



## WR-15 Waveguide Short Plate, UG-Cover Round Flange, 4mm Copper

### Waveguide Accessories Technical Data Sheet

PEW15SP4

#### Features

- WR-15 Waveguide Short Plate
- Round UG-Cover Flange Configuration
- Frequency Range: 50 GHz to 75 GHz
- Min VSWR: 60:1
- 4 mm Thick Copper Construction

#### Description

PEW15SP4 is a fixed WR-15 waveguide short (shorting plate) with operating frequency range from 50 GHz to 75 GHz. This waveguide short is fabricated with 4 mm thick copper by high precision manufacturing process. PEW15SP4 has a Round UG-Cover configuration and provides high reflection short circuit for WR-15 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	Gold Plating
Length	0.158 in [4.01 mm]
Width	0.752 in [19.1 mm]
Height	0.752 in [19.1 mm]
Weight	0.331 lbs [150.14 g]

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

WR-15 Waveguide Short Plate, UG-Cover Round Flange, 4mm 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-15 Waveguide Short Plate, UG-Cover Round Flange, 4mm Copper PEW15SP4](#)

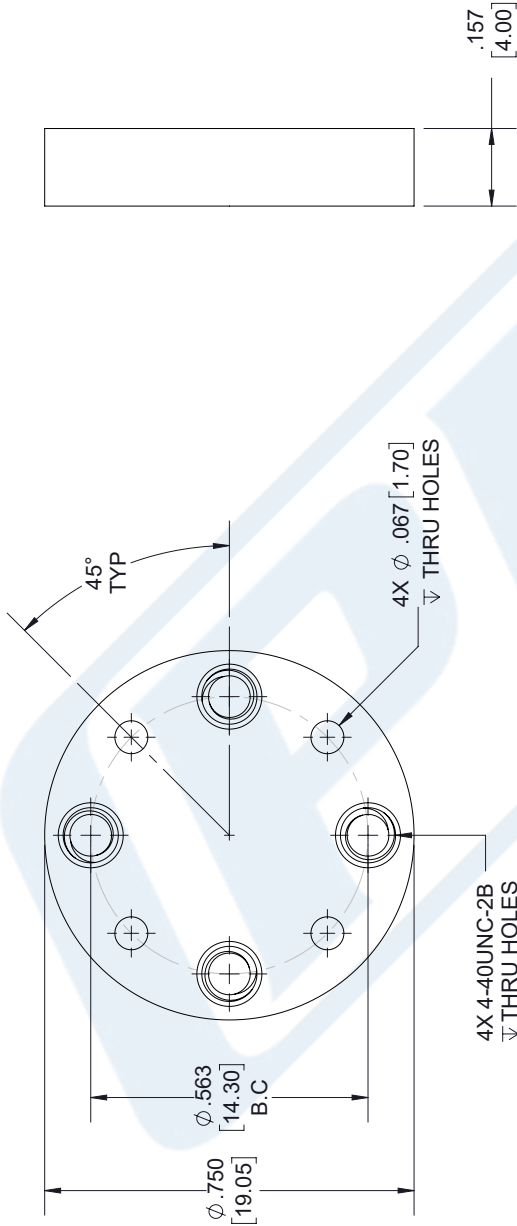
URL: <https://www.pasternack.com/pew15sp4-p.aspx>

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.

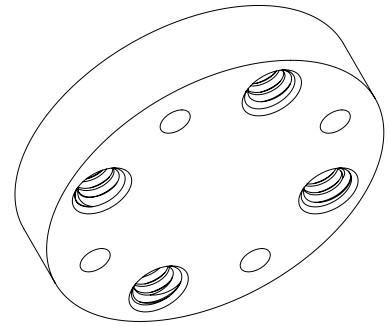
# PEW15SP4 CAD Drawing

WR-15 Waveguide Short Plate, UG-Cover Round Flange, 4mm Copper

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/28/2020	S.PONG



WR-15 WAVEGUIDE  
UG-385/U ROUND COVER FLANGE



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
.X = ± .2	[ .08]
.XX = ± .02	[ .51]
.XXX = ± .005	[ .13]
ANGLES ± 1°	
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	
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	

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SIZE	ITEM NO.
A	53919
DRAWN BY	K.DANG
SCALE	PEW15SP4
SHEET	REV
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OF	
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THIRD-ANGLE PROJECTION	
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