



WR-137 Waveguide Shim, CPR-137F Flange, 1 mm Brass

Waveguide Accessories Technical Data Sheet

PEW137FS1

Features

- WR-137 Waveguide Shim
- CPR-137F Flange Configuration
- Frequency Range: 5.38 GHz to 8.17 GHz
- 1 mm Thick Brass Construction

Description

PEW137FS1 is a WR-137 waveguide shim with operating frequency range from 5.38 GHz to 8.17 GHz. This waveguide shim is fabricated with 1 mm thick brass by high precision manufacturing process. PEW137FS1 can be used to bridge gaps between WR-137 waveguide components with CPR-137F Flange. 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	5.38		8.17	GHz

Mechanical Specifications

Body Material	Brass
Body Finish	Passivation
Length	0.039 in [0.99 mm]
Width	2.689 in [68.3 mm]
Height	1.937 in [49.2 mm]
Weight	0.066 lbs [29.94 g]

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

WR-137 Waveguide Shim, CPR-137F Flange, 1 mm 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-137 Waveguide Shim, CPR-137F Flange, 1 mm Brass PEW137FS1](#)

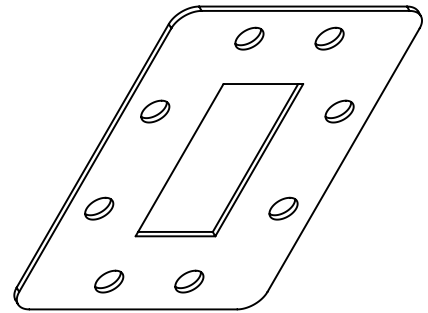
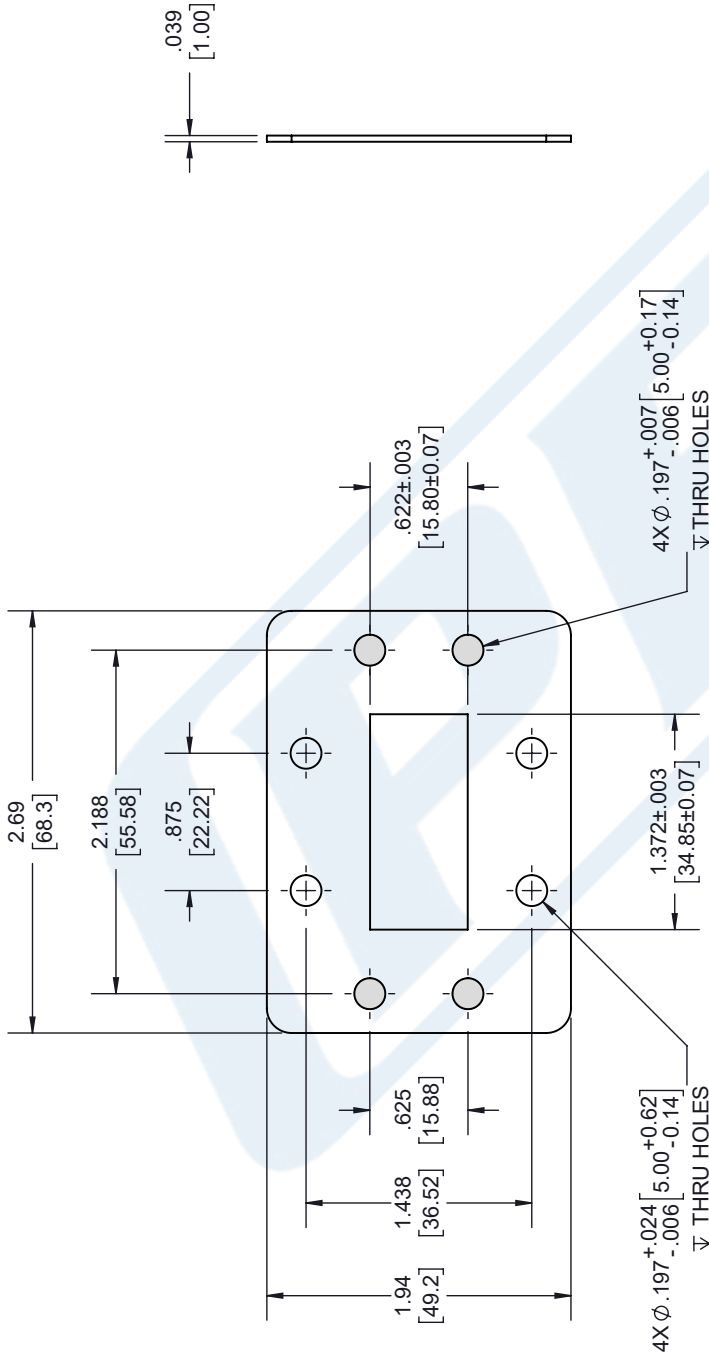
URL: <https://www.pasternack.com/wr-137-waveguide-shim-1-mm-brass-cpr-137f-pew137fs1-p.aspx>

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.

PEW137FS1 CAD Drawing

WR-137 Waveguide Shim, CPR-137F Flange, 1 mm Brass

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	4/13/2022
		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.

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an INFINITE brand

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SIZE [CAGE CODE] DRAWN BY ITEM NO.
 A 53919 K.DANG PEW137FS1

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

REV A