

WR-187 Waveguide Short Plate with 7mm Aluminum and CPR-187F Flange

FMW187SP7 is a fixed WR-187 waveguide short (shorting plate) with operating frequency range from 3.94 GHz to 5.99 GHz. This waveguide short is fabricated with 7 mm thick aluminum by high precision manufacturing process. FMW187SP7 has the same configuration as CPR-187F flange and provides high reflection short circuit for WR-187 waveguide components. Along with Fairview Microwave's waveguide shim products, the waveguide short is ideal for TRL (Thru, Reflect, Line) calibration for RF test instruments. Fairview Microwave offers a wide selection of waveguide components with high performance available in stock and same-day shipping to customers worldwide.

Mechanical Specifications

| | |
|---------------|--------------------------|
| Body Material | Aluminum |
| Body Finish | Anticorrosion grey paint |
| Length | 0.276 in [7.01 mm] |
| Width | 3.5 in [88.9 mm] |
| Height | 2.5 in [63.5 mm] |
| Weight | 0.331 lbs [150.14 g] |

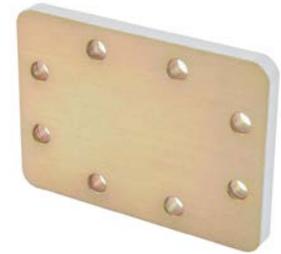
Compliance Certifications (see [product page](#) for current document)

WR-187 Waveguide Short Plate with 7mm Aluminum and CPR-187F 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-187 Waveguide Short Plate with 7mm Aluminum and CPR-187F Flange FMW187SP7](#)

URL: <https://www.fairviewmicrowave.com/undefined-url-for-pn-fmw187sp7-fmw187sp7-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.

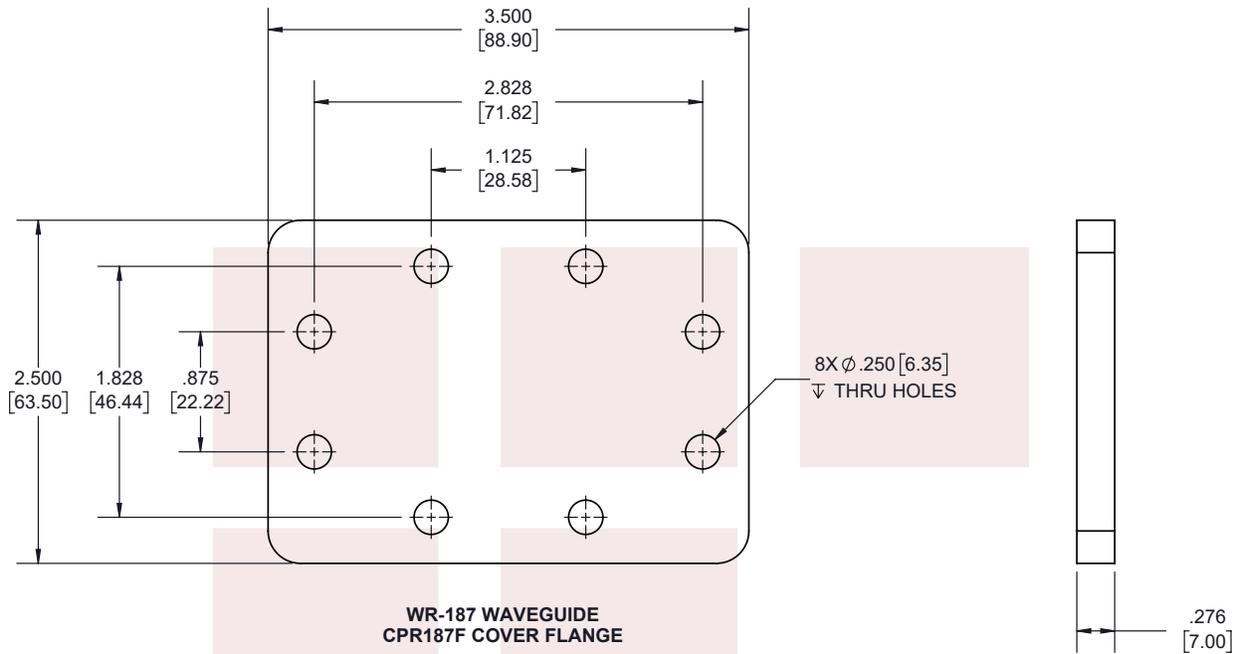


Features:

- WR-187 Waveguide Short Plate
- CPR-187F Flange Configuration
- Frequency Range: 3.94 GHz to 5.99 GHz
- Min VSWR: 60:1
- 7 mm Thick Aluminum 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
sales@fairviewmicrowave.com

| REVISIONS | | | |
|-----------|-----------------|----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 2/3/2020 | S.PONG |



**WR-187 WAVEGUIDE
CPR187F COVER FLANGE**

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

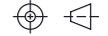
TITLE
WR-187 Waveguide Short Plate with 7mm Aluminum and CPR-187F Flange

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



THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.

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. FMW187SP7 | REV A |
|-----------|--------------------|--------------------|-----------------------|----------|

T-Rev.D