



WR-229 Standard Gain Horn Antenna Operates From 3.3 GHz  
to 4.9 GHz With a Nominal 15 dB Gain WR-229 Input

## TECHNICAL DATA SHEET

PE9862-15

### WR-229 Standard Gain Horn Antenna Operates From 3.3 GHz to 4.9 GHz With a Nominal 15 dB Gain WR-229 Input

#### Configuration

|                      |                           |
|----------------------|---------------------------|
| Design               | WR-229 Standard Gain Horn |
| Frequency Range, GHz | 3.3 to 4.9                |
| Polarization         | Linear                    |
| Interface 1          | WR-229                    |

#### Electrical Specifications

|                  |    |
|------------------|----|
| Nominal Gain, dB | 15 |
|------------------|----|

#### Mechanical Specifications

##### Size

|                  |               |
|------------------|---------------|
| Length, in [mm]  | 10.4 [264.16] |
| Width, in [mm]   | 6 [152.4]     |
| Height, in [mm]  | 4.4 [111.76]  |
| Weight, lbs [Kg] | 2.8 [1.27]    |

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

#### Plotted and Other Data

|                           |                            |
|---------------------------|----------------------------|
| 2 Dimensional OML Drawing | PE9862-15                  |
| Notes:                    | Values at 25 °C, sea level |

WR-229 Standard Gain Horn Antenna Operates From 3.3 GHz to 4.9 GHz With a Nominal 15 dB Gain WR-229 Input 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-229 Standard Gain Horn Antenna Operates From 3.3 GHz to 4.9 GHz With a Nominal 15 dB Gain WR-229 Input PE9862-15](http://www.pasternack.com/standard-gain-horn-waveguide-size-wr229-pe9862-15-p.aspx)

URL: <http://www.pasternack.com/standard-gain-horn-waveguide-size-wr229-pe9862-15-p.aspx>

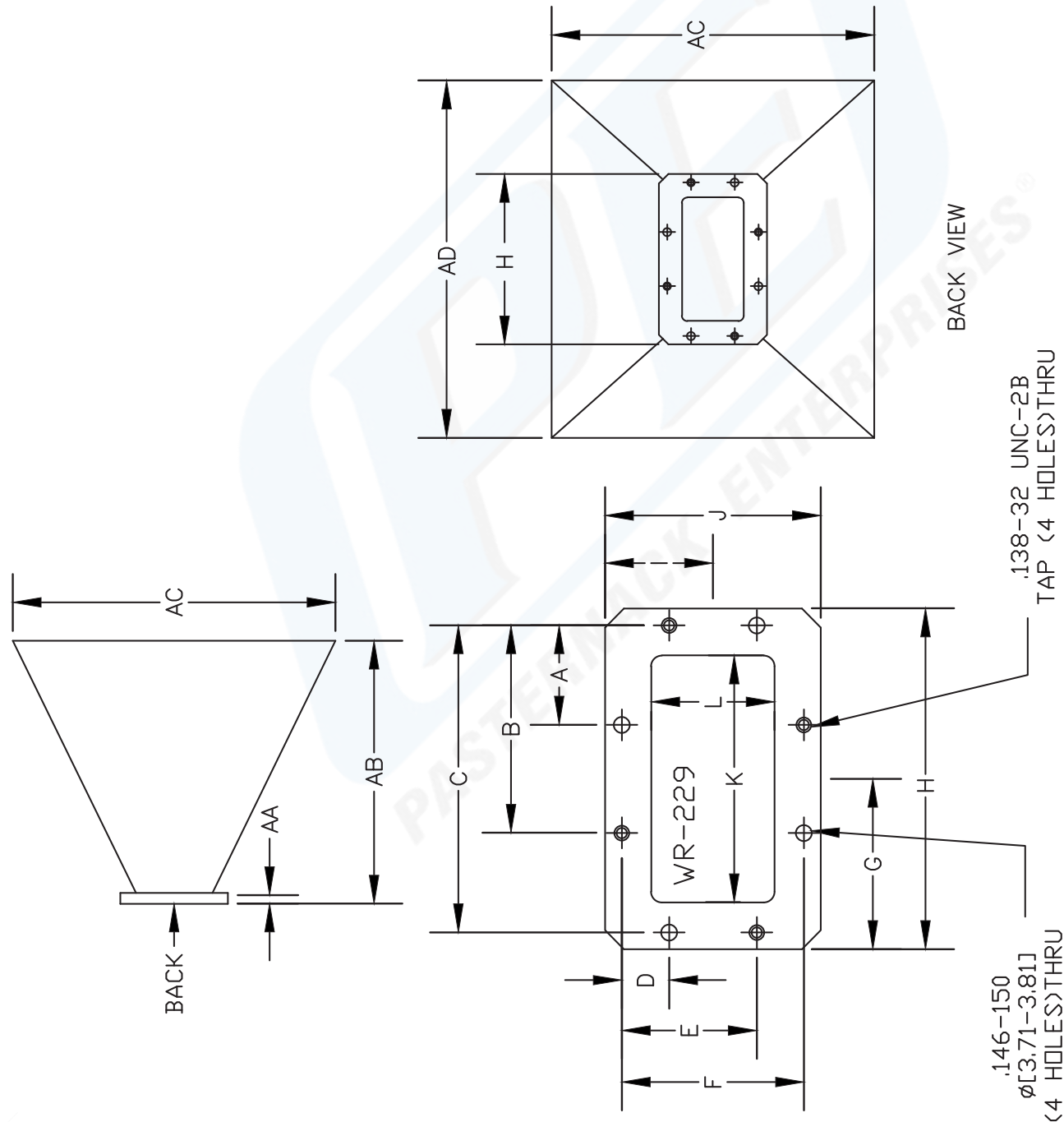
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

# PE9862-15 CAD Drawing

WR-229 Standard Gain Horn Antenna Operates From 3.3 GHz  
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| WR229             | Dimension | Inches | mm    |
|-------------------|-----------|--------|-------|
| A                 |           | 0.922  | 23.42 |
| B                 |           | 1.922  | 48.82 |
| C                 |           | 2.844  | 72.24 |
| D                 |           | 0.438  | 11.13 |
| E                 |           | 1.250  | 31.75 |
| F                 |           | 1.688  | 42.88 |
| G                 |           | 1.422  | 36.12 |
| H                 |           | 3.156  | 80.16 |
| I                 |           | 0.844  | 21.44 |
| J                 |           | 2.000  | 50.80 |
| K ( $\pm 0.004$ ) |           | 2.290  | 58.17 |
| L ( $\pm 0.004$ ) |           | 1.145  | 29.08 |

|    |        |        |
|----|--------|--------|
| AA | 0.250  | 6.35   |
| AB | 10.400 | 264.16 |
| AC | 4.400  | 111.76 |
| AD | 6.000  | 152.40 |



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

**PE9862-15**

REV. A

FSCM NO. 53919

CAD FILE 022513-A

SCALE N/A

SIZE A

127

**PE PASTERNAK®**

Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: www.pasternack.com | E-Mail: sales@pasternack.com