



7/16 DIN Female Low PIM Connector Solder Attachment 4 Hole Flange Mount Stub Terminal, .120 inch Diameter

RF Connectors Technical Data Sheet

PE45000

Configuration

- 7/16 DIN Female Connector
- 50 Ohms
- Straight Body Geometry
- Stub Interface Type
- Solder Attachment
- 4 Hole Flange
- Low PIM Design

Features

- Max. Operating Frequency 7.5 GHz
- Excellent VSWR of 1.15:1
- PIM levels lower than -163 dBc
- Silver Plated Brass Contact

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Wireless Communications
- Low PIM Applications

Description

Pasternack's PE45000 7/16 DIN female 4 hole flange mount low PIM connector with solder attachment stub terminal 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 7.5 GHz and offers excellent VSWR of 1.15:1. The 7/16 DIN female connector also has low passive intermodulation of -163 dBc. This 7/16 DIN 4 hole flange 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 4 hole flange connector PE45000 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		7.5	GHz
VSWR			1.15:1	
Passive Intermodulation using 2x20W tones			-163	dBc

Mechanical Specifications

Size

Length	1.66 in [42.16 mm]
Width/Dia.	1.14 in [28.96 mm]
Weight	0.177 lbs [80.29 g]

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 Low PIM Connector Solder Attachment 4 Hole Flange Mount Stub Terminal, .120 inch Diameter PE45000](#)



7/16 DIN Female Low PIM Connector Solder Attachment
4 Hole Flange Mount Stub Terminal, .120 inch Diameter

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Material Specifications

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

Environmental Specifications

Temperature

Operating Range -45 to +120 deg C

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

Plotted and Other Data

Notes:

7/16 DIN Female Low PIM Connector Solder Attachment 4 Hole Flange Mount Stub Terminal, .120 inch Diameter 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.

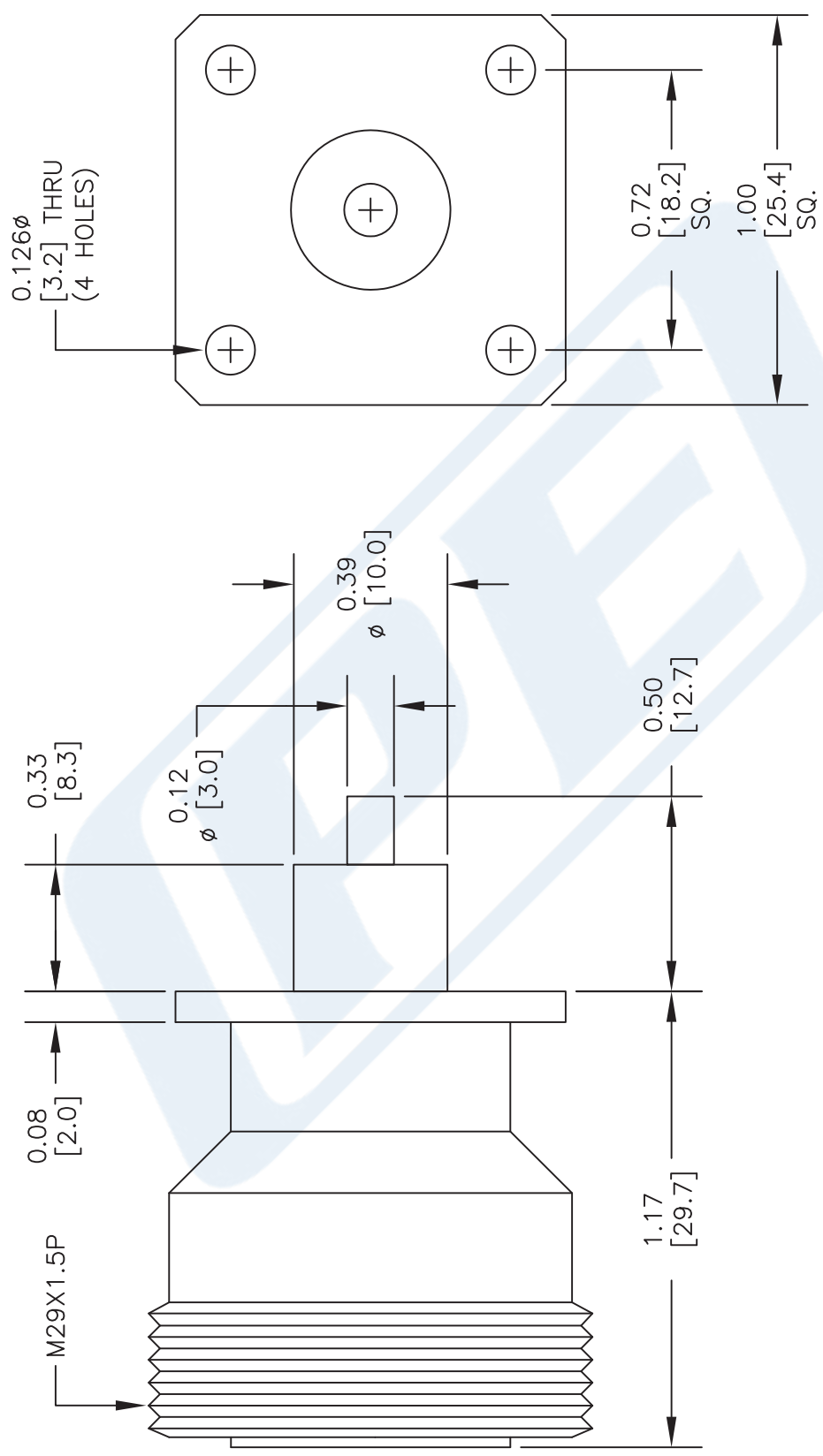
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Female Low PIM Connector Solder Attachment 4 Hole Flange Mount Stub Terminal, .120 inch Diameter PE45000](#)

URL: <https://www.pasternack.com/7-16-female-standard-connector-pe45000-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.

PE45000 CAD Drawing

7/16 DIN Female Low PIM Connector Solder Attachment 4 Hole
Flange Mount Stub Terminal, .120 inch Diameter



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].

DWG TITLE
PE45000

FSCM NO. 53919

SIZE A

SCALE N/A

CAD FILE 022514

2233

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