



100 Watts High Power WR-112 Waveguide
Load 7.05 GHz to 10 GHz, Aluminum

Waveguide Terminations Technical Data Sheet

PE6826

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	7.05		10	GHz
VSWR		1.07:1	1.1:1	
Input Power (CW)			100	Watts
Input Power (Peak)			100	kWatts

Mechanical Specifications

Size	
Length	7 in [177.8 mm]
Width/Dia.	1.88 in [47.75 mm]
Weight	1.395 lbs [632.76 g]

Description	Flange	Waveguide
Designation	None	WR-112
Type	Square Cover	
Material		Aluminum

Environmental Specifications

Temperature	
Operating Range	-54 to 70 deg C

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

Plotted and Other Data

Notes:

100 Watts High Power WR-112 Waveguide Load 7.05 GHz to 10 GHz, 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: [100 Watts High Power WR-112 Waveguide Load 7.05 GHz to 10 GHz, Aluminum PE6826](#)

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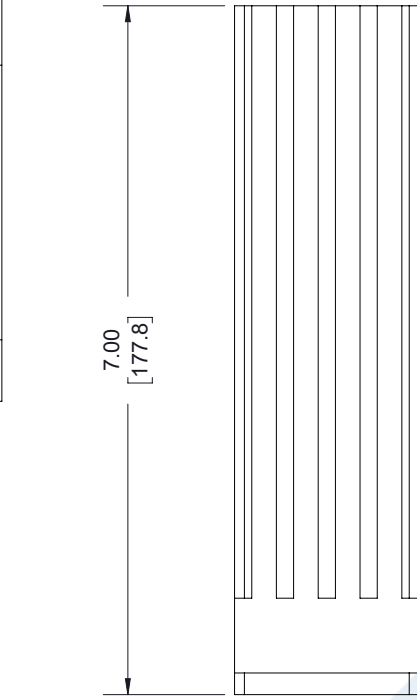
URL: <https://www.pasternack.com/medium-power-waveguide-termination-frequency-range-705-1000-ghz-pe6826-p.aspx>

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.

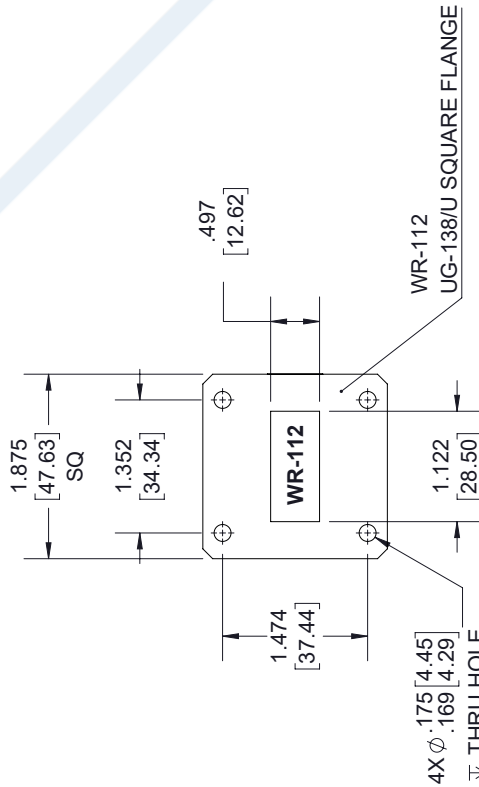
PE6826 CAD Drawing

100 Watts High Power WR-112 Waveguide Load 7.05 GHz to 10 GHz, Aluminum

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
1.1	PCR PE6826 20190718	07/19/19	J.GARCIA



7.00
[177.8]



LABEL

LABEL:

PASTERNAK
PE6826
YYWW

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

TOLERANCES:
X \pm .2 [5.08] FRACTIONS
XX \pm .01 [.25] \pm .132
.XXX \pm .005 [.13] ANGLES \pm 1°

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION



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

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SHEET 1 OF 1
SCALE N/A

SIZE	CAGE	DRAWN BY	PART NUMBER	REV
A	53919	K.DANG	PE6826	1.1

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