PASTERNACK®
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Precision 7/16 DIN Female to 7/16 DIN Female Bulkhead Adapter Low PIM, Low VSWR

PE91038

7/16 DIN Female to 7/16 DIN Female Low PIM, Low VSWR Precision Adapters

- PIM levels <-165 dBc
- Low VSWR levels up to 8 GHz.
- Tri-metal Albaloy coating
  - durable surface with good corrosion protection
  - abrasion resistance
  - superior electrical contact properties.
- Available is various connector combinations
  - 7/16 DIN in-series
  - Type N in-series
  - 7/16 DIN to Type N and SMA in-between series
- 4-hole flange and bulkhead-mounted styles available
- Ideal choice for use in portable PIM testing

Configuration

Connector 1	7/16 DIN Female
Connector 2	7/16 DIN Female
Adapter Design	Precision
Body Style	Straight
Mount Method	Bulkhead

Electrical Specifications

Frequency Range (GHz)	DC to 8
Impedance (Ohms)	50
VSWR, Max	1.2:1
Dielectric Withstanding Voltage (Vrms)	3500
Passive Intermodulation ((<-) dBc @ 2 x 20 Watts)	-165

Frequency 1

Frequency (GHz)	DC to 1
VSWR	1.03:1
Return Loss (dB)	38

Frequency 2

Frequency (GHz)	1 to 5
VSWR	1.08:1
Return Loss (dB)	28

Frequency 3

Frequency (GHz)	5 to 8
VSWR	1.2:1
Return Loss (dB)	21

Click the following link for the additional product information:
Precision 7/16 DIN Female to 7/16 DIN Female Bulkhead Adapter Low PIM, Low VSWR PE91038

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Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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ISO 9001 : 2008 Registered

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Mechanical Specifications

Temperature Operating Range (deg C)	-40 to +125
Weight (lbs)	0.51
Length (inches)	1.99
Width/Dia. (inches)	1.142
Height (inches)	1.57
Dielectric Type	PTFE
Connector 1	**7/16 DIN Female**
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Silver, 5µm
Outer Conductor Material and Plating	Brass, Tri Metal – Albaloy, 2.54µm
Connector 2	**7/16 DIN Female**
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Silver, 5µm
Outer Conductor Material and Plating	Brass, Tri Metal – Albaloy, 2.54µm

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

RoHS Compliant	Yes, by exemption

Other Data

URL: http://www.pasternack.com/7-16-female-7-16-female-straight-adapter-pe91038-p.aspx

Precision 7/16 DIN Female to 7/16 DIN Female Bulkhead Adapter Low PIM, Low VSWR 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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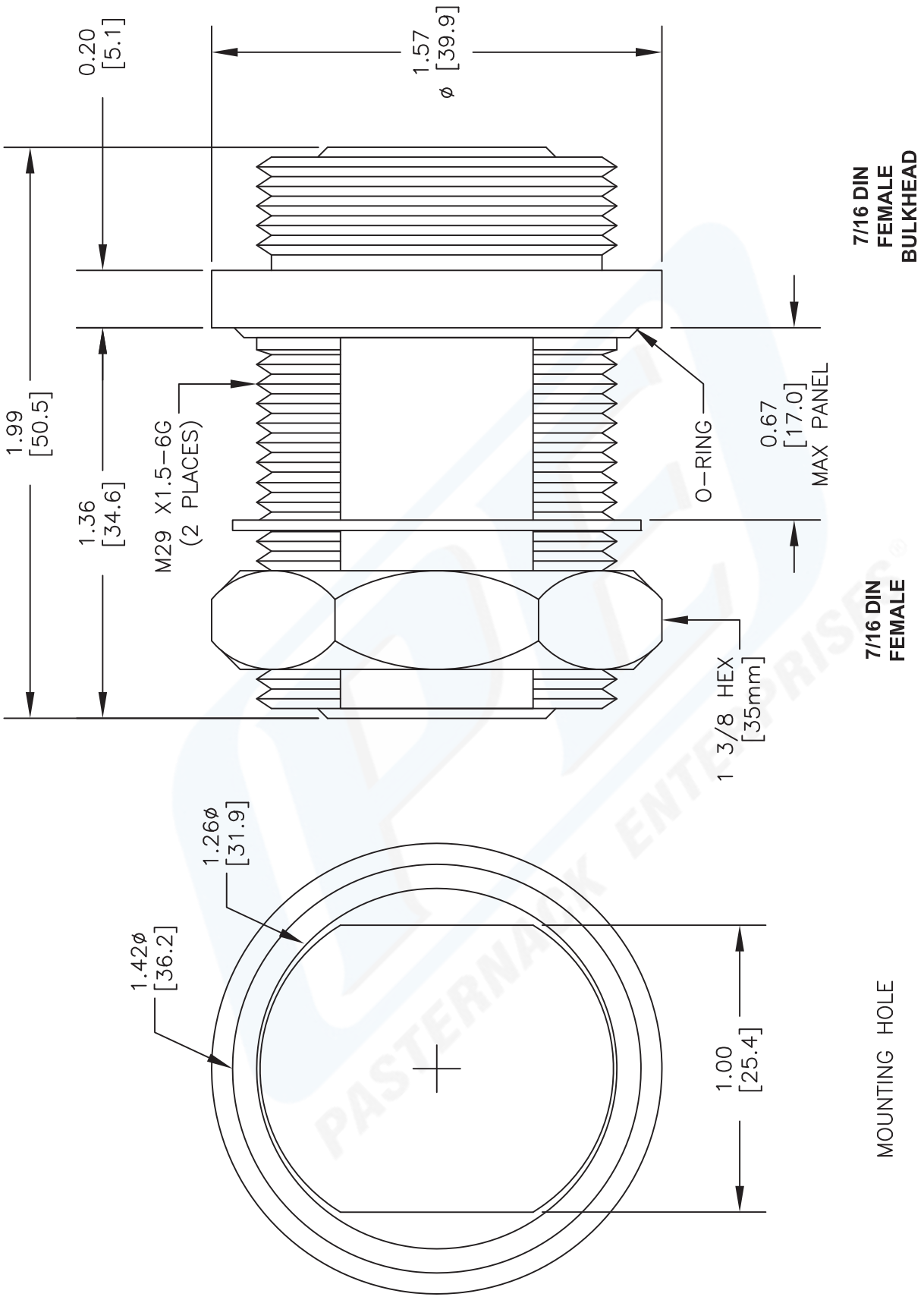
PE91038 CAD Drawing

Precision 7/16 DIN Female to 7/16 DIN Female Bulkhead Adapter Low PIM, Low VSWR



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 **PE91038**

REV. -	FSCM NO. 53919	CAD FILE 050312	SCALE N/A	SIZE A	2233

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