



# WR-187 to N Female Waveguide to Coax Adapter 3.95 GHz to 5.85 GHz

## TECHNICAL DATA SHEET

PE9822

### WR-187 to N Female Waveguide to Coax Adapter 3.95 GHz to 5.85 GHz

#### Configuration

Waveguide Interface	WR-187
RF Connector	N Female
RF Connector Impedance	50 Ohms

#### Electrical Specifications

Frequency Range, GHz	3.95 to 5.85
Maximum VSWR	1.3:1

#### Mechanical Specifications

##### Size

Length, in [mm]	1.88 [47.75]
Width/Dia., in [mm]	2.78 [70.61]
Height, in [mm]	2.56 [65.02]

##### Waveguide Interface

Type	WR-187
Body Material and Plating	Aluminum

##### RF Connector

Type	N Female
Body Material and Plating	Passivated Stainless Steel

#### 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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WR-187 to N Female Waveguide to Coax Adapter 3.95 GHz to 5.85 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: [WR-187 to N Female Waveguide to Coax Adapter 3.95 GHz to 5.85 GHz PE9822](http://www.pasternack.com/wr-187-n-female-waveguide-coax-adapter-3.95-ghz-5.85-ghz-pe9822-p.aspx)

URL: <http://www.pasternack.com/wr-187-n-female-waveguide-coax-adapter-3.95-ghz-5.85-ghz-pe9822-p.aspx>

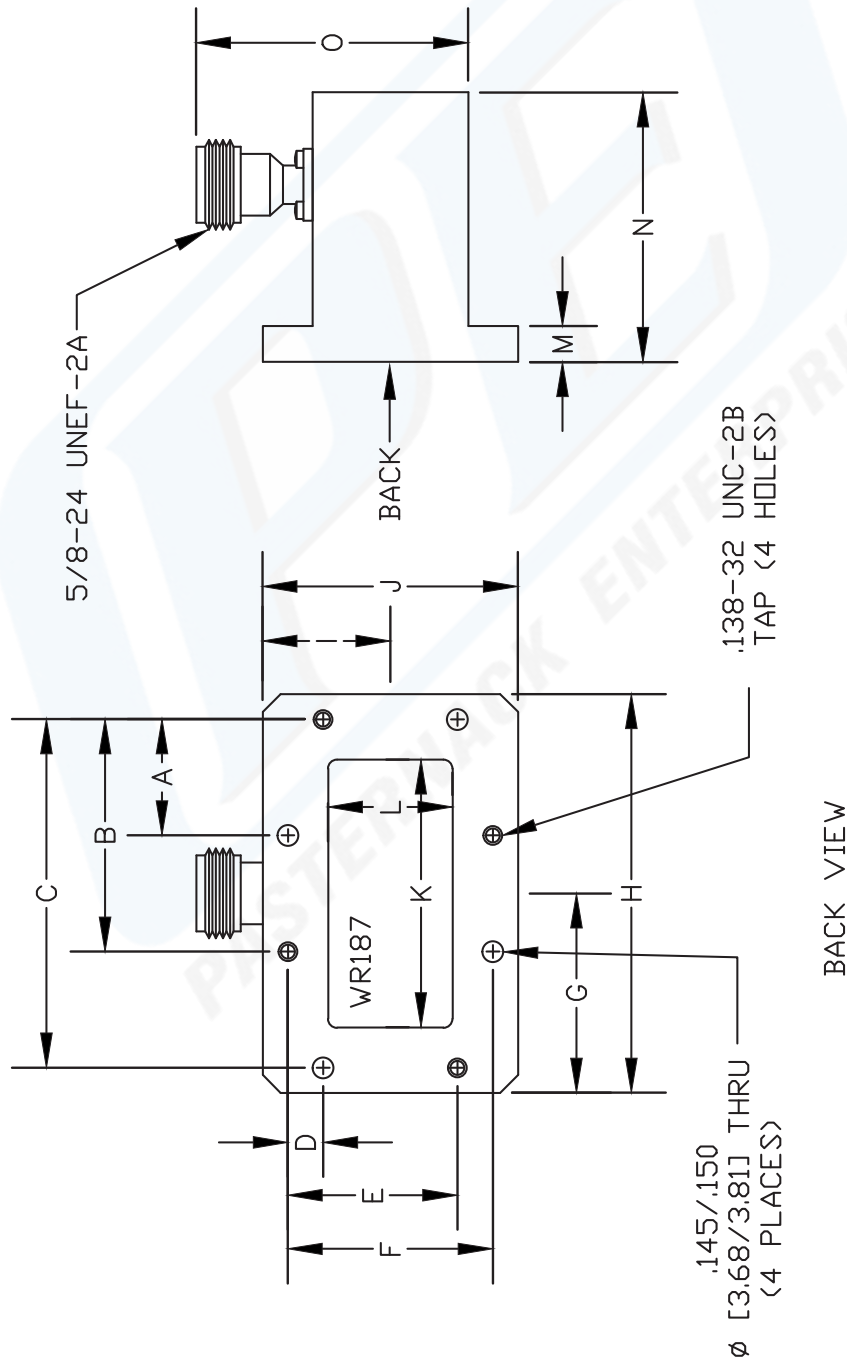
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

# PE9822 CAD Drawing

WR-187 to N Female Waveguide to Coax Adapter 3.95 GHz to 5.85 GHz

WR187	Dimension	Inches	mm
A		0.810	20.57
B		1.620	41.15
C		2.430	61.72
D		0.247	6.27
E		1.183	30.05
F		1.430	36.32
G		1.215	30.86
H		2.781	70.64
I		0.715	18.16
J		1.781	45.24
K ( $\pm 0.004$ )		1.872	47.55
L ( $\pm 0.004$ )		0.872	22.15

M	0.250	6.35
N	1.880	47.75
O	2.245	57.02



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

**PE9822**

FSCM NO. 53919

2233

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