



7/16 DIN Male Connector Clamp/Solder Attachment for 7/8 inch Annular

RF Connectors Technical Data Sheet

PE44568

Configuration

- 7/16 DIN Male Connector
- 50 Ohms
- Straight Body Geometry
- 7/8 inch Annular Interface Type
- Clamp/Solder Attachment
- 1 1/4 inch Hex

Features

- Max. Operating Frequency 7.5 GHz
- Good VSWR of 1.3:1
- Silver Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44568 7/16 DIN male connector clamp/solder attachment for 7/8 inch Annular is part of our full line of RF components available for same-day shipping. Our 7/16 DIN male connector operates up to a maximum frequency of 7.5 GHz and offers good VSWR of 1.3:1.

Our 7/16 DIN male connector PE44568 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 connector assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		7.5	GHz
VSWR			1.3:1	
Operating Voltage (AC)			2,700	Vrms
Dielectric Withstanding Voltage (AC)			4,000	Vrms

Mechanical Specifications

Size	
Length	2.554 in [64.87 mm]
Width/Dia.	1.36 in [34.54 mm]
Weight	0.487 lbs [220.9 g]
Mating Torque	221 to 265 in-lbs [24.97 to 29.95 Nm]

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 7/8 inch Annular PE44568](#)



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Material Specifications

Description	Material	Plating
Contact	Brass	Silver
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

7/16 DIN Male Connector Clamp/Solder Attachment for 7/8 inch Annular 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.

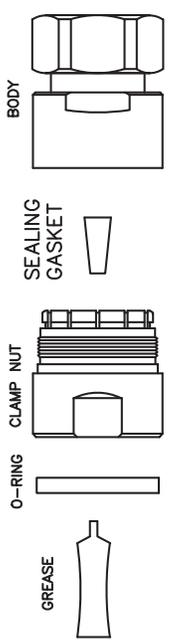
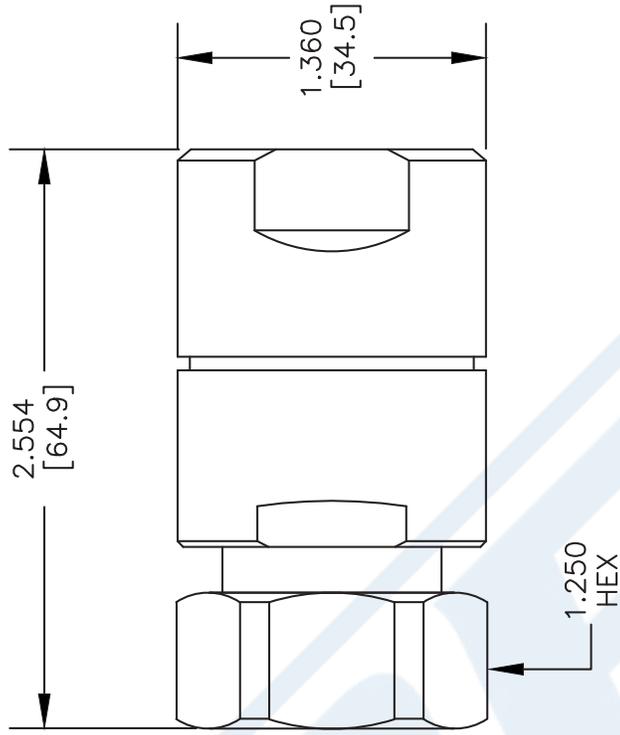
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URL: <https://www.pasternack.com/7-16-male-standard-7-8-inch-annular-connector-pe44568-p.aspx>

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.

PE44568 CAD Drawing

7/16 DIN Male Connector Clamp/Solder Attachment for 7/8 inch Annular



ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN.
2. INSTALL CLAMP NUT ONTO CABLE. FLAIR OUT INNER & OUTER CONDUCTOR. DEBURR INNER & OUTER CONDUCTOR. SLIDE GREASED SEALING GASKET INTO CENTER CONDUCTOR.
3. SLIDE O-RING OVER THREAD AND SEAT INTO PLACE. GREASE O-RING.
4. HOLD CLAMP NUT STEADY & SCREW INTO BODY. INJECT GREASE INTO HOLE OF CLAMP NUT. THEN TIGHTEN.

DWG TITLE
PE44568

FSCM NO. 53919

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.

CAD FILE 090808-A SCALE N/A

SIZE A

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