



## WR-42 Waveguide Shim, UG-Cover Square flange, 4mm Brass

### Waveguide Accessories Technical Data Sheet

PEW42FS4

#### Features

- WR-42 Waveguide Shim
- Square UG-Cover Flange Configuration
- Frequency Range: 17.6 GHz to 26.7 GHz
- 4 mm Thick Brass Construction

#### Description

PEW42FS4 is a WR-42 waveguide shim with operating frequency range from 17.6 GHz to 26.7 GHz. This waveguide shim is fabricated with 4 mm thick brass by high precision manufacturing process. PEW42FS4 can be used to bridge gaps between WR-42 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.

#### Mechanical Specifications

Body Material	Brass
Body Finish	Gold Plating
Length	0.158 in [4.01][mm]
Width	0.882 in [22.4][mm]
Height	0.882 in [22.4][mm]
Weight	0.088 lbs [39.92][g]

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

WR-42 Waveguide Shim, UG-Cover Square flange, 4mm 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-42 Waveguide Shim, UG-Cover Square flange, 4mm Brass PEW42FS4](#)

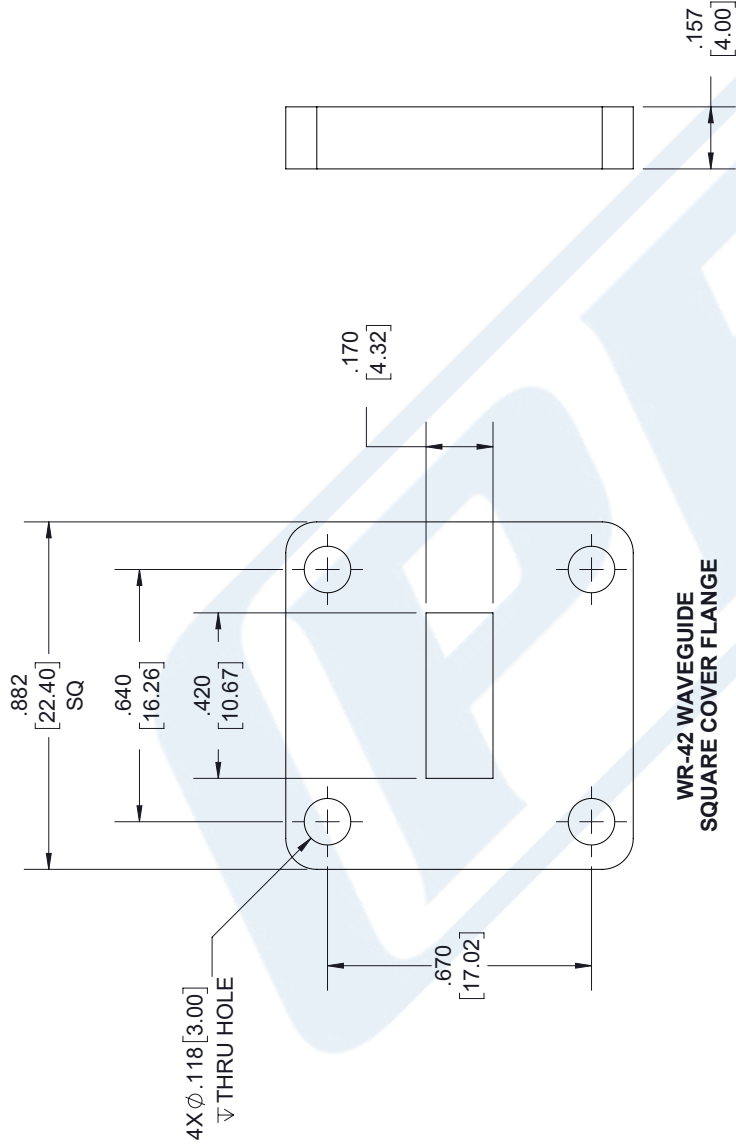
URL: <https://www.pasternack.com/pew42fs4-p.aspx>

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.

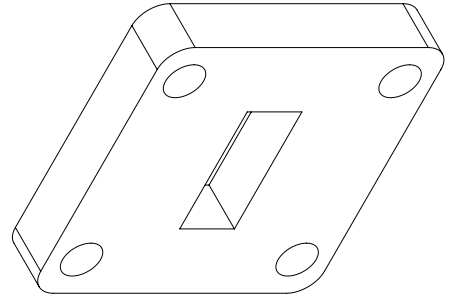
# PEW42FS4 CAD Drawing

WR-42 Waveguide Shim, UG-Cover Square flange, 4mm Brass

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/21/2020	S-PONG



WR-42 WAVEGUIDE SQUARE COVER FLANGE



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% / L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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**PE PASTERNAK**  
an INFINITO brand

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THIRD-ANGLE PROJECTION

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SHEET 1 OF 1  
SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	K.DANG	PEW42FS4
REV			A

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