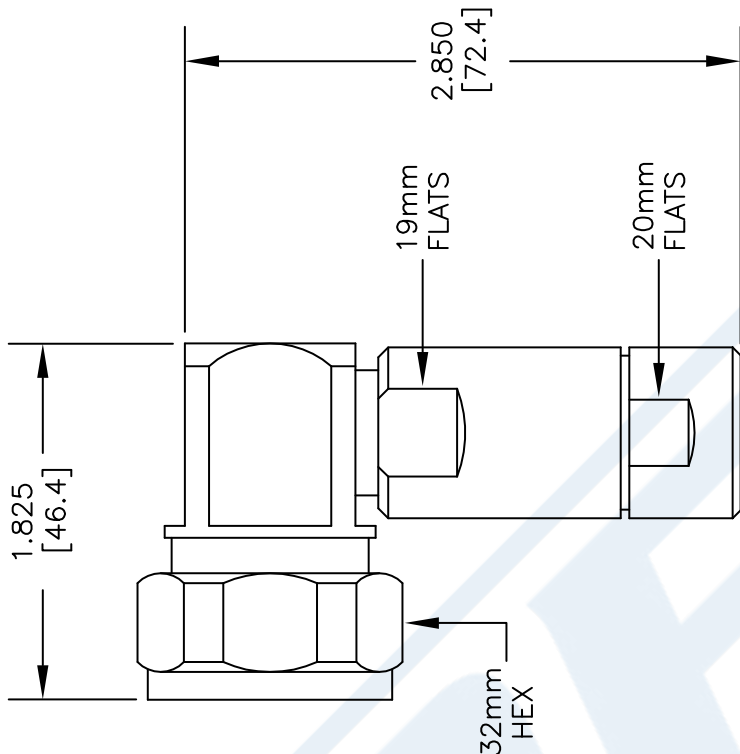
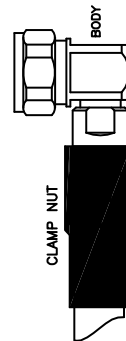
4. SLIDE O-RING OVER THREAD AND SEAT INTO PLACE. GREASE O-RING.



5. HOLD CLAMP NUT STEADY & SCREW BODY TIGHTLY ONTO CABLE.



6. HEAT THE SHRINK TUBING UNTIL IT MOLDS OVER THE CABLE, AS SHOWN BELOW.



DWG TITLE

PE44569

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 101514

SCALE N/A

SIZE A

150



PASTERNAK
THE ENGINEER'S RF SOURCE

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