



WR-112 to SMA Female Waveguide to Coax  
Adapter 7.05 GHz to 10 GHz

TECHNICAL DATA SHEET

PE9829

**WR-112 to SMA Female Waveguide to Coax Adapter 7.05 GHz to 10 GHz**

**Configuration**

Waveguide Interface	WR-112
RF Connector	SMA Female
RF Connector Impedance	50 Ohms

**Electrical Specifications**

Frequency Range, GHz	7.05 to 10
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**Mechanical Specifications**

**Size**

Length, in [mm]	1.135 [28.83]
Width/Dia., in [mm]	1.875 [47.63]
Height, in [mm]	1.875 [47.63]

**Waveguide Interface**

Type	WR-112
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
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WR-112 to SMA Female Waveguide to Coax Adapter 7.05 GHz to 10 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-112 to SMA Female Waveguide to Coax Adapter 7.05 GHz to 10 GHz PE9829](http://www.pasternack.com/wr-112-sma-female-waveguide-to-coax-adapter-7.05-ghz-to-10-ghz-pe9829)

URL: <http://www.pasternack.com/wr-112-sma-female-waveguide-coax-adapter-7.05-ghz-10-ghz-pe9829-p.aspx>

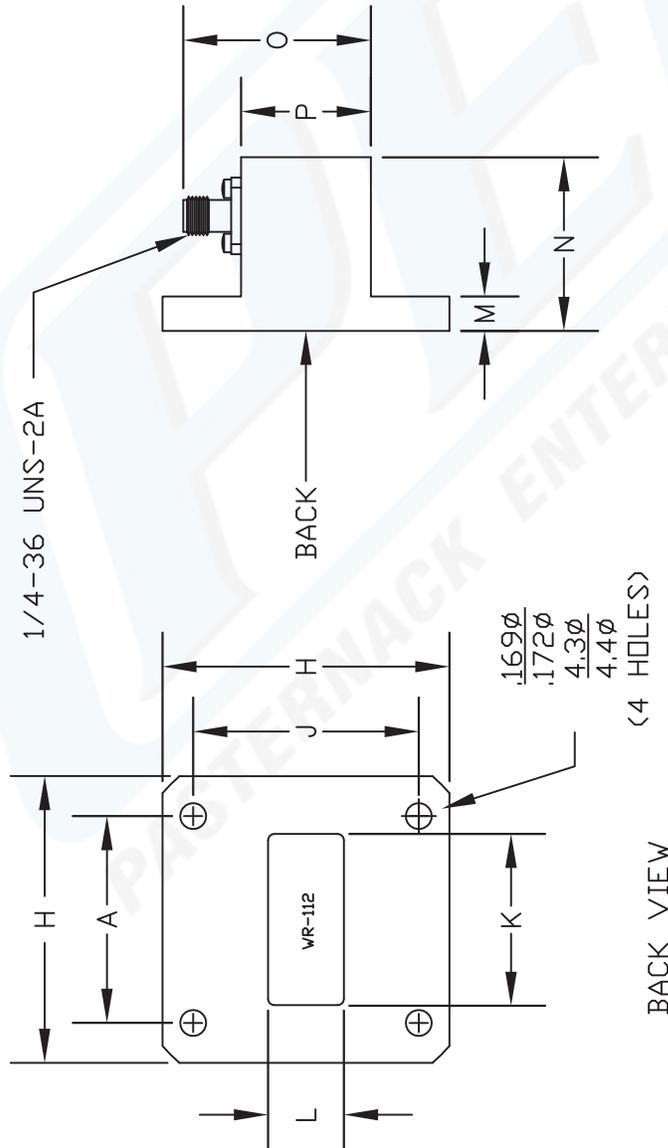
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

# PE9829 CAD Drawing

WR-112 to SMA Female Waveguide to Coax Adapter 7.05 GHz to 10 GHz

WR112			
Dimension	Inches	mm	
A	1.352	34.34	
H	1.875	47.63	
J	1.474	37.44	
K ( $\pm 0.004$ )	1.122	28.50	
L ( $\pm 0.004$ )	0.497	12.62	

M	0.225	5.72
N	1.135	28.83
O	1.225	31.12
P	0.845	21.46



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

**PE9829**

REV. -

FSCM NO. 53919

CAD FILE 121302

SCALE N/A

SIZE A

127

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**COAXIAL & FIBER OPTICS**

