



CPR-112G to N Female Waveguide to Coax Adapter 7.05 GHz to 10 GHz

TECHNICAL DATA SHEET

PE9837

CPR-112G to N Female Waveguide to Coax Adapter 7.05 GHz to 10 GHz

Configuration

Waveguide Interface	CPR-112G
Flange Design	Grooved
RF Connector	N Female
RF Connector Impedance	50 Ohms

Electrical Specifications

Frequency Range, GHz	7.05 to 10
Maximum VSWR	1.3:1

Mechanical Specifications

Size

Length, in [mm]	1.158 [29.41]
Width/Dia., in [mm]	2.5 [63.5]
Height, in [mm]	2.405 [61.09]
Weight, lbs [g]	0.221 [100.24]

Waveguide Interface

Type	CPR-112G
Body Material and Plating	Aluminum

RF Connector

Type	N Female
Body Material and Plating	Brass, Nickel

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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CPR-112G to N Female Waveguide to Coax Adapter 7.05 GHz to 10 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% 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: [CPR-112G to N Female Waveguide to Coax Adapter 7.05 GHz to 10 GHz PE9837](http://www.pasternack.com/grooved-wr-112-n-female-waveguide-coax-adapter-7.05-ghz-10-ghz-pe9837-p.aspx)

URL: <http://www.pasternack.com/grooved-wr-112-n-female-waveguide-coax-adapter-7.05-ghz-10-ghz-pe9837-p.aspx>

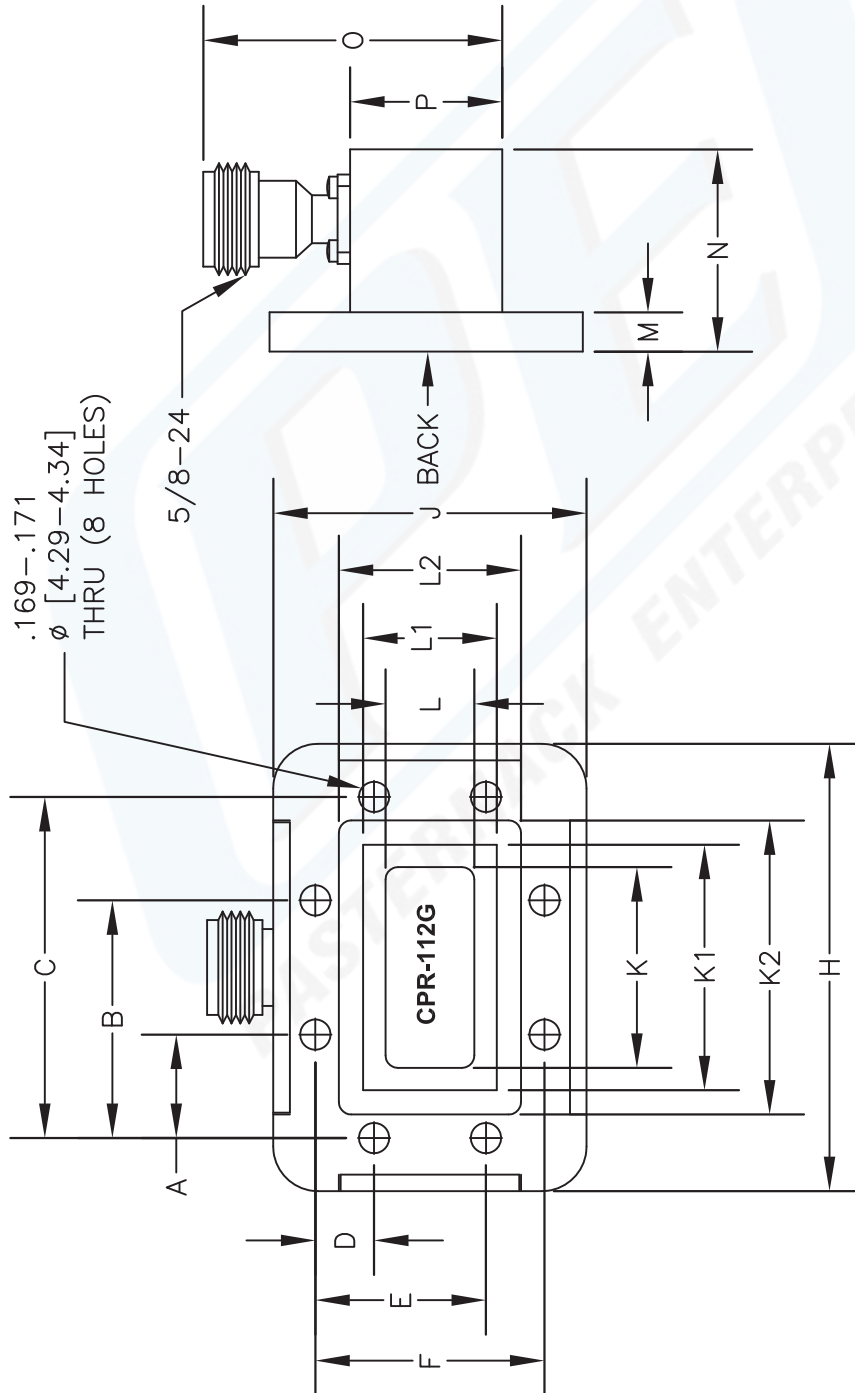
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.



PE9837 CAD Drawing

CPR-112G to N Female Waveguide to Coax Adapter 7.05 GHz to 10 GHz

CPR-112G	Dimension	Inches	mm
A		0.578	14.68
B		1.328	33.73
C		1.906	48.41
D		0.328	8.33
E		0.953	24.21
F		1.281	32.54
H		2.500	63.50
J		1.750	44.45
K	(±0.004)	1.122	28.50
K1		1.372	34.85
K2		1.650	41.91
L	(±0.004)	0.497	12.62
L1		0.747	18.97
L2		1.028	26.11
M		0.248	6.30
N		1.160	29.46
O		1.955	49.66
P		0.850	21.59



BACK VIEW

NOTES:
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
 3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE

PE9837

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FSCM NO. 53919

CAD FILE 012913-C

SCALE N/A

SIZE A

2233