



WR-90 to N Female Waveguide to Coax
Adapter 8.2 GHz to 12.4 GHz

TECHNICAL DATA SHEET

PE9883

WR-90 to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 GHz

Configuration

Waveguide Interface	WR-90
Flange Design	Standard
RF Connector	N Female

Electrical Specifications

Frequency Range, GHz	8.2 to 12.4
Maximum VSWR	1.25:1

Mechanical Specifications

Size

Length, in [mm]	1.5 [38.1]
Width/Dia., in [mm]	2.09 [53.09]
Height, in [mm]	1.6 [40.64]

Waveguide Interface

Type	WR-90
Body Material and Plating	Aluminum

RF Connector

Type	N Female
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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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WR-90 to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 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-90 to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 GHz PE9883](http://www.pasternack.com/wr-90-n-female-waveguide-coax-adapter-8.2-12.4-ghz-pe9883-p.aspx)

URL: <http://www.pasternack.com/wr-90-n-female-waveguide-coax-adapter-8.2-12.4-ghz-pe9883-p.aspx>

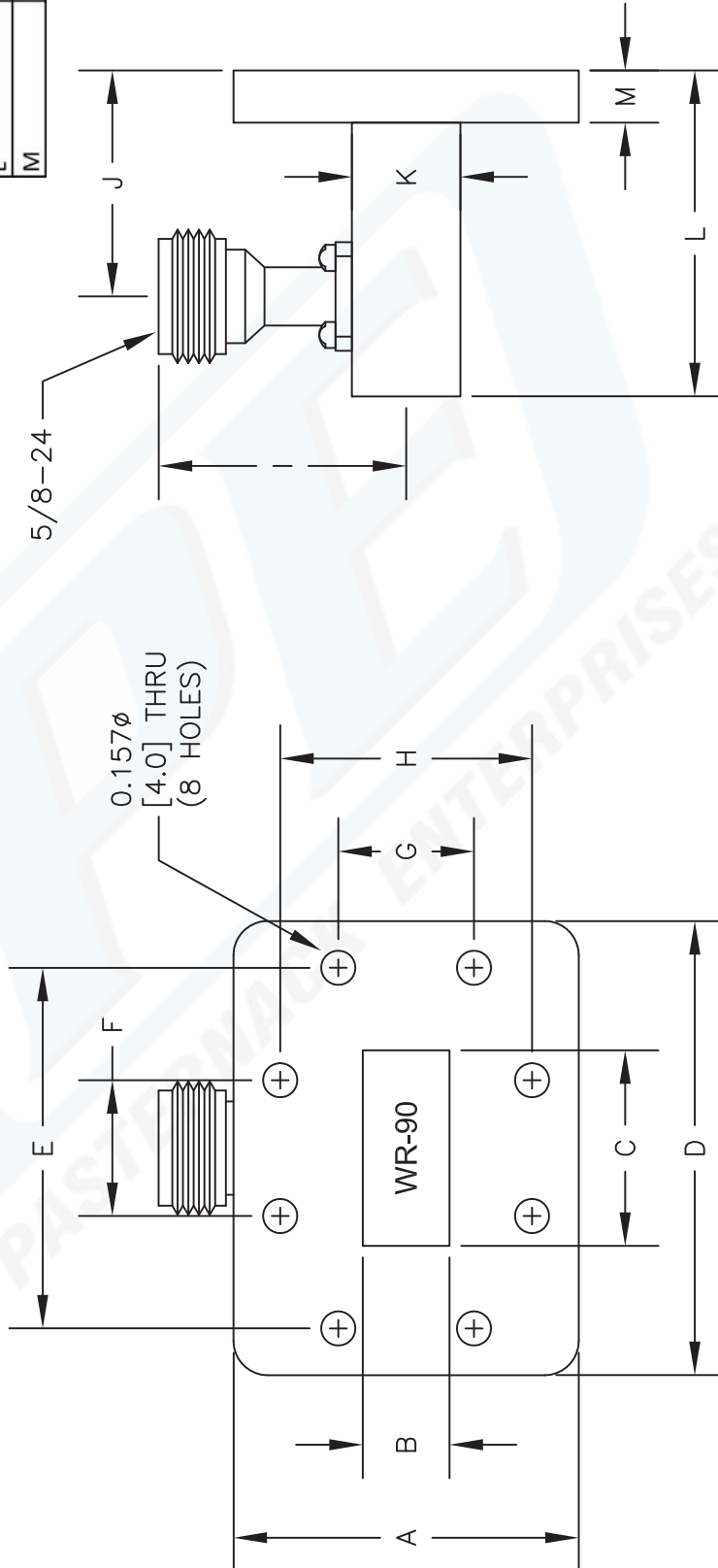
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

PE9883 CAD Drawing

WR-90 to N Female Waveguide to Coax Adapter 8.2 GHz to 12.4 GHz

WR-90		
Dimension	Inches	mm
A	1.594	40.50
B	0.400	10.16
C	0.900	22.86
D	2.094	53.19
E	1.656	42.06
F	0.625	15.88
G	0.625	15.88
H	1.156	29.36

I	1.140	28.96
J	1.040	26.42
K	0.500	12.70
L	1.500	38.10
M	0.236	6.00



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

PE9883

FSCM NO. 53919

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