

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

FMW112FS1 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. FMW112FS1 can be used to bridge gaps between WR-112 waveguide components with UG-Cover Square 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	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]

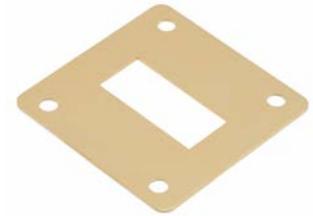
### Compliance Certifications (see [product page](#) for current document)

WR-112 Waveguide Shim, 1mm Brass UG-Cover Square 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-112 Waveguide Shim, 1mm Brass UG-Cover Square Flange FMW112FS1](#)

URL: <https://www.fairviewmicrowave.com/wr-112-waveguide-shim-1-mm-brass-ug-cover-square-fmw112fs1-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.

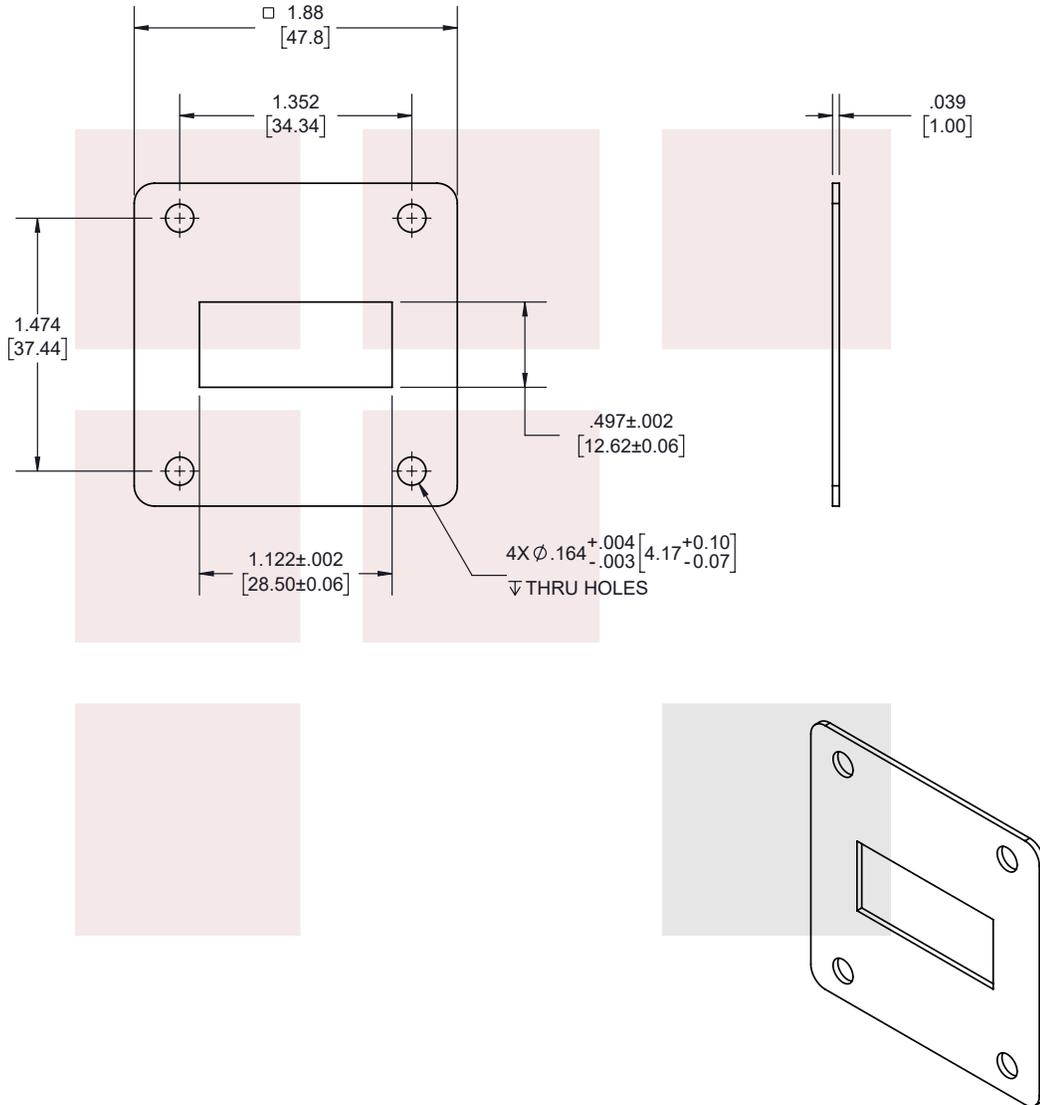


### Features:

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

Fairview Microwave  
301 Leora Ln., Suite 100  
Lewisville, TX 75056  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

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



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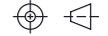
TITLE  
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

.X = ±.2 [5.08]	FRACTIONS	L ≤ 12 [305] = +1 [25] / -0
.XX = ±.02 [.51]	± 1/32	12 [305] < L ≤ 60 [1524] = +2 [51] / -0
.XXX = ±.005 [.13]	ANGLES ± 1°	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. FMW112FS1	REV A
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