



## WR-12 Waveguide Bulkhead Adapter UG-387/U Round Cover Flange, 60 GHz to 90 GHz

### Waveguide Bulkhead Adapters Technical Data

PEWAD5001

#### Features

- Bulkhead adapter for WR-12
- Mounted to the panel with screws
- Gold Plated Finish
- Precision manufactured
- Flanges grooved to receive gaskets

#### Applications

- Test Instrumentation
- Military and Space
- Communications Systems
- Sub-Assemblies
- R&D labs

#### Description

The Pasternack series of rectangular waveguide bulkhead flange mount adapters are offered to cover frequency range of 18 to 110 GHz in seven waveguide bands. The transitions are used for waveguide interface in panel mount equipment. A hole is made in the panel and the adapter is mounted to the panel with screws. Once mounted, waveguides with UG-387/U flanges can be attached to the adapter on both sides of the bulkhead adapter to allow a signal path through the panel. The PEWAD5001 is a bulkhead adapter for WR-12 waveguides with UG-387/U flanges.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	60		90	GHz

#### Mechanical Specifications

Weight 0.127 lbs [57.61 g]

Description	Flange 1	Waveguide	Flange 2
Type	Round Cover	WR-12	Round Cover
Designation	UG-387/U		UG-387/U
Material	Brass	Brass	Brass
Plating	Gold	Gold	Gold
Plating Specification	ASTMB488	ASTMB488	ASTMB488

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

RoHS Compliant  
REACH Compliant 12/17/2015

#### Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-12 Waveguide Bulkhead Adapter UG-387/U Round Cover Flange, 60 GHz to 90 GHz PEWAD5001](#)



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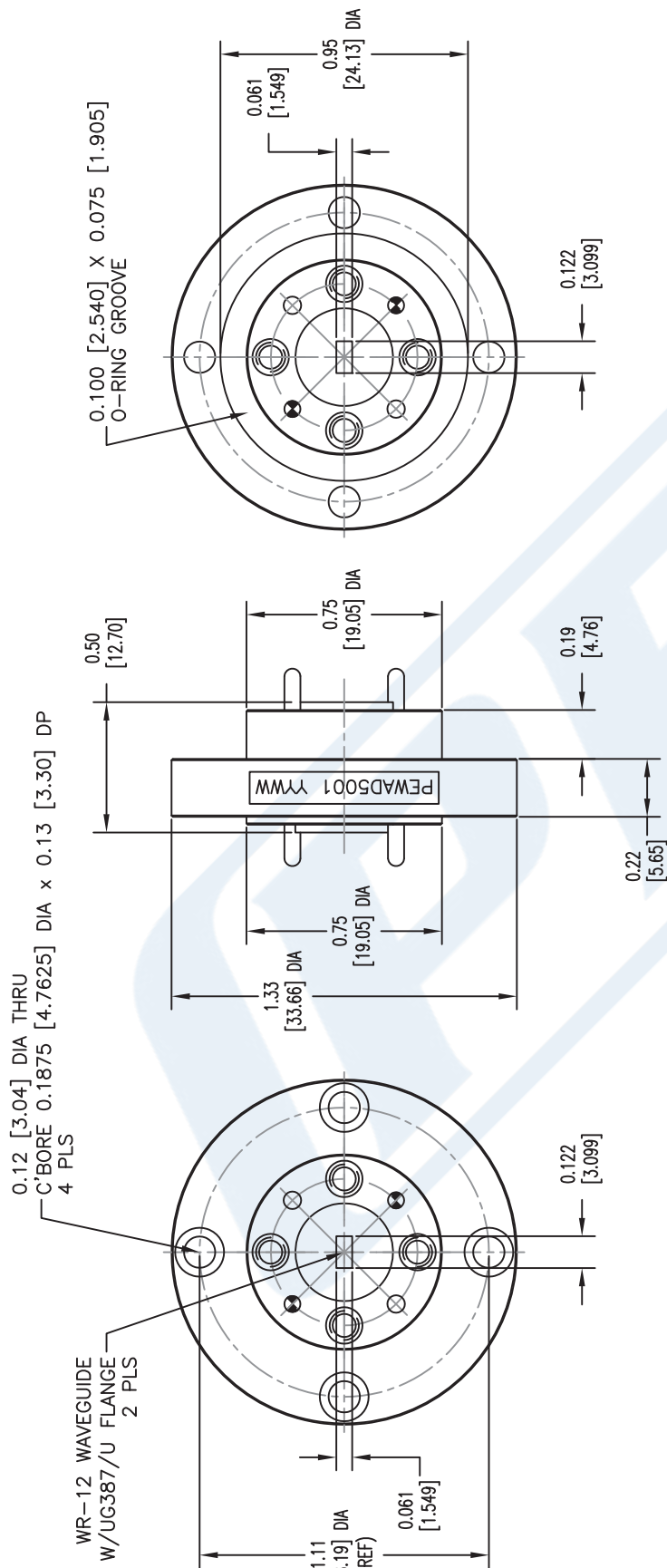
PEWAD5001

WR-12 Waveguide Bulkhead Adapter UG-387/U Round Cover Flange, 60 GHz to 90 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: [WR-12 Waveguide Bulkhead Adapter UG-387/U Round Cover Flange, 60 GHz to 90 GHz PEWAD5001](https://www.pasternack.com/wr-12-waveguide-bulkhead-adapter-ug387-round-90-ghz-pewad5001-p.aspx)

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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.



NOTE:  
O-RING INSIDE DIAMETER: 0.750" [19.050]  
O-RING WIDTH: 3/32" [2.38]

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN: inches [mm]  
TOLERANCES ARE:  
DECIMALS ±0.01  
FRACTIONS ±1/64  
ANGLES ±1/2°  
[± 127/320]  
XXX ±0.005  
[±.127]

\* THESE DIMENSIONS AND TOLERANCES SUPERSEDE NOTE #1 ON TITLE BLOCK.

**PE PASTERNAK®**  
THE ENGINEER'S RF SOURCE

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DWG TITLE  
**PEWAD5001**

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].

FSCM NO. 53919

CAD FILE 052516

SCALE N/A

SIZE A

2233