



CPR-187G to N Female Waveguide to Coax  
Adapter 3.98 GHz to 5.85 GHz

TECHNICAL DATA SHEET

PE9840

**Configuration**

Waveguide Interface	CPR-187G
Flange Design	Grooved
RF Connector	N Female
RF Connector Impedance	50 Ohms

**Electrical Specifications**

Frequency Range, GHz	3.98 to 5.85
Maximum VSWR	1.25:1

**Mechanical Specifications**

**Size**

Length, in [mm]	1.88 [47.75]
Width/Dia., in [mm]	3.5 [88.9]
Height, in [mm]	2.93 [74.42]

**Waveguide Interface**

Type	CPR-187G
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)

Not RoHS Compliant

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [CPR-187G to N Female Waveguide to Coax Adapter 3.98 GHz to 5.85 GHz PE9840](#)



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#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

CPR-187G to N Female Waveguide to Coax Adapter 3.98 GHz to 5.85 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave 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-187G to N Female Waveguide to Coax Adapter 3.98 GHz to 5.85 GHz PE9840](http://www.pasternack.com/grooved-wr-187-n-female-waveguide-coax-adapter-3.95-ghz-5.85-ghz-pe9840-p.aspx)

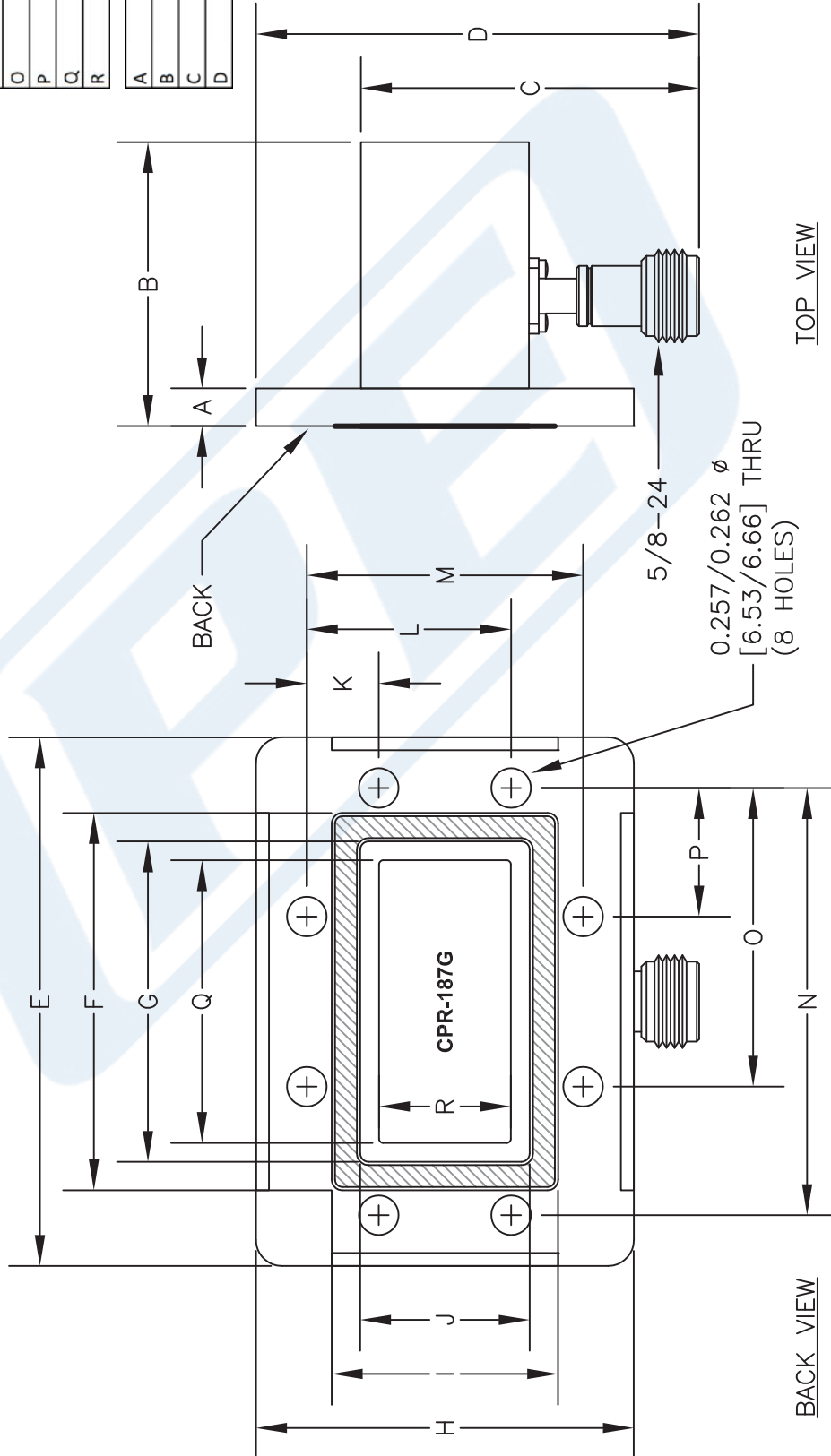
URL: <http://www.pasternack.com/grooved-wr-187-n-female-waveguide-coax-adapter-3.95-ghz-5.85-ghz-pe9840-p.aspx>

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.

# PE9840 CAD Drawing

CPR-187G to N Female Waveguide to Coax Adapter 3.98 GHz to 5.85 GHz

CPR-187G		Dimension	Inches	mm
E			3.500	88.90
F			2.498	63.45
G			2.122	53.90
H			2.500	63.50
I			1.498	38.05
J			1.122	28.50
K			0.476	12.09
L			1.352	34.34
M			1.828	46.43
N			2.828	71.83
O			1.977	50.22
P			0.851	21.62
Q			1.872	47.55
R			0.872	22.15
A			0.250	6.35
B			1.880	47.75
C			2.238	56.85
D			2.932	74.47



DWG TITLE

**PE9840**

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].

**PE PASTERNAK®**  
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FSCM NO. 53919

CAD FILE 040114

SCALE N/A

SIZE A

2233