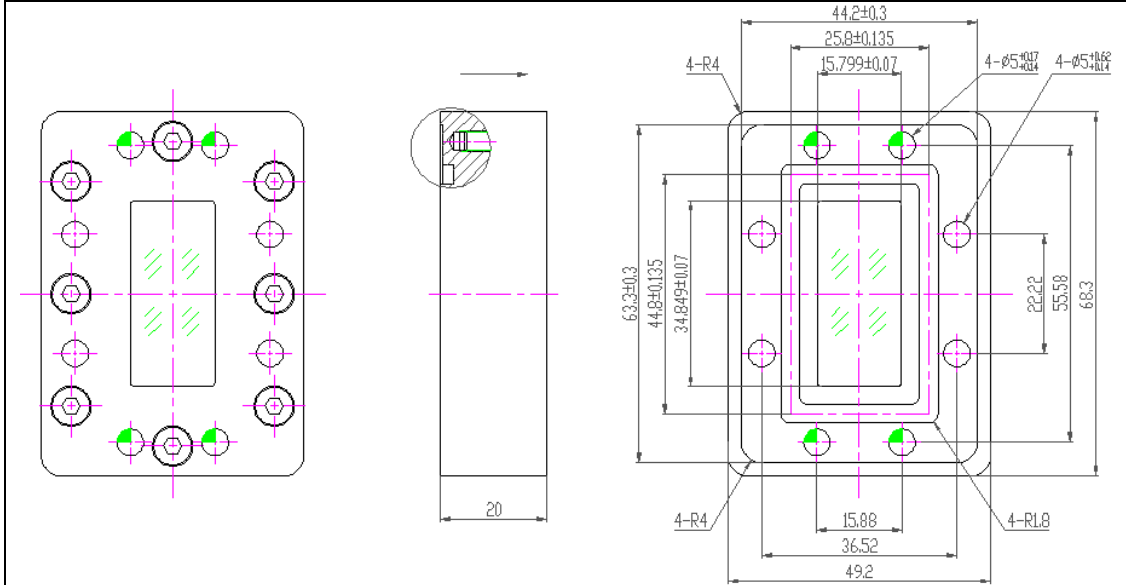


## Waveguide Pressure Window

Part No: VT70WPW20PMC

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide Type	WR137
1.2	Flange Type	FDP70 (Cover)/FDM70 (Grooved)
1.3	Material	Copper
1.4	Inside Finish	Silver plating
1.5	Outside Finish	Anticorrosion grey paint
1.6	Pressure	0.1 MPa
1.7	Accessory	Gasket mated with FDM70
<b>2.0</b>	<b>Electrical Specifications</b>	
2.1	Frequency Range	5.38-8.17 GHz
2.2	VSWR (Max)	1.25
2.3	Insertion Loss (Max)	0.2 dB
2.4	Power Handling	600 W (CW), 500 KW (Peak)
<b>3.0</b>	<b>Outline Drawing</b>	
 <p>The drawing includes three views: a top view on the left showing a rectangular plate with a central groove and 12 mounting holes; a side view in the middle showing a thickness of 20; and a detailed front view on the right showing dimensions such as 44.2±0.3, 25.8±0.135, 15.799±0.07, 63.8±0.3, 44.8±0.135, 34.849±0.07, 22.22, 55.58, 68.3, 15.88, 36.52, 49.2, 4-R4, 4-Ø5.106, and 4-Ø5.1062.</p>		



## Revision History

Date	Revision	Changes
25-Mar-2006	1	First release

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