PASTERNACK®
THE ENGINEER'S RF SOURCE



Bulkhead 7/16 DIN Female to 4.1/9.5 Mini DIN Female Adapter IP67 UnMated

TECHNICAL DATA SHEET PE91247

Configuration

Connector 1	7/16 DIN Female
Impedance 1	50 Ohms
Connector 2	4.1/9.5 Mini DIN Female
Impedance 2	50 Ohms
Adapter Design	Standard
Body Style	Straight
Mount Method	Bulkhead

Electrical Specifications

Frequency Range	DC to 6 GHz
Maximum VSWR	1.3:1
Maximum Passive Intermodulation (2 x 20 Watts), dBc	-160

Frequency 1

Frequency, GHz	DC to 3
VSWR	1.15:1
Return Loss, dB	23.13

Frequency 2

Frequency, GHz	3 to 4
VSWR	1.2:1
Return Loss, dB	20.8

Mechanical Specifications

Size

Length, in [mm]	1.872 [47.55]

Connector 1

Type	7/16 DIN Female
Inner Conductor Material and Plating	Beryllium Copper, Silver
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

Connector 2

Type	4.1/9.5 Mini DIN Female
Inner Conductor Material and Plating	Beryllium Copper, Silver
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

Environmental Specifications

Temperature

Operating Range	-40 to +120 deg C
Ingress Protection	IP67 UnMated

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Bulkhead 7/16 DIN Female to 4.1/9.5 Mini DIN Female Adapter IP67 UnMated PE91247

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant
REACH Compliant 06/16/2014

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

Bulkhead 7/16 DIN Female to 4.1/9.5 Mini DIN Female Adapter IP67 UnMated 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: Bulkhead 7/16 DIN Female to 4.1/9.5 Mini DIN Female Adapter IP67 UnMated PE91247

URL: http://www.pasternack.com/7-16-female-4.1-9.5-mini-din-female-straight-adapter-pe91247-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.

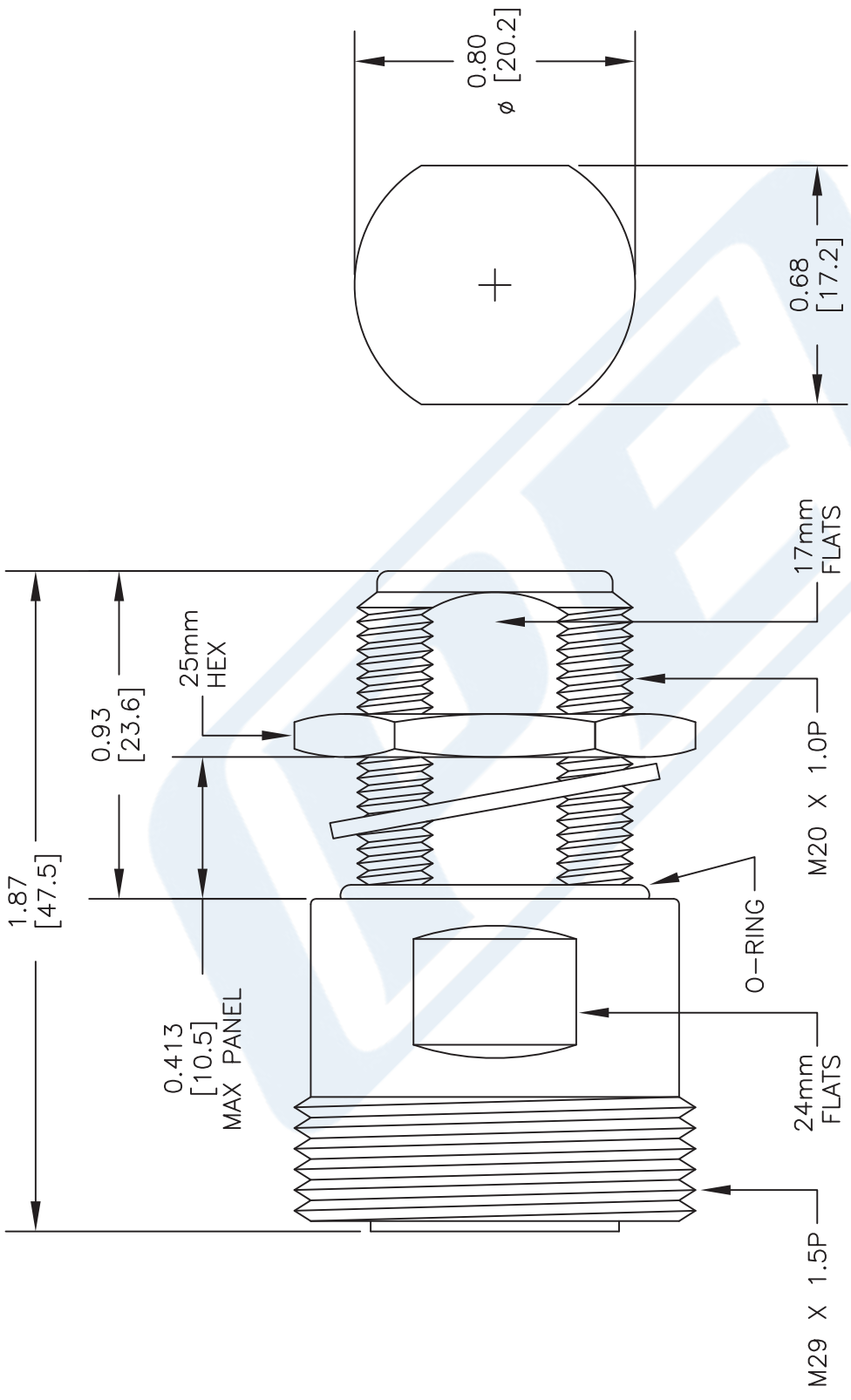
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PE91247 CAD Drawing

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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].

CAD FILE	SCALE	SIZE
061814	N/A	A

DWG TITLE **PE91247**

FSCM NO. 53919

2233

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