

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

FMW137FS1 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. FMW137FS1 can be used to bridge gaps between WR-137 waveguide components with CPR-137F flanges. Fairview Microwave offers wide selection of waveguide components with high performance available in stock and same-day shipping to customers worldwide.

Electrical Specifications*

Description	Min	Typ	Max	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, 1mm Brass CPR-137F Flange from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-137 Waveguide Shim, 1mm Brass CPR-137F Flange FMW137FS1](#)

URL: <https://www.fairviewmicrowave.com/wr-137-waveguide-shim-1-mm-brass-cpr-137f-fmw137fs1-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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

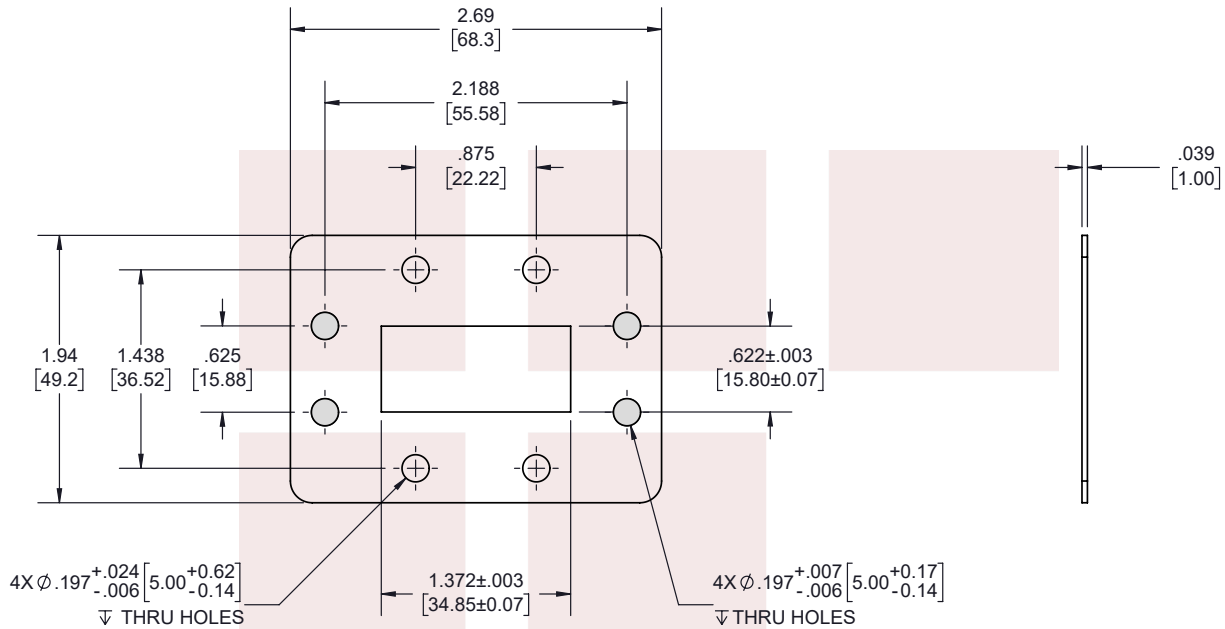


Features:

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

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



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

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

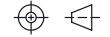
TOLERANCES:

.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%L / -0

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY K.DANG	ITEM NO. FMW137FS1	REV A
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