PASTERNACK®
THE ENGINEER'S RF SOURCE



175 Watts High Power WR-62 Waveguide Load 12.4 GHz to 18 GHz

Waveguide Terminations Technical Data Sheet PE6831

Features

- WR-62
- 12.4 to 18 GHz
- 1.10:1 Maximum VSWR
- 175 Watt Average Power Handling (CW)

Applications

- Instrumentation
- Precision Measurements
- Prototyping and Characterization
- Production Systems

Description

Pasternack's PE6831 is part of our line of waveguide terminations (or waveguide loads) which are in stock and available to ship same-day. Waveguide loads are designed to absorb virtually all applied power, ensuring a low VSWR. Our PE6831 offers excellent VSWR of 1.10:1 maximum. This WR-62 waveguide termination uses a square cover flange and offers CW power handling of up to 175 Watts.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	12.4		18	GHz
VSWR			1.1:1	
Input Power (CW)			175	Watts

Mechanical Specifications

Size

Length	4 in [101.6 mm]
Width/Dia.	2.5 in [63.5 mm]
Height	2.5 in [63.5 mm]
Weight	1.388 lbs [629.59 g]

Description	Flange	Waveguide
Designation	None	WR-62
Type	Square Cover	
Material		Aluminum
Finish	Blue Paint	Blue Paint

Environmental Specifications

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 175 Watts High Power WR-62 Waveguide Load 12.4 GHz to 18 GHz PE6831

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 (see product page for current document)

Plotted and Other Data

Notes:

175 Watts High Power WR-62 Waveguide Load 12.4 GHz to 18 GHz 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: 175 Watts High Power WR-62 Waveguide Load 12.4 GHz to 18 GHz PE6831

URL: https://www.pasternack.com/high-power-waveguide-termination-frequency-range-1240-1800-ghz-pe6831-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.

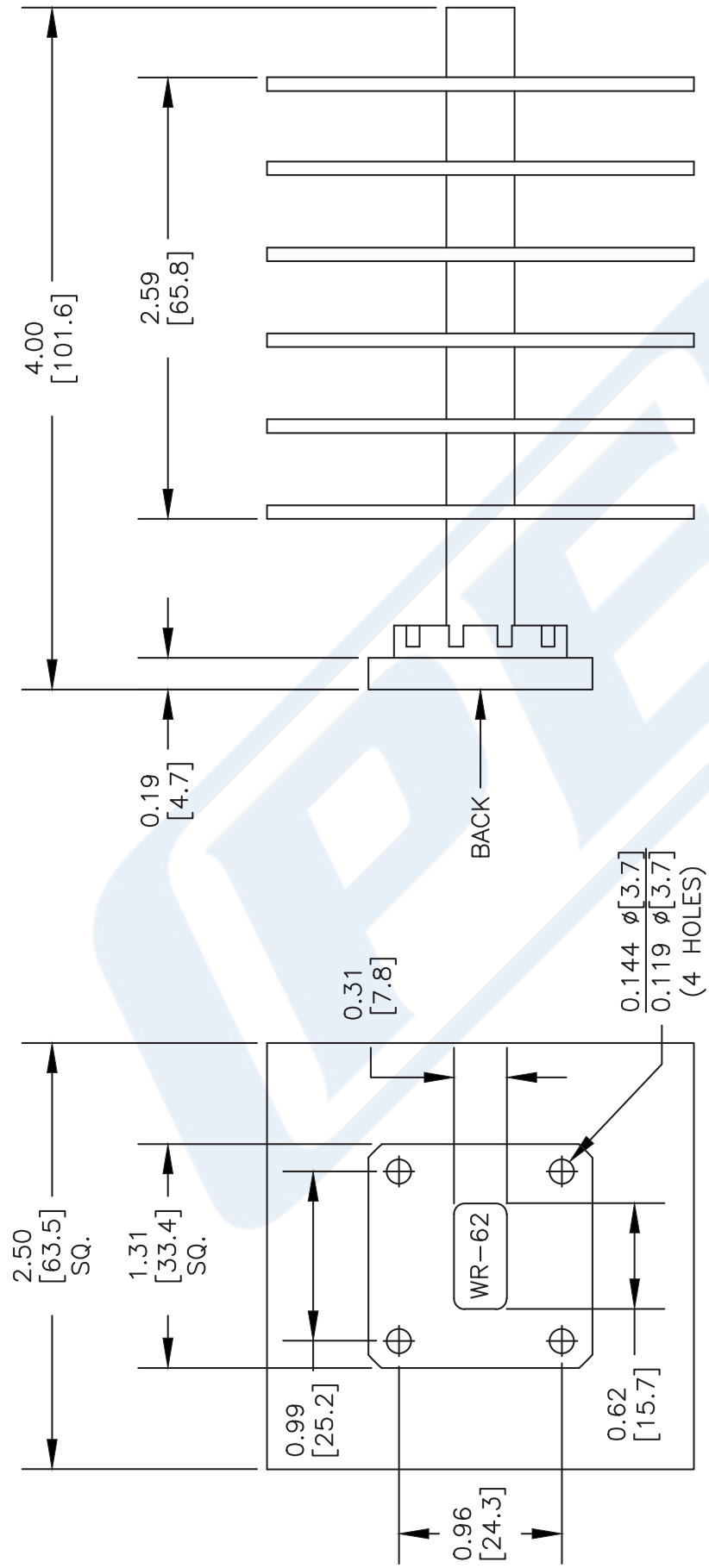
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PE6831 CAD Drawing

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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].

DWG TITLE **PE6831**

FSCM NO. 53919

CAD FILE 052804 | SCALE N/A | SIZE A | 127

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