



WR-102 to SMA Female Waveguide to  
Coax Adapter 7 GHz to 11 GHz

TECHNICAL DATA SHEET

PE9849

**WR-102 to SMA Female Waveguide to Coax Adapter 7 GHz to 11 GHz**

**Configuration**

Waveguide Interface	WR-102
RF Connector	SMA Female
RF Connector Impedance	50 Ohms
Body Style	End Launch

**Electrical Specifications**

Frequency Range, GHz	7 to 11
Maximum VSWR	1.4:1

**Mechanical Specifications**

**Size**

Length, in [mm]	1.5 [38.1]
Width/Dia., in [mm]	1.68 [42.67]
Height, in [mm]	1.68 [42.67]
Weight, lbs [g]	0.205 [92.99]

**Waveguide Interface**

Type	WR-102
Body Material and Plating	Aluminum

**RF Connector**

Type	SMA 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

WR-102 to SMA Female Waveguide to Coax Adapter 7 GHz to 11 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-102 to SMA Female Waveguide to Coax Adapter 7 GHz to 11 GHz PE9849](http://www.pasternack.com/wr-102-sma-female-end-launch-waveguide-coax-adapter-7-ghz-11-ghz-pe9849-p.aspx)

URL: <http://www.pasternack.com/wr-102-sma-female-end-launch-waveguide-coax-adapter-7-ghz-11-ghz-pe9849-p.aspx>

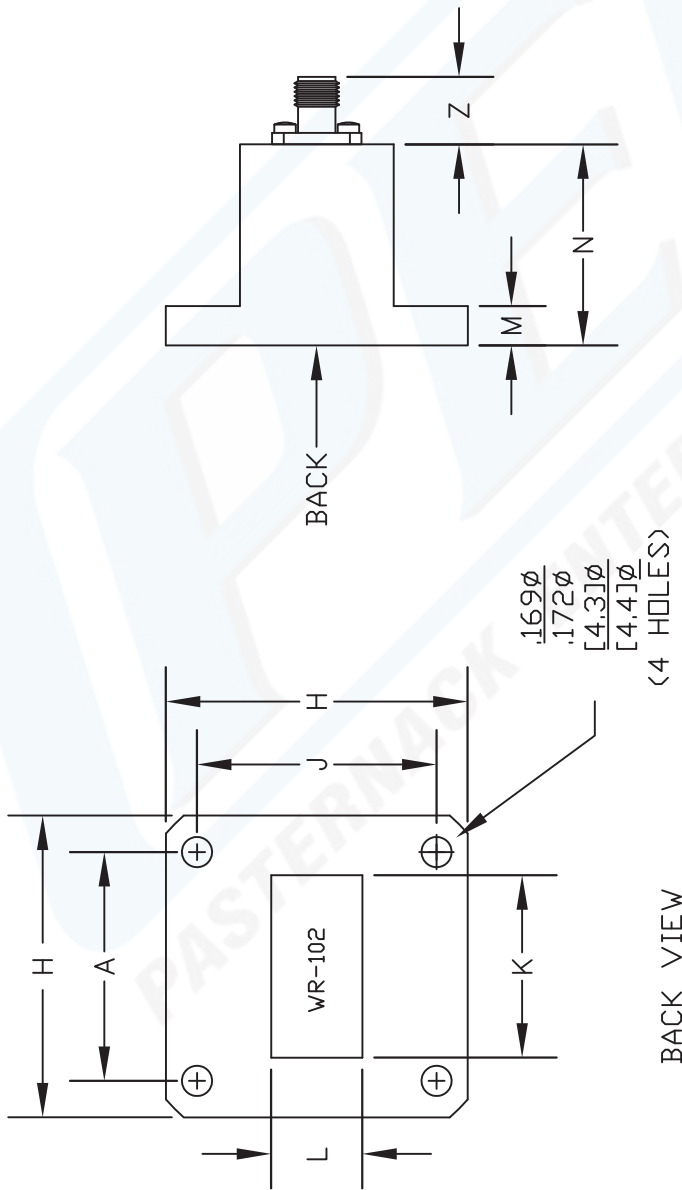
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

# PE9849 CAD Drawing

WR-102 to SMA Female Waveguide to Coax Adapter 7 GHz to 11 GHz

WR102		Inches	mm
Dimension			
A	1.280	32.51	
H	1.688	42.88	
J	1.340	34.04	
K ( $\pm 0.003$ )	1.020	25.91	
L ( $\pm 0.003$ )	0.510	12.95	

M	0.220	5.59
N	1.125	28.58
Z	0.375	9.53



DWG TITLE

**PE9849**

- 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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REV. -

FSCM NO. 53919

CAD FILE 101104

SCALE N/A

SIZE A

127