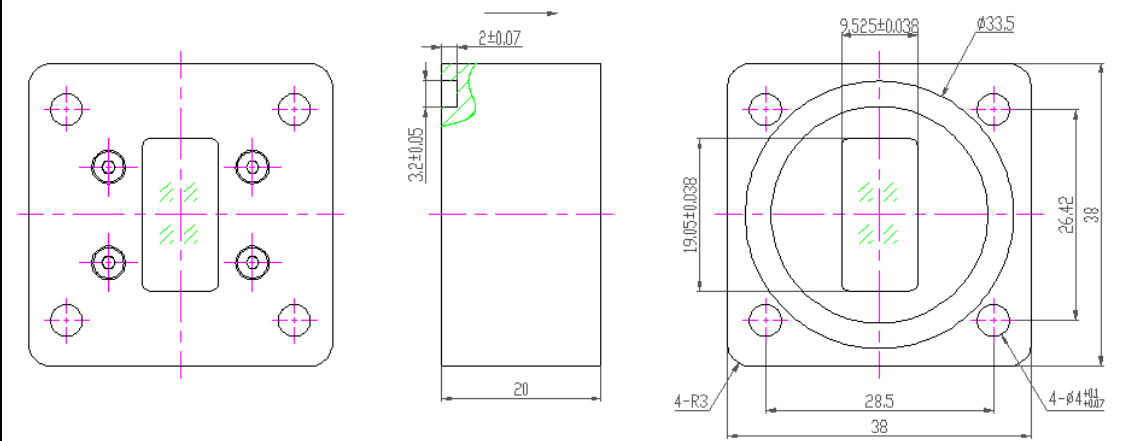


Waveguide Pressure Window

Part No: VT120WPW20PMC

1.0	Mechanical Specifications	
1.1	Waveguide Type	WR75
1.2	Flange Type	FBP120 (Cover)/FBM120 (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 FBM120
2.0	Electrical Specifications	
2.1	Frequency Range	9.84-15.0 GHz
2.2	VSWR (Max)	1.25
2.3	Insertion Loss (Max)	0.2 dB
2.4	Power Handling	300 W (CW), 50 KW (Peak)
3.0	Outline Drawing	
 <p>The drawing consists of three views of the Waveguide Pressure Window:</p> <ul style="list-style-type: none"> Top View: Shows a square flange with a central rectangular waveguide opening. The flange has four mounting holes, one in each corner. The central opening is shaded with green diagonal lines. Side View: Shows the profile of the flange. The total width is 20. The thickness of the flange is 3.2±0.05. The thickness of the central waveguide opening is 2±0.07. Front View: Shows the outer dimensions of the flange. The total width is 38. The total height is 38. The distance between the centers of the four mounting holes is 28.5. The distance from the center of the waveguide opening to the center of the mounting holes is 9.525±0.038. The diameter of the mounting holes is φ33.5. The distance from the center of the waveguide opening to the inner edge of the flange is 19.05±0.038. The distance from the center of the waveguide opening to the outer edge of the flange is 26.42. The corner radius is 4-R3. The mounting holes are specified as 4-φ4^{H1}/_{0.07}. 		

Revision History

Date	Revision	Changes
25-Mar-2006	1	First release

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