



WR-28 Waveguide Bulkhead Adapter UG-599/U Square Cover Flange, 26.5 GHz to 40 GHz

Waveguide Bulkhead Adapters Technical Data

PEWAD5005

Features

- Bulkhead adapter for WR-28
- 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-599/U flanges can be attached to the adapter on both sides of the bulkhead adapter to allow a signal path through the panel. The PEWAD5005 is a bulkhead adapter for WR-28 waveguides with UG-599 flanges.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	26.5		40	GHz

Mechanical Specifications

Weight 0.141 lbs [63.96 g]

Description	Flange 1	Waveguide	Flange 2
Type	Square Cover	WR-28	Square Cover
Designation	UG-599/U		UG-599/U
Material	Brass	Brass	Brass
Plating	Gold	Gold	Gold
Plating Specification	ASTMB488	ASTMB488	ASTMB488

Compliance Certifications (visit www.Pasternack.com for current document)

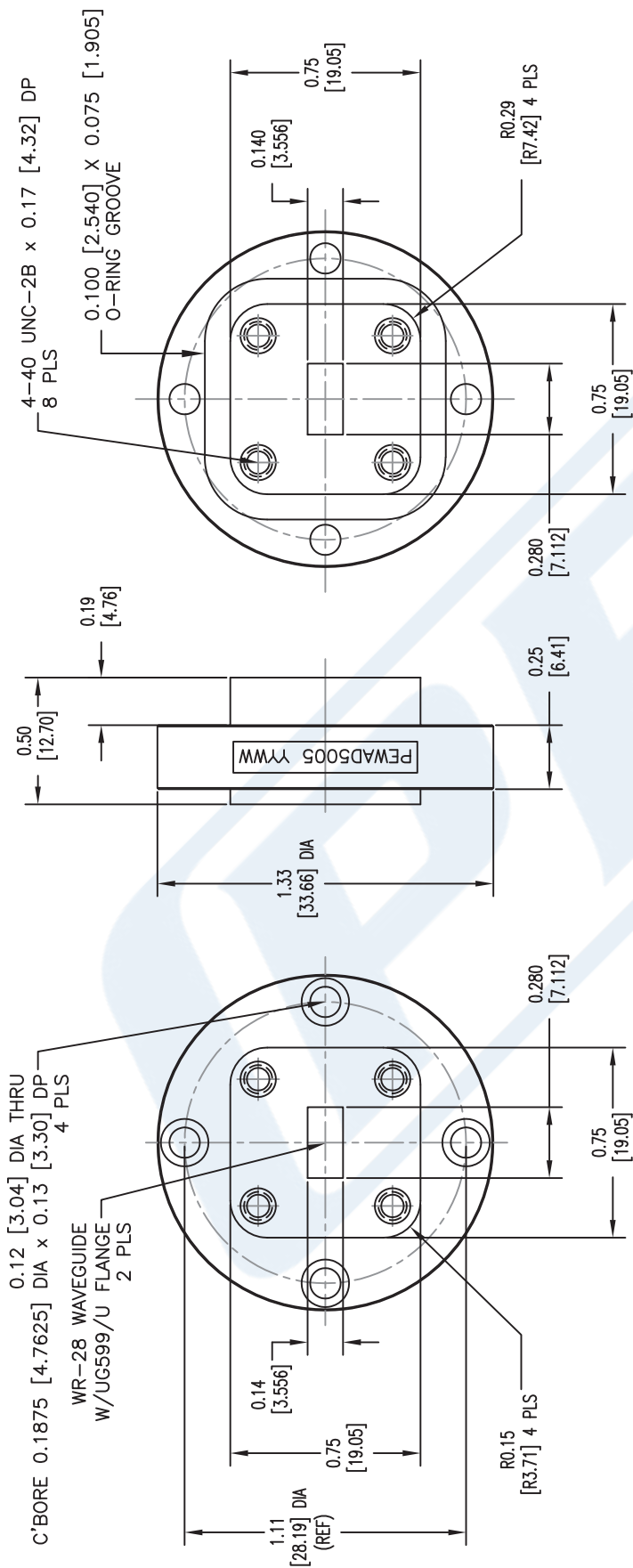
RoHS Compliant
REACH Compliant 12/17/2015

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-28 Waveguide Bulkhead Adapter UG-599/U Square Cover Flange, 26.5 GHz to 40 GHz PEWAD5005](#)

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Cover Flange, 26.5 GHz to 40 GHz



NOTE:
O-RING INSIDE DIAMETER: 0.875" [22.225]
O-RING WIDTH: 3/32" [2.38]

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN: inches [mm]
TOLERANCES ARE:
DECIMALS ANGLES FRACTIONS
.XX $\pm .01$ $\pm 1/2^\circ$ $\pm 1/64$
.XXX $\pm .005$ $[\pm 127/320]$
[$\pm .127$]

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

PASTERNAK®
THE ENGINEER'S RF SOURCE
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DWG TITLE

PEWAD5005

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 042616

SIZE A

2233