

**WR-137 Waveguide H-Bend Commercial Grade
 Using CPR-137G Flange With a 5.85 GHz to 8.2 GHz
 Frequency Range**

Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	5.85		8.2	GHz
VSWR			1.08:1	
Insertion Loss		0.15		dB

* Values at 25°C, sea level

Mechanical Specifications

Waveguide Size
 Waveguide Design

WR-137
 Commercial Grade

Flange 1

Interface
 Material
 Plating

CPR-137G
 Copper Alloy
 Paint

Waveguide

Interface
 Material
 Plating

WR-137
 Copper Alloy
 Paint

Flange 2

Interface
 Material
 Plating

CPR-137G
 Copper Alloy
 Paint

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

Plotted and Other Data

Notes:

- Values at 25 °C, sea level



Fairview Microwave
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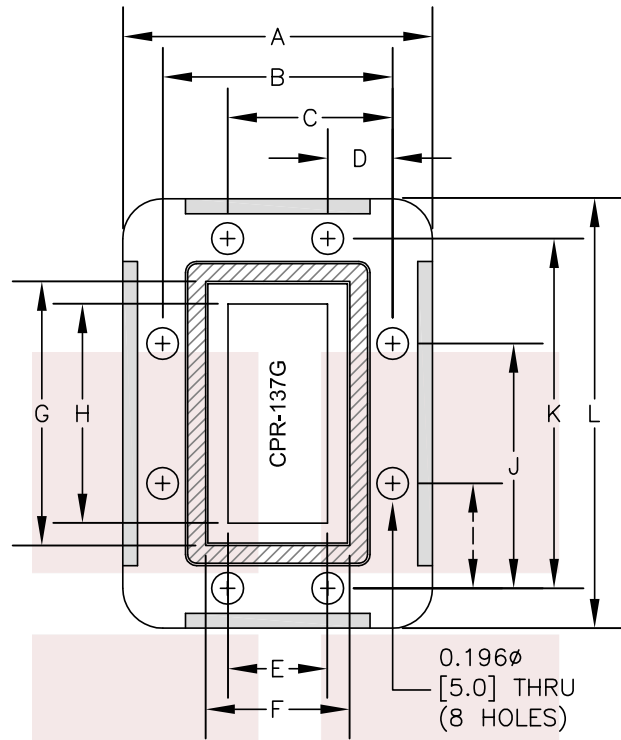
WR-137 Waveguide H-Bend Commercial Grade Using CPR-137G Flange With a 5.85 GHz to 8.2 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-137 Waveguide H-Bend Commercial Grade Using CPR-137G Flange With a 5.85 GHz to 8.2 GHz Frequency Range SMF137HBA](#)

URL: <http://www.fairviewmicrowave.com/wr-137-waveguide-h-bend-cpr-137g-flange-5.85-8.2-ghz-smf137hba-p.aspx>

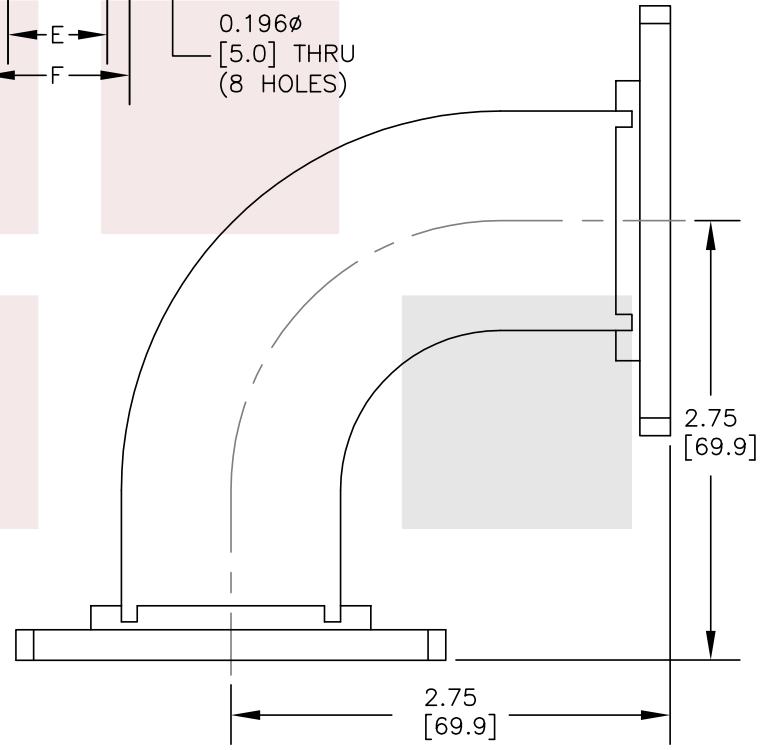
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to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





CPR-137G		
Dimension	Inches	mm
A	1.937	49.20
B	1.436	36.47
C	1.029	26.14
D	0.404	10.26
E	0.622	15.80
F	0.872	22.15
G	1.622	41.20
H	1.372	34.85
I	0.654	16.61
J	1.529	38.84
K	2.186	55.52
L	2.687	68.25

0.196 ϕ
[5.0] THRU
(8 HOLES)



FAIRVIEW MICROWAVE INC.
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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].

TITLE
WR-137 Waveguide H-Bend Commercial Grade
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Frequency Range

DWG NO SMF137HBA		CAGE CODE 3FKR5		
CAD FILE	062714	SHEET	SCALE	N/A
			SIZE	A 150