

## WR-112 Waveguide Shim, UG-Cover Square Flange, 1mm Brass

### Waveguide Accessories Technical Data Sheet

**PEW112FS1**

#### Features

- WR-112 Waveguide Shim
- Square UG-Cover Flange Configuration
- Frequency Range: 6.57 GHz to 9.99 GHz
- 1 mm Thick Brass Construction

#### Description

PEW112FS1 is a WR-112 waveguide shim with operating frequency range from 6.57 GHz to 9.99 GHz. This waveguide shim is fabricated with 1 mm thick brass by high precision manufacturing process. PEW112FS1 can be used to bridge gaps between WR-112 waveguide components with UG-Cover Square flanges. Pasternack offers wide selection of waveguide components with high performance available in stock and same-day shipping to customers worldwide.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	6.57		9.99	GHz

#### Mechanical Specifications

Body Material	Brass
Body Finish	Passivation
Length	0.039 in [0.99 mm]
Width	1.882 in [47.8 mm]
Height	1.882 in [47.8 mm]
Weight	0.066 lbs [29.94 g]

#### Compliance Certifications (see [product page](#) for current document)

WR-112 Waveguide Shim, UG-Cover Square Flange, 1mm Brass from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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-112 Waveguide Shim, UG-Cover Square Flange, 1mm Brass PEW112FS1](#)

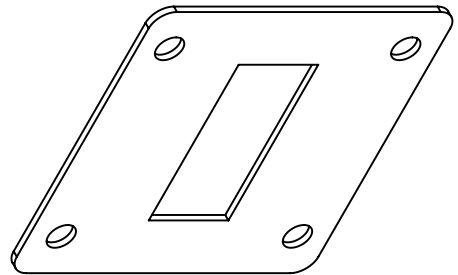
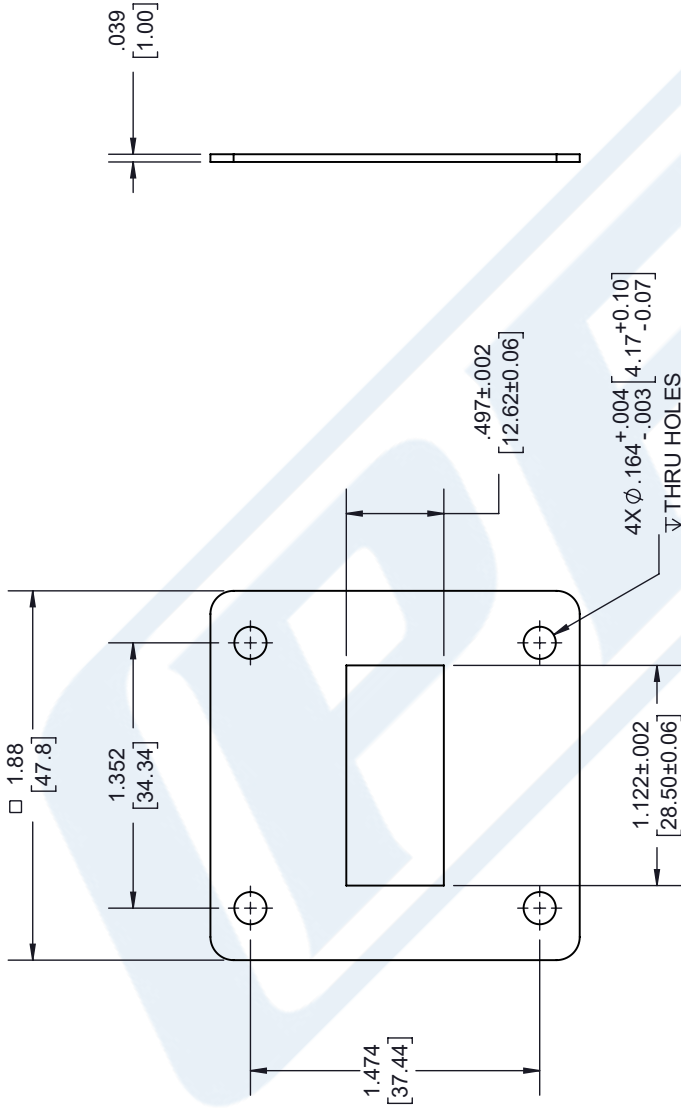
URL: <https://www.pasternack.com/wr-112-waveguide-shim-1-mm-brass-ug-cover-square-pew112fs1-p.aspx>

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.

# PEW112FS1 CAD Drawing

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	4/11/2022	S. PONG



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08] FRACTIONS ± 1/32  
 .XX = ±.02 [ .51] ± 1/32  
 .XXX = ±.005 [ .13] ANGLES ± 1°

CABLE LENGTH (L), TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0  
 12 [305] < L ≤ 60 [1524] = +2 [51] / -0  
 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0  
 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0  
 300 [7620] < L = +5% / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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 an INFINITE<sup>®</sup> brand

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SIZE [CAGE CODE] DRAWN BY ITEM NO.  
 A 53919 K.DANG PEW112FS1

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

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