PASTERNACK
an INFINITE brand

5 Watts WR-284 Waveguide Load 2.6 GHz to 3.95 GHz, Aluminum with CPR-284F Flange

Waveguide Terminations Technical Data Sheet PE-W284TR1001

Features

- WR-284 Waveguide
- Operating Frequency Range from 2.6 GHz to 3.95 GHz
- CPR-284F Flange
- 1.03:1 Max VSWR
- 5 Watts Average Power Handling

Applications

- Radar Systems
- Military and Space
- Wireless Radio Systems
- Telecom Infrastructure
- Communication Systems
- R&D Labs
- Microwave Radio Systems

Description

The PE-W284TR1001 is a WR-284 waveguide termination/load that operates in the frequency range of 2.6 GHz to 3.95 GHz. This WR-284 waveguide termination has a Max VSWR of 1.03:1. This waveguide termination design is made of painted aluminum and incorporates a CPR-284F flange. Waveguide terminations are part of Pasternack's comprehensive waveguide product offerings which are available in stock and ready for same-day shipment.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	2.6		3.95	GHz
VSWR			1.03:1	
Input Power (CW)			5	Watts

Mechanical Specifications

Size

Length	11.81 in [299.97 mm]
Width/Dia.	3 in [76.2 mm]
Height	4.5 in [114.3 mm]

Description	Flange	Waveguide
Designation		WR-284
Type	CPR-284F	
Material	Aluminum	Aluminum
Plating		Chromate
Finish		Grey paint

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 5 Watts WR-284 Waveguide Load 2.6 GHz to 3.95 GHz, Aluminum with CPR-284F Flange PE-W284TR1001

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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Compliance Certifications (see product page for current document)

Notes:

5 Watts WR-284 Waveguide Load 2.6 GHz to 3.95 GHz, Aluminum with CPR-284F Flange 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.

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URL: https://www.pasternack.com/5-watts-wr-284-rf-load-2.6-3.95-ghz-instrumentation-grade-pe-w284tr1001-p.aspx

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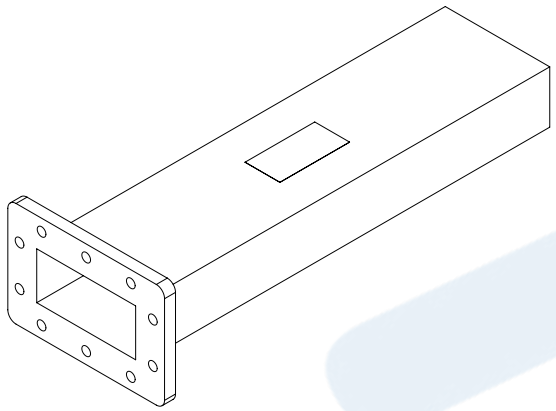
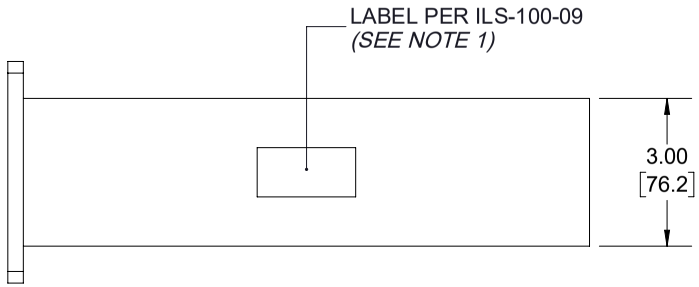
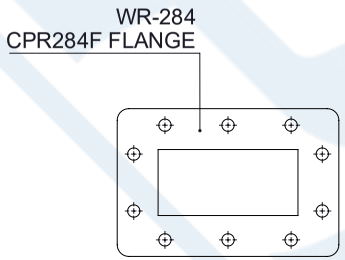
PE-W284TR1001 CAD Drawing

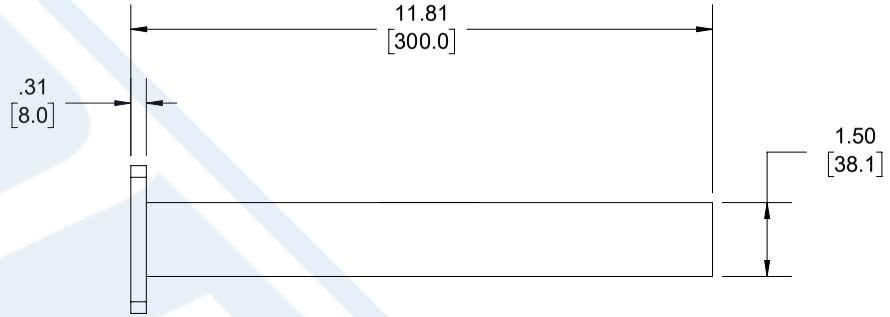
5 Watts WR-284 Waveguide Load 2.6 GHz to 3.95 GHz, Aluminum with CPR-284F Flange

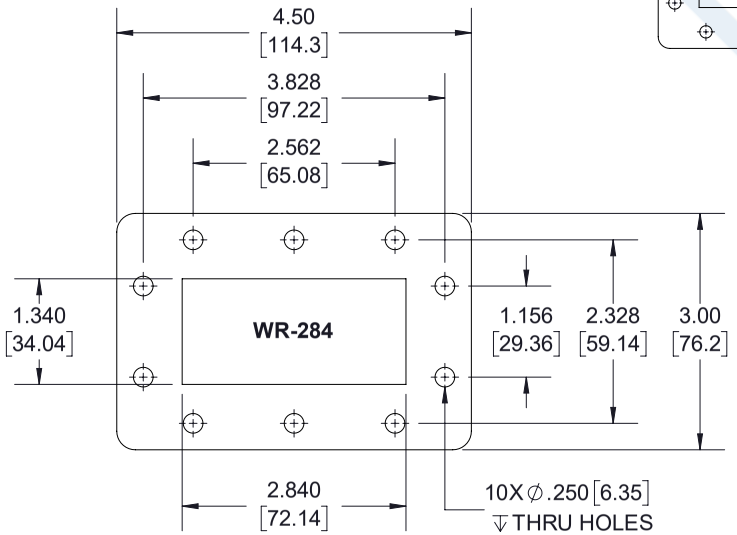
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	3/24/2021	S.PONG











FLANGE DETAIL

NOTES:

1. LABEL PER ILS-100-09. FOR INTERNAL USE ONLY.
   LABEL LOCATION FOR REFERENCE ONLY.

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%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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THIRD-ANGLE PROJECTION

SHEET 1 OF 1

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	K.DANG	PE-W284TR1001	A

T-Rev.D