



WR-137 Waveguide Short Plate, CPR-137F Flange, 7mm Copper

Waveguide Accessories Technical Data Sheet

PEW137SP7

Features

- WR-137 Waveguide Short Plate
- CPR-137F Flange Configuration
- Frequency Range: 5.38 GHz to 8.17 GHz
- Min VSWR: 60:1
- 7 mm Thick Aluminum Construction

Description

PEW137SP7 is a fixed WR-137 waveguide short (shorting plate) with operating frequency range from 5.38 GHz to 8.17 GHz. This waveguide short is fabricated with 7 mm thick aluminum by high precision manufacturing process. PEW137SP7 has the same configuration as CPR-137F flange and provides high reflection short circuit for WR-137 waveguide components. Along with Pasternack's waveguide shim products, the waveguide short is ideal for TRL (Thru, Reflect, Line) calibration for RF test instruments. Pasternack offers a wide selection of waveguide components with high performance available in stock and same-day shipping to customers worldwide.

Mechanical Specifications

| | |
|---------------|--------------------------|
| Body Material | Copper |
| Body Finish | Anticorrosion grey paint |
| Length | 0.276 in [7.01 mm] |
| Width | 2.188 in [55.58 mm] |
| Height | 1.937 in [49.2 mm] |
| Weight | 0.22 lbs [99.79 g] |

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

WR-137 Waveguide Short Plate, CPR-137F Flange, 7mm Copper 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 Short Plate, CPR-137F Flange, 7mm Copper PEW137SP7](#)

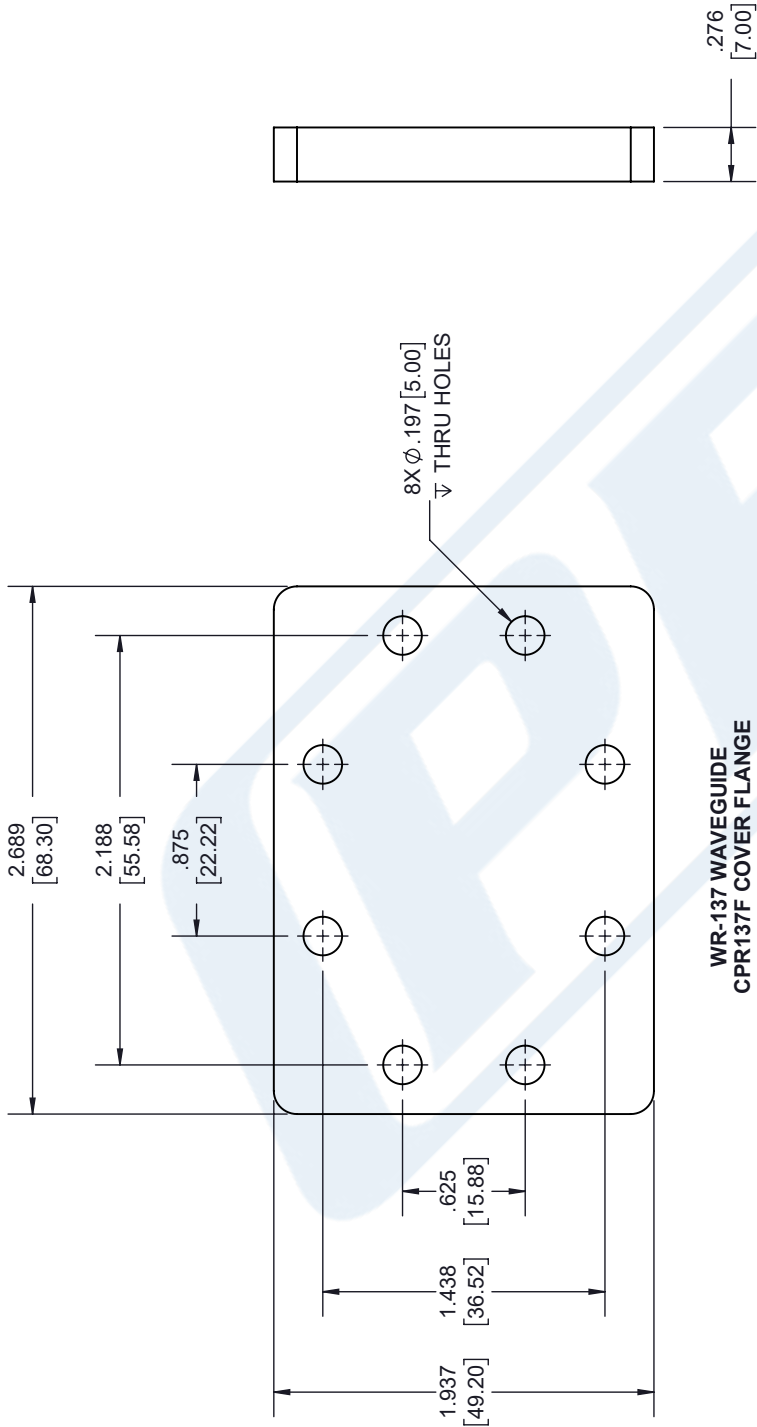
URL: <https://www.pasternack.com/pew137sp7-p.aspx>

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.

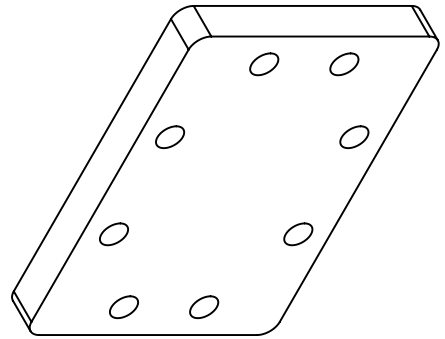
PEW137SP7 CAD Drawing

WR-137 Waveguide Short Plate, CPR-137F Flange, 7mm Copper

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



WR-137 WAVEGUIDE
CPR137F COVER 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% / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

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an INFINITE brand

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THIRD-ANGLE PROJECTION

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SHEET 1 OF 1
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