



WR-19 Waveguide Bulkhead Adapter UG-383/U-Mod Round Cover Flange, 40 GHz to 60 GHz

Waveguide Bulkhead Adapters Technical Data

PEWAD5003

Features

- Bulkhead adapter for WR-19
- 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-383/U-Mod flanges can be attached to the adapter on both sides of the bulkhead adapter to allow a signal path through the panel. The PEWAD5003 is a bulkhead adapter for WR-19 waveguides with UG-383/U-Mod flanges.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	40		60	GHz

Mechanical Specifications

Weight 0.227 lbs [102.97 g]

Description	Flange 1	Waveguide	Flange 2
Type	Round Cover	WR-19	Round Cover
Designation	UG-383/U-Mod		UG-383/U-Mod
Material	Brass	Brass	Brass
Plating	Gold	Gold	Gold
Plating Specification	ASTMB488	ASTMB488	ASTMB488

Compliance Certifications (visit 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-19 Waveguide Bulkhead Adapter UG-383/U-Mod Round Cover Flange, 40 GHz to 60 GHz PEWAD5003](#)



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WR-19 Waveguide Bulkhead Adapter UG-383/U-Mod Round Cover Flange, 40 GHz to 60 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.

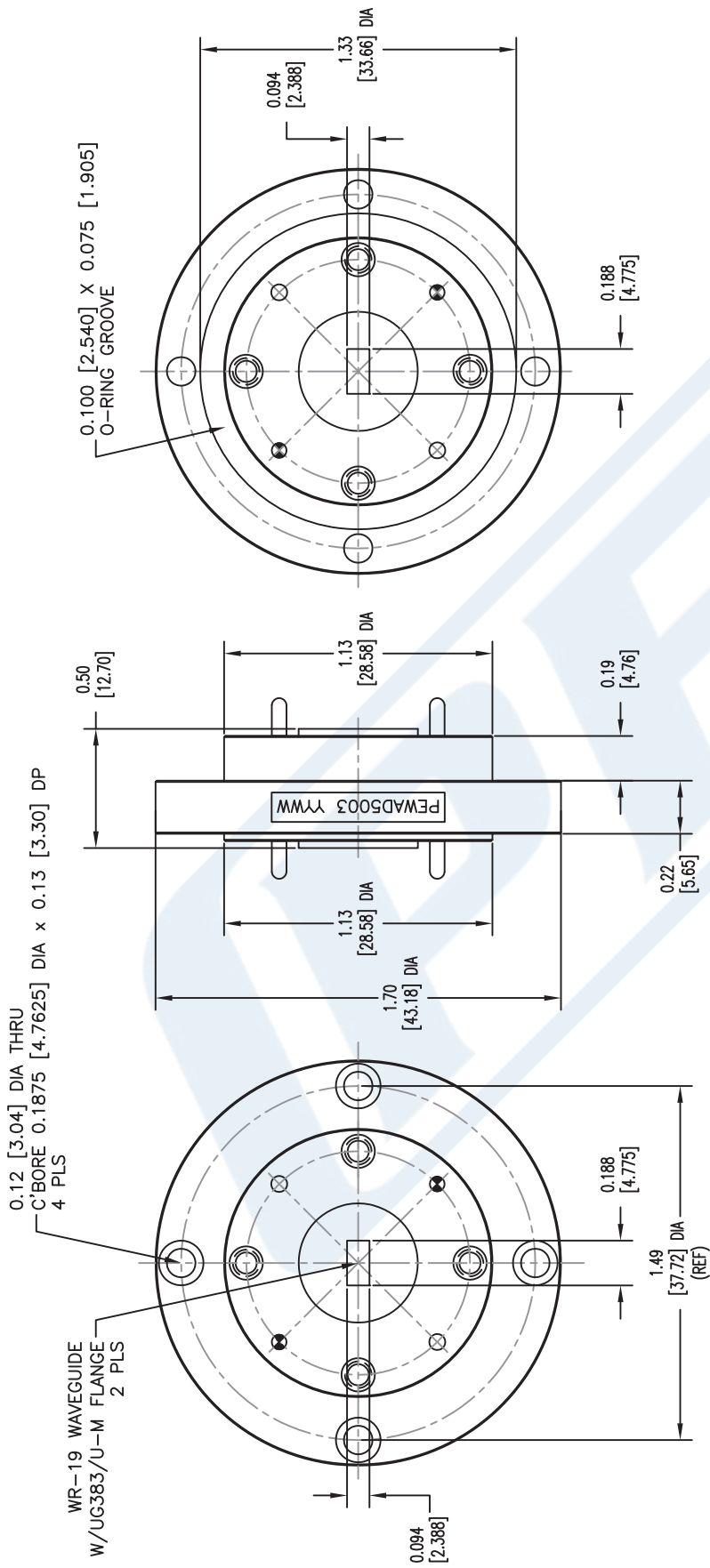
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-19 Waveguide Bulkhead Adapter UG-383/U-Mod Round Cover Flange, 40 GHz to 60 GHz PEWAD5003](https://www.pasternack.com/wr-19-waveguide-bulkhead-adapter-ug383-mod-round-60-ghz-pewad5003-p.aspx)

URL: <https://www.pasternack.com/wr-19-waveguide-bulkhead-adapter-ug383-mod-round-60-ghz-pewad5003-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.

PEWAD5003 CAD Drawing

WR-19 Waveguide Bulkhead Adapter UG-383/U-Mod
Round Cover Flange, 40 GHz to 60 GHz



NOTE:
O-RING INSIDE DIAMETER: 1.250" [31.750]
O-RING WIDTH: 3/32" [2.38]

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN: inches [mm]
TOLERANCES ARE:
DECIMALS ANGLES FRACTIONS
.XX ±0.01 ±1/2° ± 1/64
.XXX ±.005 [± 127/320]
[±.127]

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

DWG TITLE
PEWAD5003

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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].

FSCM NO. 53919

CAD FILE 052516

SCALE N/A

SIZE A

2233