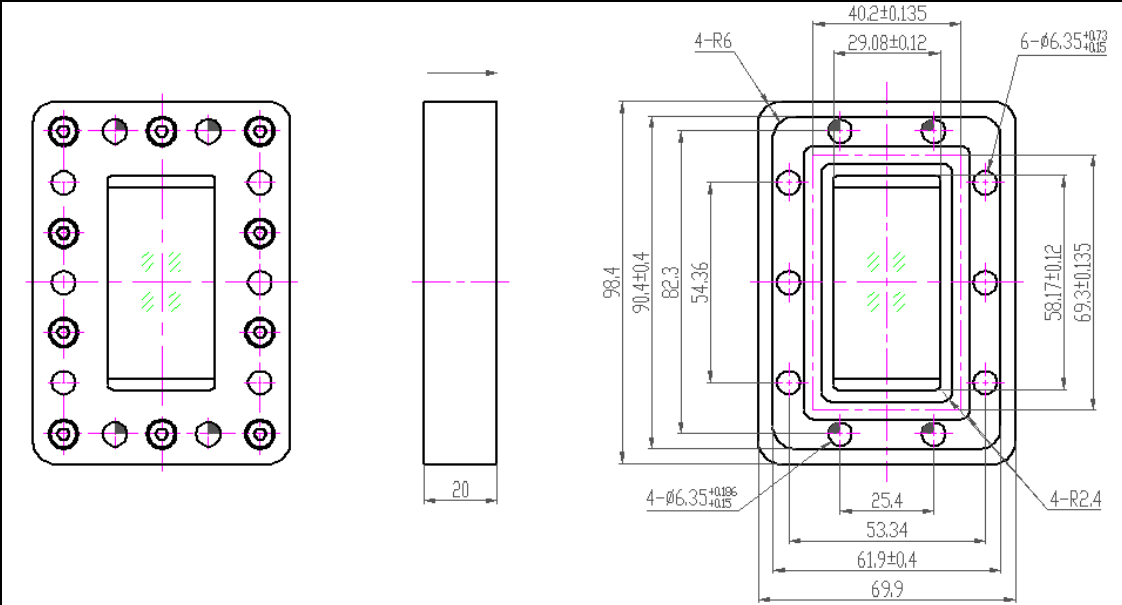


## Waveguide Pressure Window

Part No: VT40WPW20PMA

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide Type	WR229
1.2	Flange Type	FDP40 (Cover)/FDM40 (Grooved)
1.3	Material	Aluminum
1.4	Inside Finish	Chromate conversion
1.5	Outside Finish	Anticorrosion grey paint
1.6	Pressure	0.1 MPa
1.7	Accessory	Gasket mated with FDM40
<b>2.0</b>	<b>Electrical Specifications</b>	
2.1	Frequency Range	3.22-4.90 GHz
2.2	VSWR (Max)	1.25
2.3	Insertion Loss (Max)	0.2 dB
2.4	Power Handling	1.5 KW (CW), 1.2 MW (Peak)
<b>3.0</b>	<b>Outline Drawing</b>	
 <p>The drawing includes three views: a front view showing a rectangular flange with 12 mounting holes (4 on each side) and a central window; a side view showing a thickness of 20; and a detailed front view with dimensions: overall width 69.9, overall height 98.4, inner window width 40.2±0.135, inner window height 58.17±0.12, and various hole positions and radii (R6, R2.4) and hole diameters (6-Ø6.35±0.028).</p>		



## Revision History

Date	Revision	Changes
25-Mar-2006	1	First release

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