



## WR-75 Waveguide Shim, UG-Grooved Square Flange, 5mm Brass

### Waveguide Accessories Technical Data Sheet

**PEW75FS5-G**

#### Features

- WR-75 Waveguide Shim
- Square UG-Grooved Flange Configuration
- Frequency Range: 9.84 GHz to 15 GHz
- 5 mm Thick Brass Construction

#### Description

PEW75FS5-G is a WR-75 waveguide shim with operating frequency range from 9.84 GHz to 15 GHz. This waveguide shim is fabricated with 5 mm thick brass by high precision manufacturing process. PEW75FS5-G can be used to bridge gaps between WR-75 waveguide components with UG-Grooved 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	9.84		15	GHz

#### Mechanical Specifications

Body Material	Brass
Body Finish	Anticorrosion grey paint
Length	0.197 in [5 mm]
Width	1.496 in [38 mm]
Height	1.496 in [38 mm]
Weight	0.22 lbs [99.79 g]

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

WR-75 Waveguide Shim, UG-Grooved Square Flange, 5mm 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-75 Waveguide Shim, UG-Grooved Square Flange, 5mm Brass PEW75FS5-G](#)

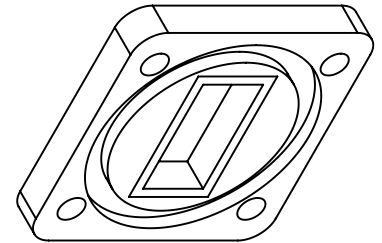
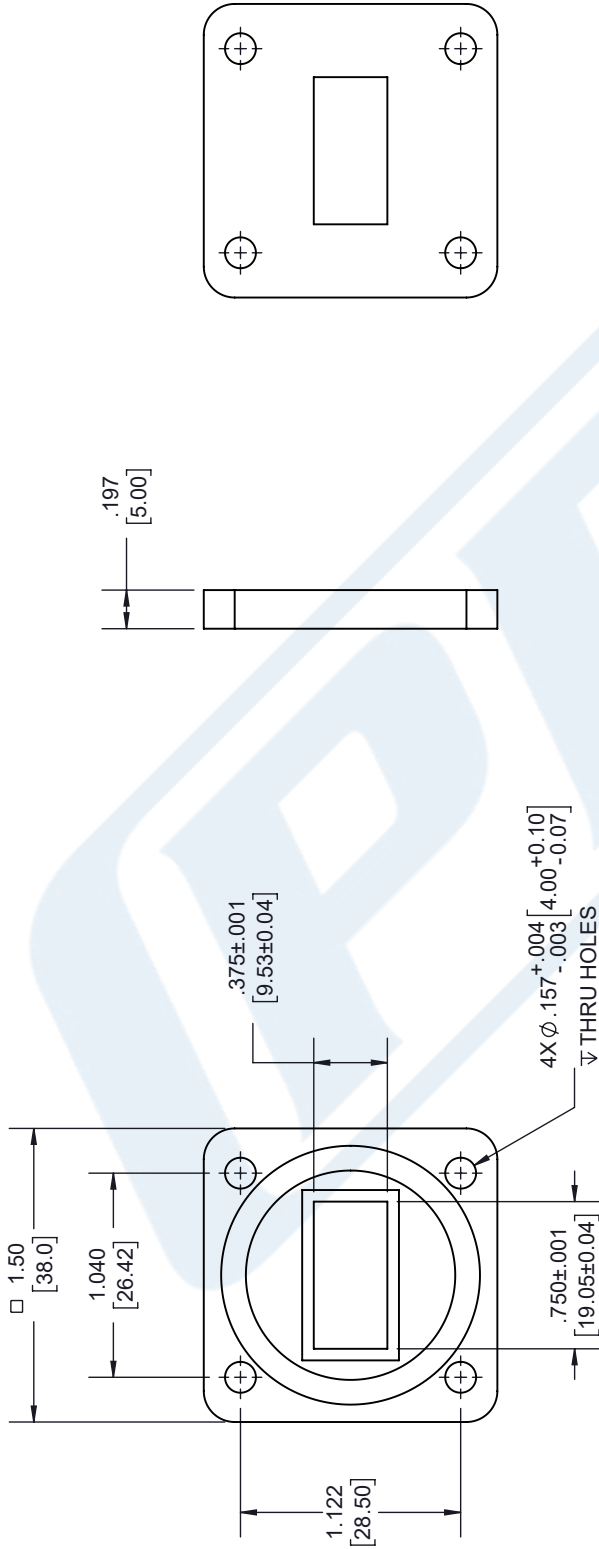
URL: <https://www.pasternack.com/wr-75-waveguide-shim-ug-grooved-square-5-mm-brass-PEW75FS5-G-p.aspx>

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.

# PEW75FS5-G CAD Drawing

WR-75 Waveguide Shim, UG-Grooved Square Flange, 5mm Brass

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



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

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

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.

THIRD-ANGLE PROJECTION

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SCALE N/A

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SIZE A    CAGE CODE 53919    DRAWN BY K.DANG    ITEM NO. PEW75FS5-G    REV A