



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

TECHNICAL DATA SHEET

PE9811

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

**Configuration**

Waveguide Interface	WR-102
RF Connector	SMA Male
RF Connector Impedance	50 Ohms

**Electrical Specifications**

Frequency Range, GHz	7 to 11
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**Mechanical Specifications**

**Size**

Length, in [mm]	1.5 [38.1]
Width/Dia., in [mm]	1.68 [42.67]
Height, in [mm]	1.65 [41.91]

**Waveguide Interface**

Type	WR-102
Body Material and Plating	Aluminum

**RF Connector**

Type	SMA Male
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	8 [0.9]
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 Male 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 Male Waveguide to Coax Adapter 7 GHz to 11 GHz PE9811](http://www.pasternack.com/waveguide-to-sma-type-male-frequency-range-700-1100-ghz-pe9811-p.aspx)

URL: <http://www.pasternack.com/waveguide-to-sma-type-male-frequency-range-700-1100-ghz-pe9811-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.

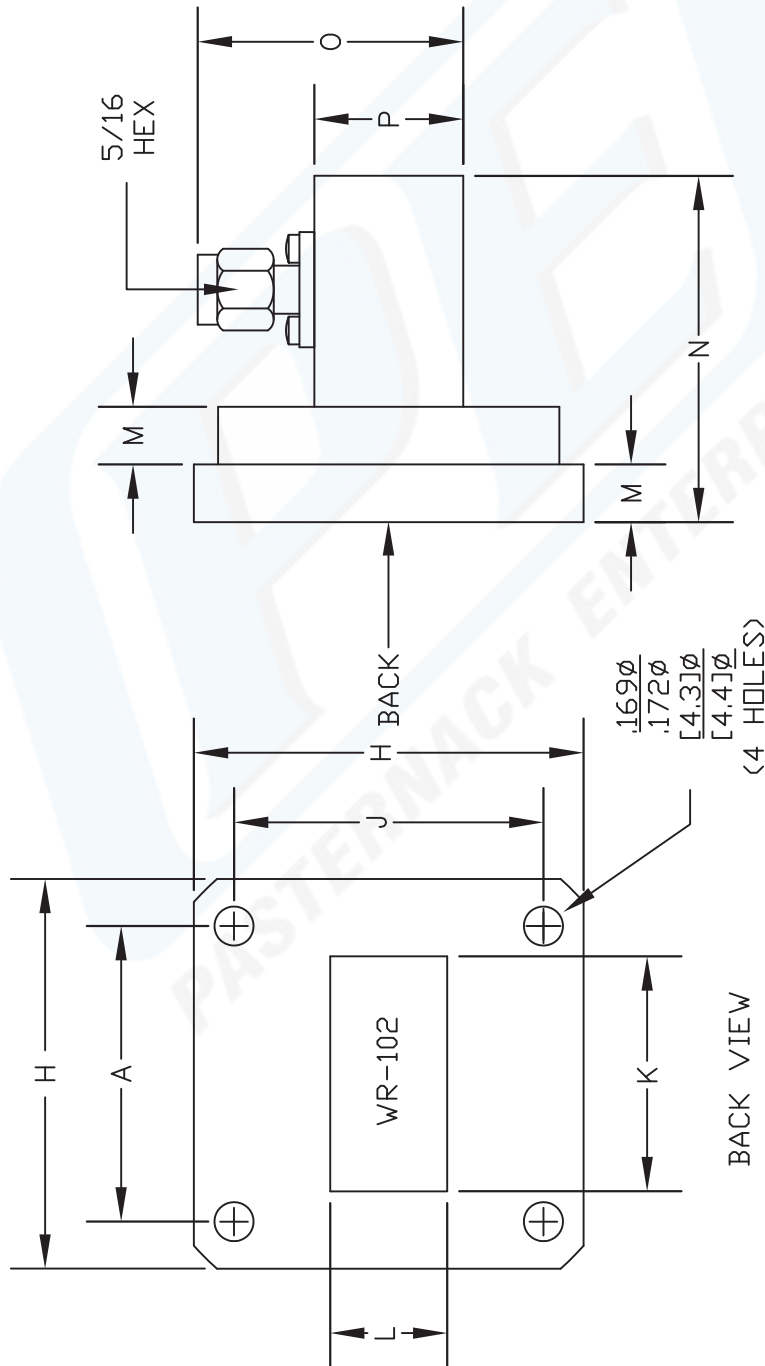


# PE9811 CAD Drawing

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

WR102		Inches	mm
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	0.250	6.35
N	1.500	38.10
O	1.150	29.21
P	0.645	16.38



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

**PE9811**

REV. -

FSCM NO. 53919

CAD FILE 121702

SCALE N/A

SIZE A

127

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**COAXIAL & FIBER OPTICS**

