



7/16 DIN Female Bulkhead Connector Crimp/Non-Solder
Attachment For PE-C400, 0.400 inch, 1.161 inch DD Hole

RF Connectors
Technical Data Sheet

PE44550

Configuration

- 7/16 DIN Female Connector
- IEC 61169-4
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: .400 inch, LMR-400, LMR-400-DB, LMR-400-UF, PE-B405, PE-C400, PE-B400
- Bulkhead

Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.15:1
- Silver Plated Spring Copper Contact
- 5 µm minimum contact plating

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Pasternack's PE44550 , 7/16 DIN, Standard, Connector is part of our full line of RF components available for same-day shipping. Our 7/16 DIN female connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.15:1. This 7/16 DIN bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our 7/16 DIN female bulkhead connector PE44550 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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.15:1	
Insertion Loss			0.1	dB
Operating Voltage (DC)			2,700	Vdc
Dielectric Withstanding Voltage (DC)			4,000	Vdc
Inner Conductor DC Resistance			0.8	mOhms
Outer Conductor DC Resistance			0.2	mOhms
Insulation Resistance	10,000			MOhms

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 Female Bulkhead Connector Crimp/Non-Solder Attachment For PE-C400, 0.400 inch, 1.161 inch DD Hole PE44550](#)



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Mechanical Specifications

Size

Length	1.9 in [48.26 mm]
Width/Dia.	1.54 in [39.12 mm]
Height	0 in [0 mm]
Weight	0.303 lbs [137.44 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Spring Copper	Silver 5 µm minimum
Insulation	PTFE	
Body	Brass	Tri-Metal 2 µm minimum

Environmental Specifications

Temperature

Operating Range	-40 to +85 deg C
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6-Fc
Thermal Shock	IEC 60068-2-14-Na

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

Plotted and Other Data

Notes:

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7/16 DIN Female Bulkhead Connector Crimp/Non-Solder Attachment For PE-C400, 0.400 inch, 1.161 inch DD Hole 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.

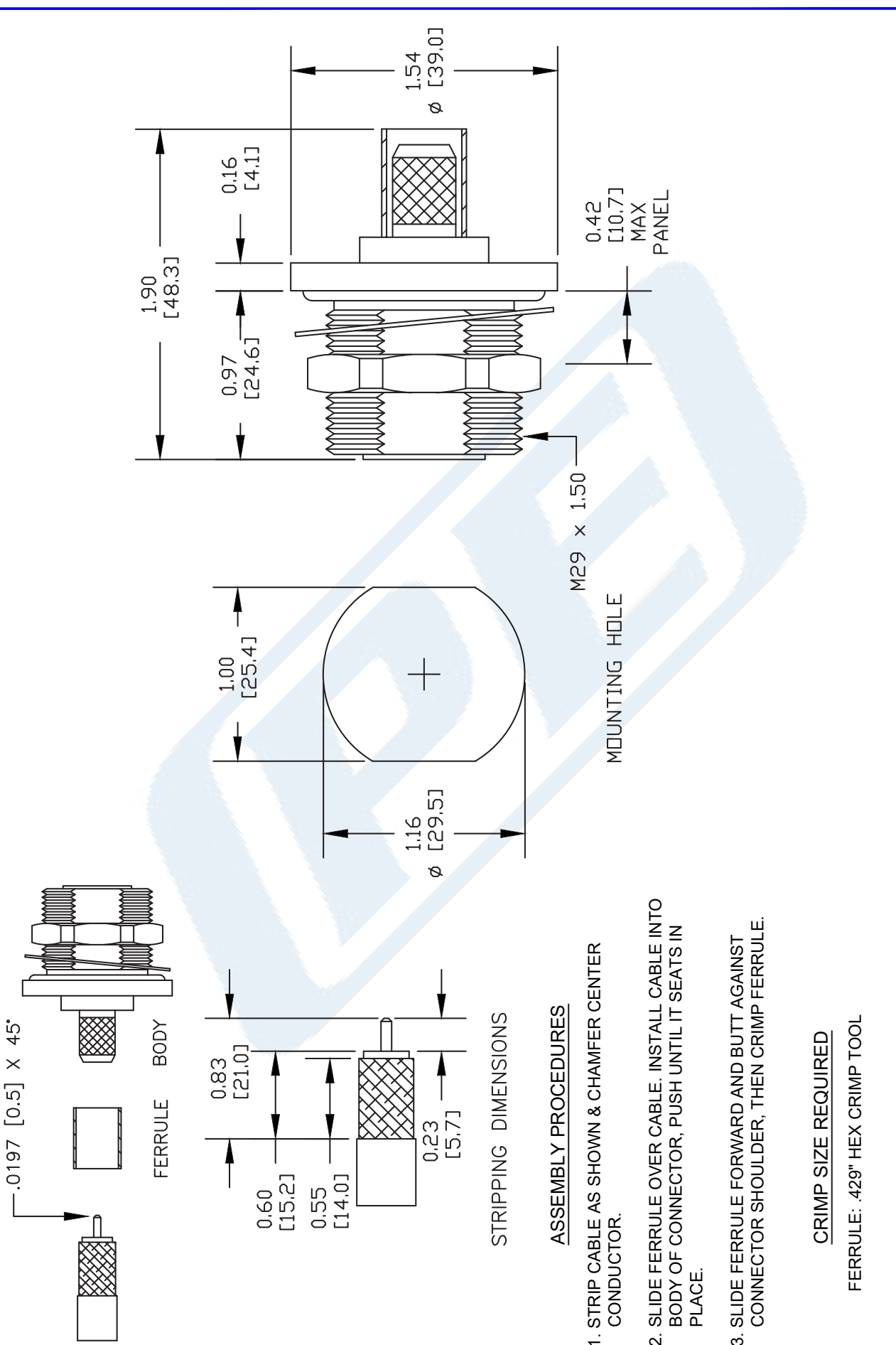
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Female Bulkhead Connector Crimp/Non-Solder Attachment For PE-C400, 0.400 inch, 1.161 inch DD Hole PE44550](https://www.pasternack.com/7-16-female-standard-pe-c400-0.400-connector-pe44550-p.aspx)


URL: <https://www.pasternack.com/7-16-female-standard-pe-c400-0.400-connector-pe44550-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.

PE44550 CAD Drawing

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<div><div><div><div>PASTERNACK®</div><div>Pastermack Enterprises, Inc.</div><div>P.O. Box 16759 Irvine CA 92623</div><div>Phone: (949) 261-1920 Fax: (949) 261-7451</div><div>Website: www.pastermack.com E-Mail: sales@pastermack.com</div></div></div></div>										DWG TITLE									
REV. C		FSCM NO. 53919		CAD FILE 081911		SCALE N/A		SIZE A		2231									
PE44550																			
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.																			



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