

## WR-430 Waveguide Short Plate, CPR-430F Flange, 10mm Aluminum

### Waveguide Accessories Technical Data Sheet

PEW430SP10

#### Features

- WR-430 Waveguide Short Plate
- CPR-430F Flange Configuration
- Frequency Range: 1.72 GHz to 2.61 GHz
- Min VSWR: 60:1
- 10 mm Thick Aluminum Construction

#### Description

PEW430SP10 is a fixed WR-430 waveguide short (shorting plate) with operating frequency range from 1.72 GHz to 2.61 GHz. This waveguide short is fabricated with 10 mm thick aluminum by high precision manufacturing process. PEW430SP10 has the same configuration as CPR-430F flange and provides high reflection short circuit for WR-430 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	Aluminum
Body Finish	Anticorrosion grey paint
Length	0.394 in [10.01 mm]
Width	6.343 in [161.11 mm]
Height	4.189 in [106.4 mm]
Weight	1.213 lbs [550.21 g]

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

WR-430 Waveguide Short Plate, CPR-430F Flange, 10mm Aluminum 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-430 Waveguide Short Plate, CPR-430F Flange, 10mm Aluminum PEW430SP10](#)

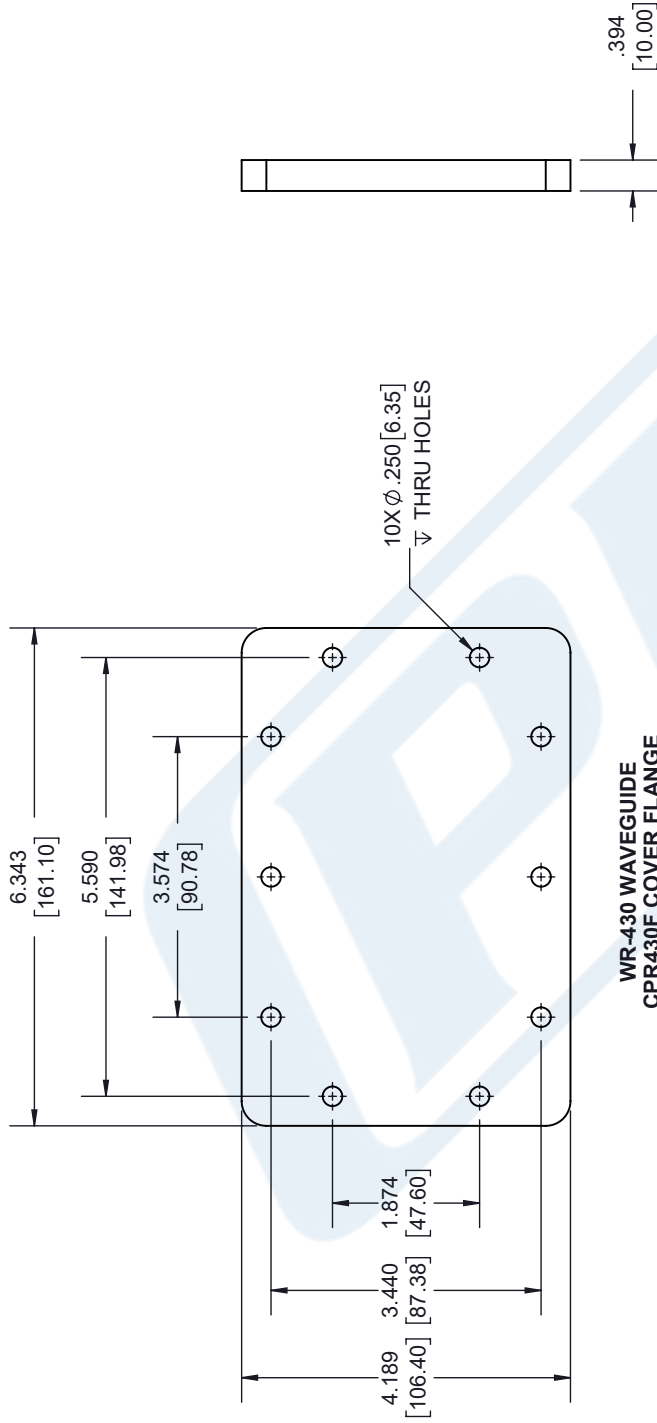
URL: <https://www.pasternack.com/pew430sp10-p.aspx>

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.

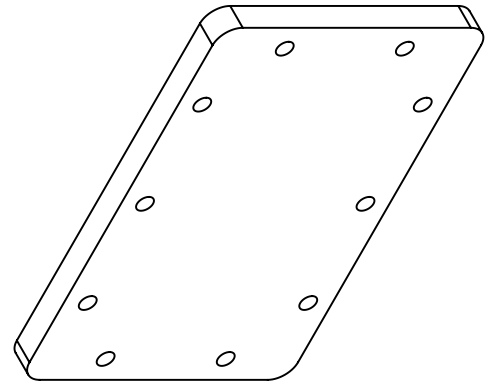
# PEW430SP10 CAD Drawing

WR-430 Waveguide Short Plate, CPR-430F Flange, 10mm Aluminum

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	2/4/2020	S. PONG



WR-430 WAVEGUIDE  
CPR430F 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.

**PE PASTERNAK**  
an INFINITE brand

Pasternack Enterprises, Inc.  
P. O. Box 16759, Irvine, CA 92623.  
Phone: 1.949.261.1920 | 1.866.727.8376  
Fax: 1.949.261.7451  
Website: www.pasternack.com  
E-mail: sales@pasternack.com

SCALE: N/A

SHEET 1 OF 1

THIRD-ANGLE PROJECTION

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

ITEM NO. PEW430SP10

DRAWN BY K.DANG

CAGE CODE 53919

REV A

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.