



7/16 DIN Male Connector Clamp/Solder Attachment
For 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC

TECHNICAL DATA SHEET

PE44567

7/16 DIN Male Connector Clamp/Solder Attachment For 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC

Configuration

Connector	7/16 DIN Male
Connector Specification	IEC60169-4
Connector Interface Type	1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

Electrical Specifications

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

Frequency 1

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

Mechanical Specifications

Temperature

Operating Range, deg C	-40 to +85
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Size

Length, in [mm]	2.41 [61.21]
Width/Dia., in [mm]	1.26 [32.00]
Weight, lbs [g]	0.026 [11.79]

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, mm	32
Torque, ft-lbs [Nm]	18.417 [24.97]
Body Material and Plating	Brass, Tri-Metal
Body Plating Specification	2µ in. minimum
Dielectric Type	TPX

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

RoHS Compliant	Yes
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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 Connector Clamp/Solder Attachment For 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC PE44567](#)

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.



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Plotted and Other Data

Notes:

Values at 25 °C, sea level

7/16 DIN Male Connector Clamp/Solder 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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

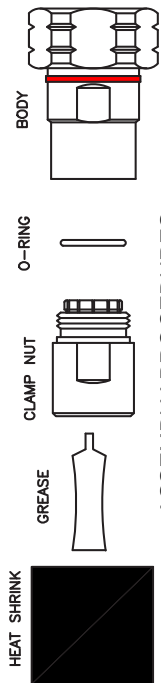
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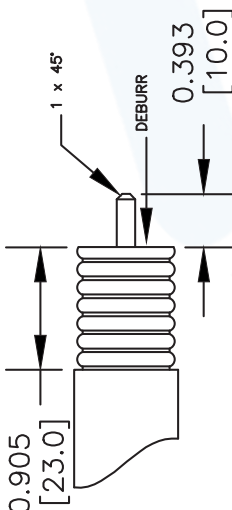
PE44567 CAD Drawing

7/16 DIN Male Connector Clamp/Solder Attachment For
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ASSEMBLY PROCEDURES

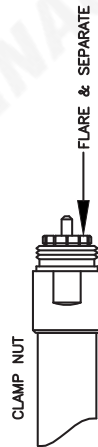
1. STRIP CABLE AS SHOWN, CHAMFER CENTER CONDUCTOR & DEBURR CABLE. SLIDE HEAT SHRINK OVER CABLE.



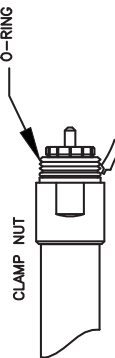
2. GREASE O-RING INSIDE OF CLAMP NUT. INSTALL CLAMP NUT ONTO CABLE.



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



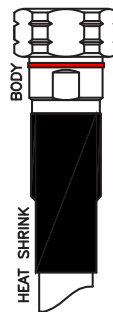
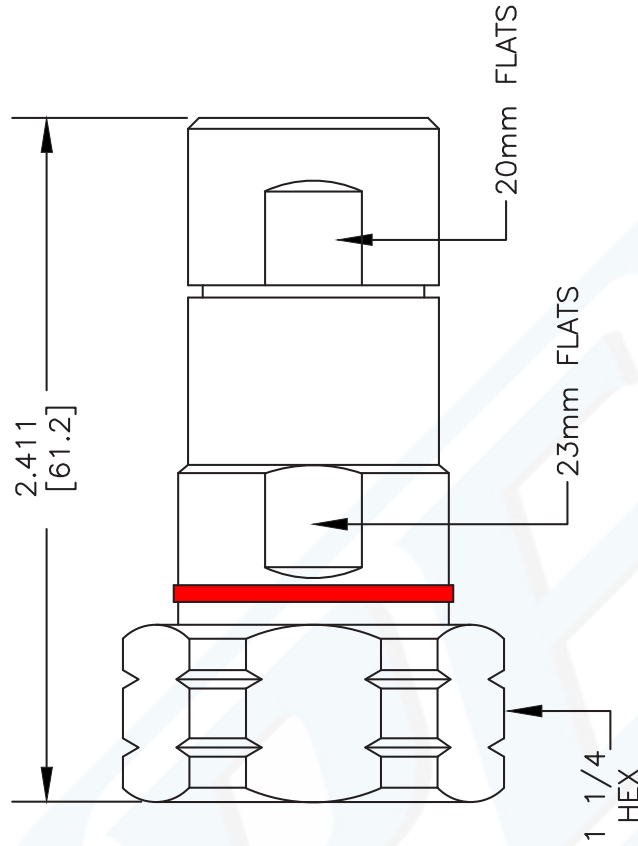
4. SLIDE O-RING OVER THREAD AND SEAT INTO PLACE. GREASE O-RING.



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



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



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DWG TITLE

PE44567

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

SCALE N/A

SIZE A

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