



CPR-159G to N Female Waveguide to Coax
Adapter 4.9 GHz to 7.05 GHz

TECHNICAL DATA SHEET

PE9839

CPR-159G to N Female Waveguide to Coax Adapter 4.9 GHz to 7.05 GHz

Configuration

Waveguide Interface	CPR-159G
Flange Design	Grooved
RF Connector	N Female
RF Connector Impedance	50 Ohms

Electrical Specifications

Frequency Range, GHz	4.9 to 7.05
Maximum VSWR	1.3:1

Mechanical Specifications

Size

Length, in [mm]	1.5 [38.1]
Width/Dia., in [mm]	3.19 [81.03]
Height, in [mm]	2.56 [65.02]

Waveguide Interface

Type	CPR-159G
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)

Plotted and Other Data

Notes:	Values at 25 °C, sea level
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CPR-159G to N Female Waveguide to Coax Adapter 4.9 GHz to 7.05 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-159G to N Female Waveguide to Coax Adapter 4.9 GHz to 7.05 GHz PE9839](http://www.pasternack.com/waveguide-to-n-female-frequency-range-490-705-ghz-pe9839-p.aspx)

URL: <http://www.pasternack.com/waveguide-to-n-female-frequency-range-490-705-ghz-pe9839-p.aspx>

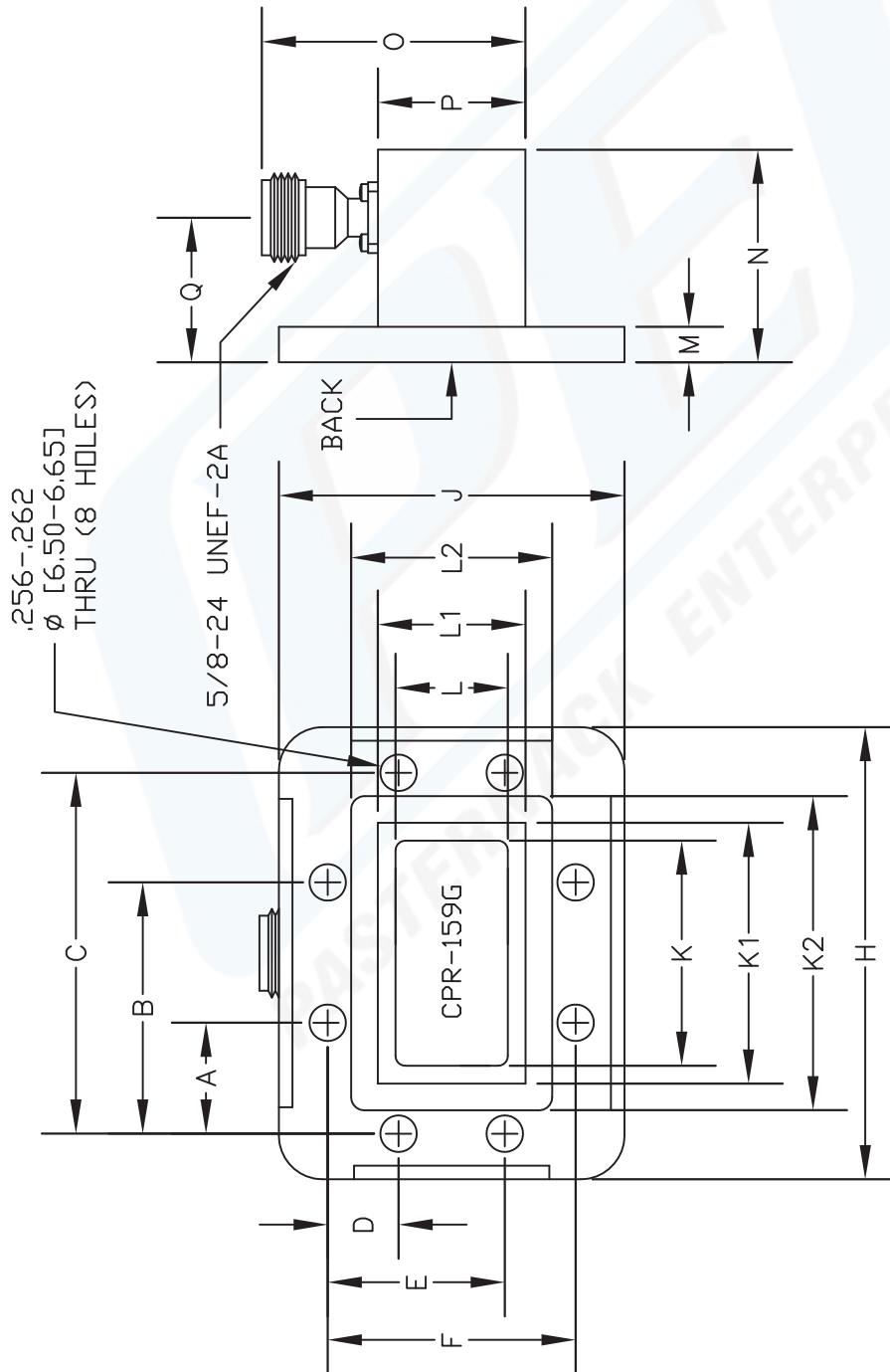
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

PE9839 CAD Drawing

CPR-159G to N Female Waveguide to Coax Adapter 4.9 GHz to 7.05 GHz

CPR-159G	Dimension	Inches	mm
A		0.773	19.63
B		1.773	45.03
C		2.546	64.67
D		0.500	12.70
E		1.250	31.75
F		1.750	44.45
H		3.190	81.03
J		2.440	61.98
K (± 0.004)		1.590	40.39
K1		1.840	46.74
K2		2.216	56.29
L (± 0.004)		0.795	20.19
L1		1.043	26.49
L2		1.419	36.04

M	0.250	6.35
N	1.500	38.10
O	1.860	47.24
P	1.040	26.42
Q	1.030	26.16



DWG TITLE

PE9839

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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COAXIAL & FIBER OPTICS



FSCM NO. 53919

CAD FILE 121602

SCALE N/A

SIZE A

127