



WR-159 to SMA Female Waveguide to Coax
Adapter 4.9 GHz to 7.05 GHz

TECHNICAL DATA SHEET

PE9831

WR-159 to SMA Female Waveguide to Coax Adapter 4.9 GHz to 7.05 GHz

Configuration

Waveguide Interface	WR-159
RF Connector	SMA 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]	1.77 [44.96]
Width/Dia., in [mm]	2.5 [63.5]
Height, in [mm]	1.5 [38.1]
Weight, lbs [g]	0.191 [86.64]

Waveguide Interface

Type	WR-159
Body Material and Plating	Aluminum

RF Connector

Type	SMA Female
Body Material and Plating	Passivated Stainless Steel

Compliance Certifications (visit www.Pasternack.com for current document)

Plotted and Other Data

Notes:	Values at 25 °C, sea level
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WR-159 to SMA 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: [WR-159 to SMA Female Waveguide to Coax Adapter 4.9 GHz to 7.05 GHz PE9831](http://www.pasternack.com/wr-159-sma-female-waveguide-coax-adapter-4.9-ghz-7.05-ghz-pe9831-p.aspx)

URL: <http://www.pasternack.com/wr-159-sma-female-waveguide-coax-adapter-4.9-ghz-7.05-ghz-pe9831-p.aspx>

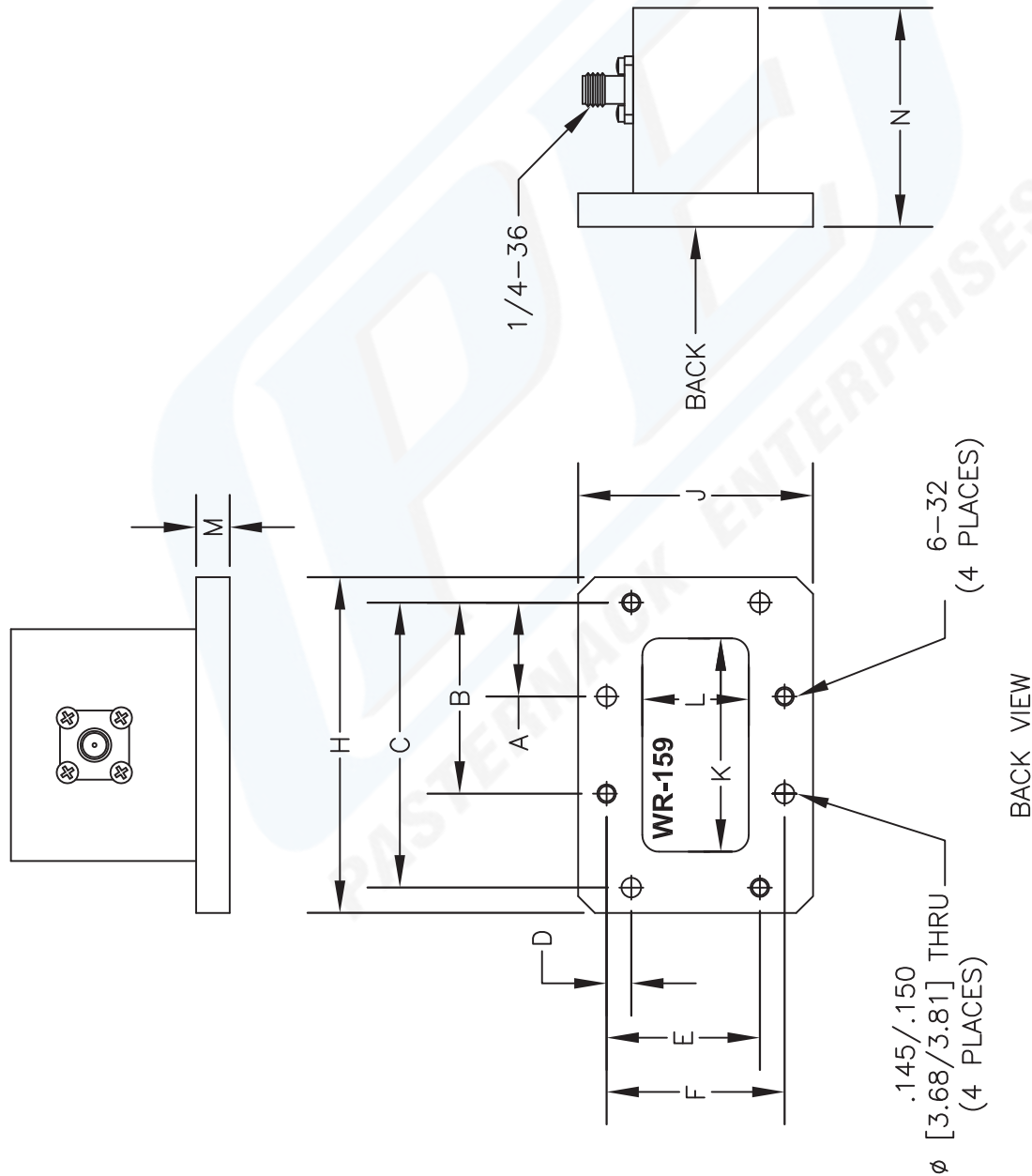
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

PE9831 CAD Drawing

WR-159 to SMA Female Waveguide to Coax Adapter 4.9 GHz to 7.05 GHz

WR159	Dimension	Inches	mm
A		0.699	17.75
B		1.423	36.14
C		2.122	53.90
D		0.184	4.67
E		1.142	29.01
F		1.326	33.68
H		2.500	63.50
J		1.750	44.45
K (± 0.004)		1.590	40.39
L (± 0.004)		0.795	20.19

M	0.250	6.35
N	1.500	38.10



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

PE9831

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REV. B

FSCM NO. 53919

CAD FILE 032812

SCALE N/A

SIZE A

2233