



## CPR-137G to N Female Waveguide to Coax Adapter 5.85 GHz to 8.2 GHz

### TECHNICAL DATA SHEET

PE9838

#### CPR-137G to N Female Waveguide to Coax Adapter 5.85 GHz to 8.2 GHz

##### Configuration

Waveguide Interface	CPR-137G
Flange Design	Grooved
RF Connector	N Female
RF Connector Impedance	50 Ohms

##### Electrical Specifications

Frequency Range, GHz	5.85 to 8.2
Maximum VSWR	1.3:1

##### Mechanical Specifications

###### Size

Length, in [mm]	1.35 [34.29]
Width/Dia., in [mm]	2.69 [68.33]
Height, in [mm]	2.495 [63.37]
Weight, lbs [g]	0.191 [86.64]

###### Waveguide Interface

Type	CPR-137G
Body Material and Plating	Aluminum

###### RF Connector

Type	N Female
Body Material and Plating	Brass, Nickel

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

#### Plotted and Other Data

Notes:	Values at 25 °C, sea level
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CPR-137G to N Female Waveguide to Coax Adapter 5.85 GHz to 8.2 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-137G to N Female Waveguide to Coax Adapter 5.85 GHz to 8.2 GHz PE9838](http://www.pasternack.com/grooved-wr-137-n-female-waveguide-coax-adapter-5.85-ghz-8.2-ghz-pe9838-p.aspx)

URL: <http://www.pasternack.com/grooved-wr-137-n-female-waveguide-coax-adapter-5.85-ghz-8.2-ghz-pe9838-p.aspx>

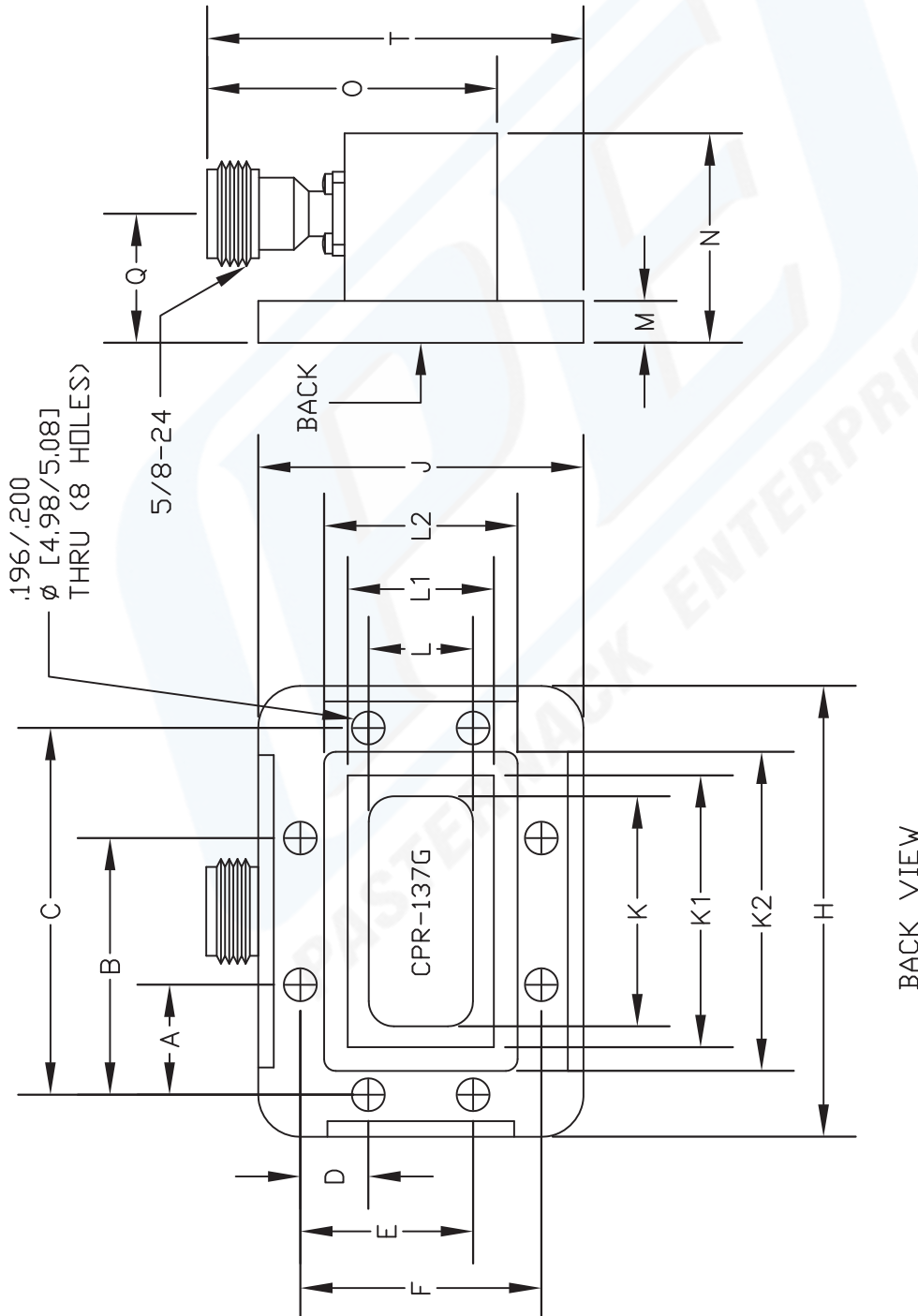
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

# PE9838 CAD Drawing

CPR-137G to N Female Waveguide to Coax Adapter 5.85 GHz to 8.2 GHz

CPR-137G	Dimension	Inches	mm
A		0.656	16.7
B		1.532	38.9
C		2.188	55.6
D		0.406	10.3
E		1.031	26.2
F		1.438	36.5
H		2.690	68.3
J		1.940	49.3
K ( $\pm 0.004$ )		1.372	34.8
K1		1.622	41.2
K2		1.904	48.4
L ( $\pm 0.004$ )		0.622	15.8
L1		0.872	22.1
L2		1.154	29.3

M	0.250	6.4
N	1.350	34.3
O	1.940	49.3
Q	0.772	19.6
T	2.495	63.4



DWG TITLE

**PE9838**

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].

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