



WR-137 to N Female Grooved Waveguide to
Coax Adapter 5.85 GHz to 8.2 GHz

TECHNICAL DATA SHEET

PE9876

Configuration

Waveguide Interface	WR-137
Flange Design	Grooved
RF Connector	N Female
RF Connector Impedance	50 Ohms

Electrical Specifications

Frequency Range, GHz	5.85 to 8.2
Maximum VSWR	1.3:1

Mechanical Specifications

Size

Length, in [mm]	2.281 [57.94]
Width/Dia., in [mm]	2.29 [58.17]
Height, in [mm]	1.35 [34.29]
Weight, lbs [g]	0.191 [86.64]

Waveguide Interface

Type	WR-137
Body Material and Plating	Aluminum

RF Connector

Type	N Female
Body Material and Plating	Stainless Steel

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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WR-137 to N Female Grooved Waveguide to Coax Adapter 5.85 GHz to 8.2 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-137 to N Female Grooved Waveguide to Coax Adapter 5.85 GHz to 8.2 GHz PE9876](http://www.pasternack.com/wr-137-n-female-waveguide-coax-adapter-5.85-8.2-ghz-grooved-pe9876-p.asp)

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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.

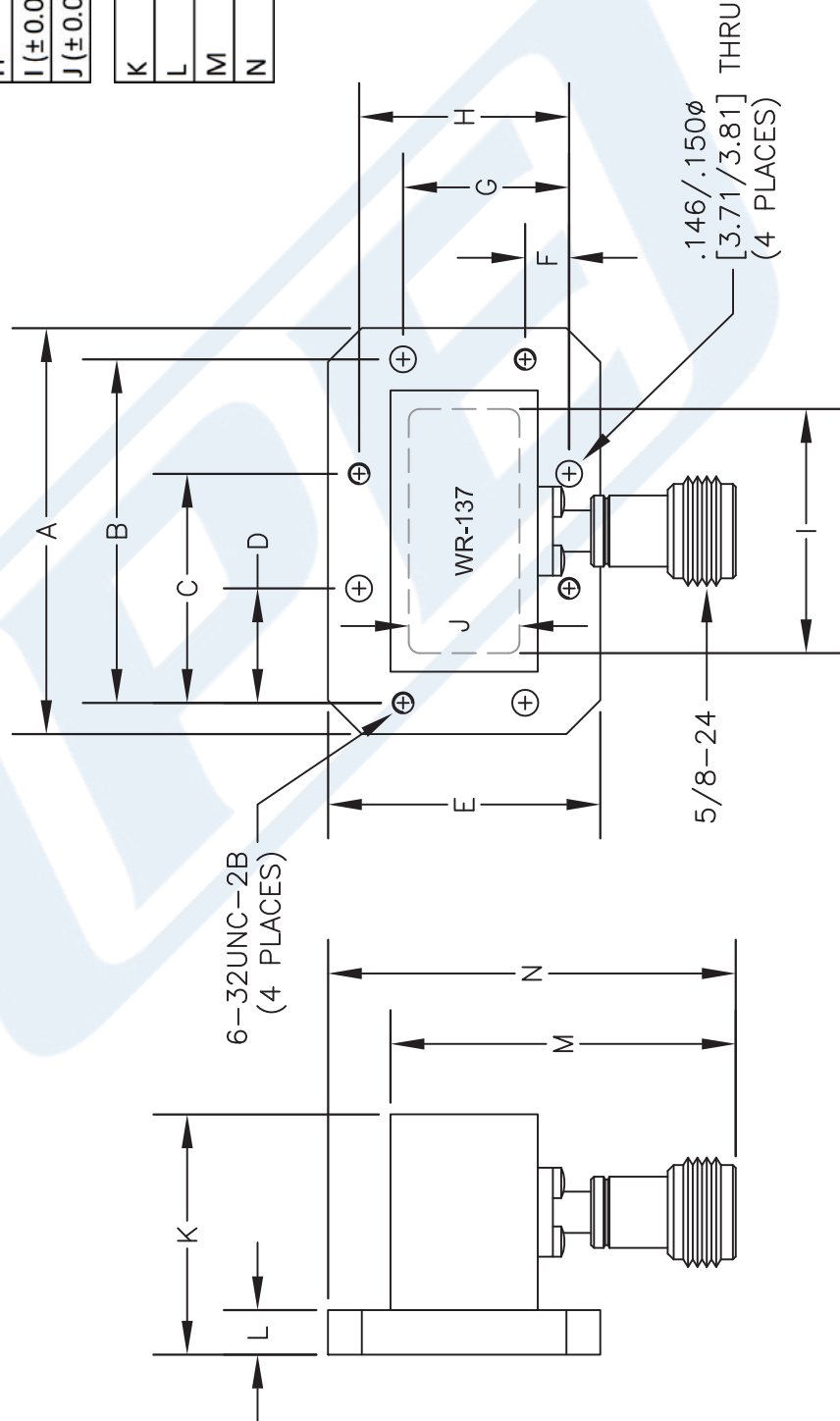


PE9876 CAD Drawing

WR-137 to N Female Grooved Waveguide to Coax Adapter 5.85 GHz to 8.2 GHz

WR137		Dimension	Inches	mm
A			2.281	57.94
B			1.930	49.02
C			1.287	32.69
D			0.643	16.33
E			1.530	38.86
F			0.247	6.27
G			0.933	23.70
H			1.180	29.97
I (± 0.004)			1.372	34.85
J (± 0.004)			0.622	15.80

K			1.350	34.29
L			0.250	6.35
M			1.940	49.28
N			2.290	58.17



DWG TITLE

PE9876

FSCM NO. 53919

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].

CAD FILE 022014

SCALE N/A

SIZE A

2233

(PE) PASTERNAK®
 THE ENGINEER'S RF SOURCE

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