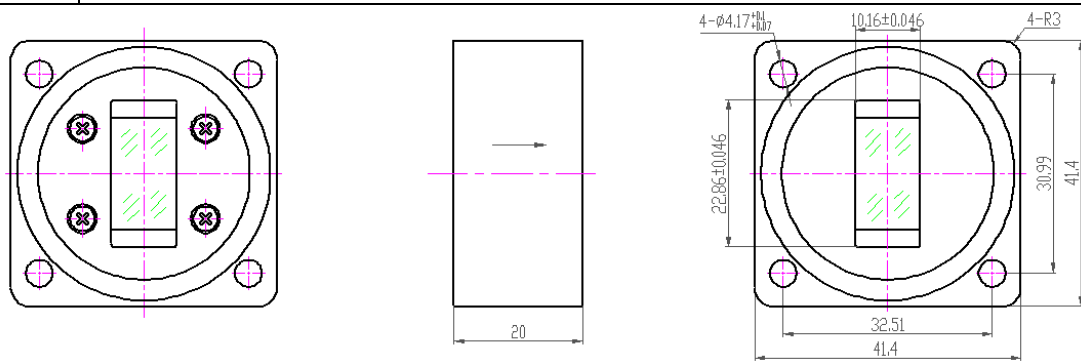


Waveguide Pressure Window

Part No: VT100WPW20PMC

PART NO: V-100W-W20-MS		
1.0	Mechanical Specifications	
1.1	Waveguide Type	WR90
1.2	Flange Type	FBP100 (Cover)/FBM100 (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 FBM100
2.0	Electrical Specifications	
2.1	Frequency Range	8.2-12.4 GHz
2.2	VSWR (Max)	1.25
2.3	Insertion Loss (Max)	0.2 dB
2.4	Power Handling	500 W (CW), 80 KW (Peak)
3.0	Outline Drawing	



The drawing consists of three views: a front view on the left, a side view in the middle, and a top view on the right. The front view shows a square flange with a central rectangular waveguide opening. The side view shows the profile of the flange with a width of 20. The top view shows the flange with four mounting holes and various dimensions: 4-Ø4.17^{+0.017}/_{-0.017}, 10.16±0.046, 4-R3, 22.86±0.046, 30.99, 41.4, 32.51, and 41.4.

Date	Revision	Changes
25-Mar-2006	1	First release

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