



WR-51 to SMA Female Waveguide to Coax  
Adapter 15 GHz to 22 GHz

TECHNICAL DATA SHEET

PE9879

**WR-51 to SMA Female Waveguide to Coax Adapter 15 GHz to 22 GHz**

**Configuration**

Waveguide Interface	WR-51
Impedance	50 Ohms
RF Connector	SMA Female
RF Connector Impedance	50 Ohms
Body Style	End Launch

**Electrical Specifications**

Frequency Range, GHz	15 to 22
Maximum VSWR	1.45:1

**Mechanical Specifications**

**Size**

Length, in [mm]	1.16 [29.46]
Width/Dia., in [mm]	1.325 [33.66]
Height, in [mm]	1.325 [33.66]
Weight, lbs [g]	0.77 [349.27]

**Waveguide Interface**

Type	WR-51
Body Material and Plating	Aluminum

**RF Connector**

Type	SMA Female
Outer Conductor Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-51 to SMA Female Waveguide to Coax Adapter 15 GHz to 22 GHz PE9879](#)

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.





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**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-51 to SMA Female Waveguide to Coax Adapter 15 GHz to 22 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.

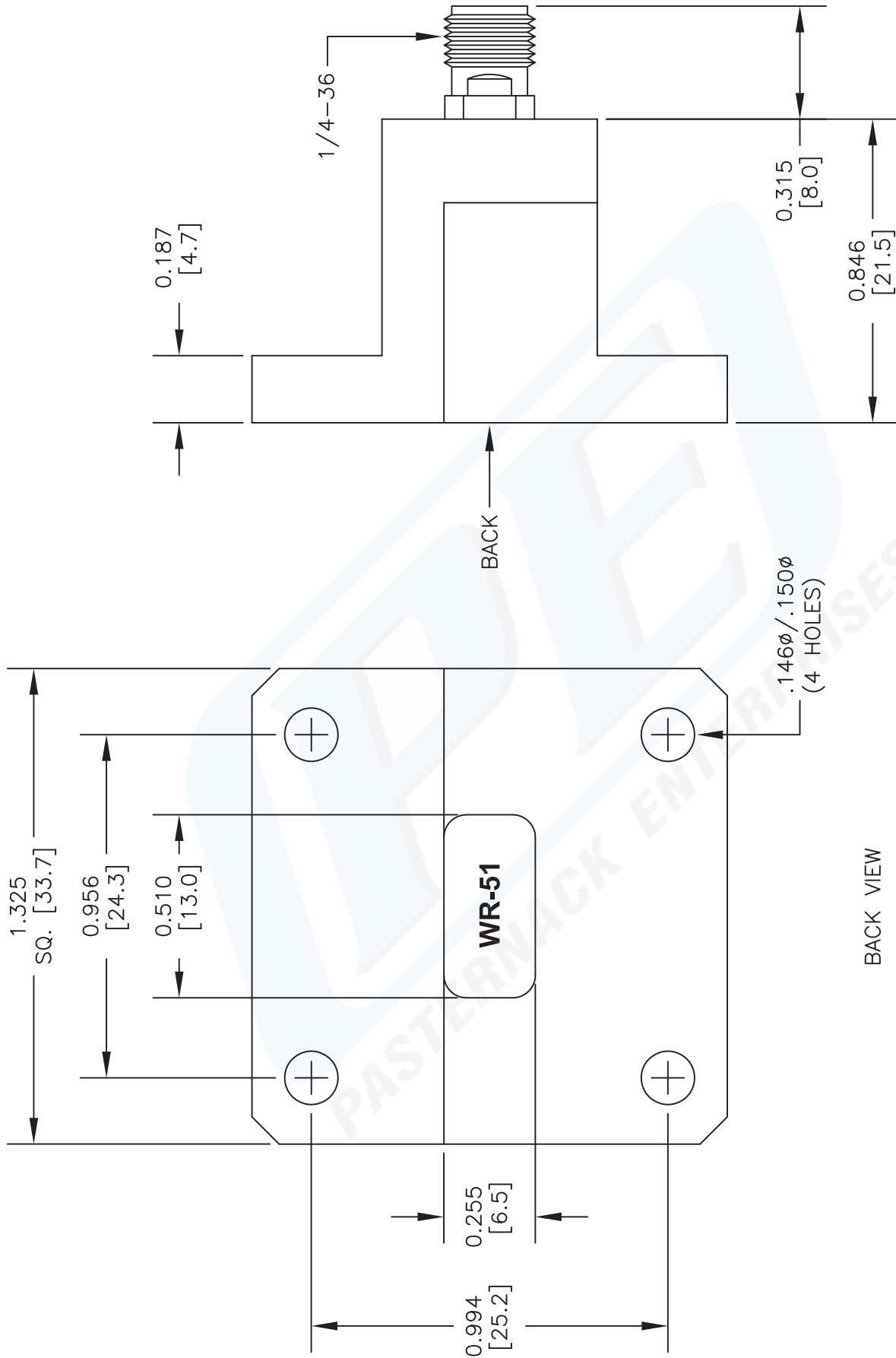
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URL: <http://www.pasternack.com/wr-51-sma-female-waveguide-coax-adapter-15-22-ghz-pe9879-p.aspx>

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# PE9879 CAD Drawing

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DWG TITLE

**PE9879**

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].

FSCM NO. 53919

CAD FILE 040413

SCALE N/A

SIZE A

2233



**PASTERNAK**  
 Pasternack Enterprises, Inc.  
 P.O. Box 16759 | Irvine | CA | 92623  
 Phone: (949) 261-1920 | Fax: (949) 261-7451  
 Website: www.pasternack.com | E-Mail: sales@pasternack.com