



WR-102 Square Type Flange to End Launch SMA Female Waveguide to Coax Adapter Operating From 7 GHz to 11 GHz

Waveguide to Coax Adapters Technical Data Sheet

PE9871

Configuration

Waveguide Size	WR-102
Flange	Square Type
RF Connector	SMA Female
Impedance	50 Ohms
Body Geometry	End Launch

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	7		11	GHz
VSWR			1.4:1	

Mechanical Specifications

Size		
Length		1.8 in [45.72 mm]
Width		1.6 in [40.64 mm]
Height		1.6 in [40.64 mm]
Weight		0.269 lbs [122.02 g]
RF Connector		
Connector Type		SMA Female
Body Material and Plating		Passivated Stainless Steel
Waveguide Interface		
Waveguide Type		WR-102
Flange Type		Square Type
Body Material and Plating		Aluminum

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

- Values at +25 °C, sea level unless stated otherwise

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-102 Square Type Flange to End Launch SMA Female Waveguide to Coax Adapter Operating From 7 GHz to 11 GHz PE9871](#)



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WR-102 Square Type Flange to End Launch SMA Female Waveguide to Coax Adapter Operating From 7 GHz to 11 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

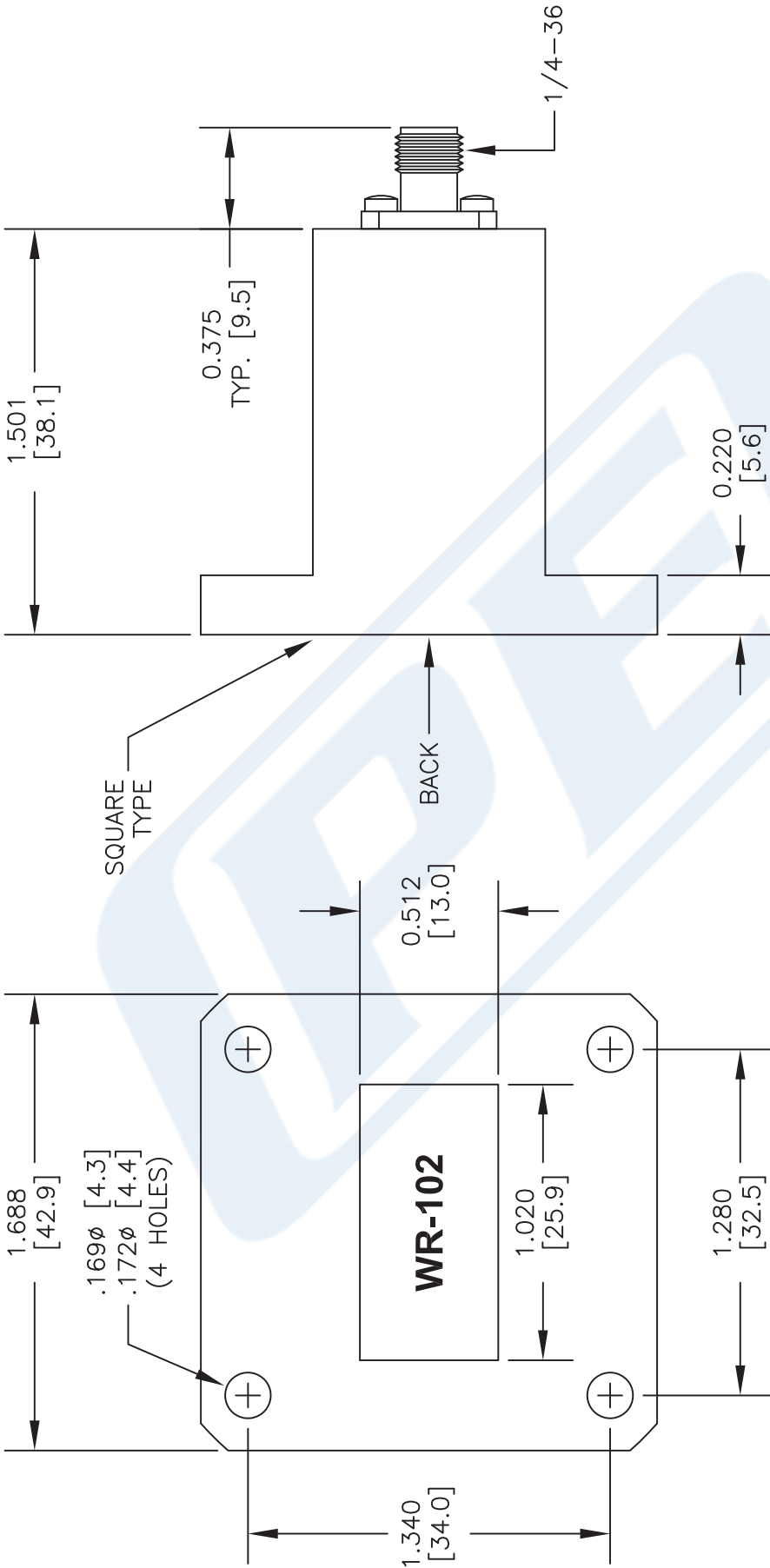
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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE9871 CAD Drawing

WR-102 Square Type Flange to End Launch SMA Female Waveguide
to Coax Adapter Operating From 7 GHz to 11 GHz



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

- 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
PE9871

CAGE CODE 53919

CAD FILE 060717

SCALE N/A

SIZE A

2233

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