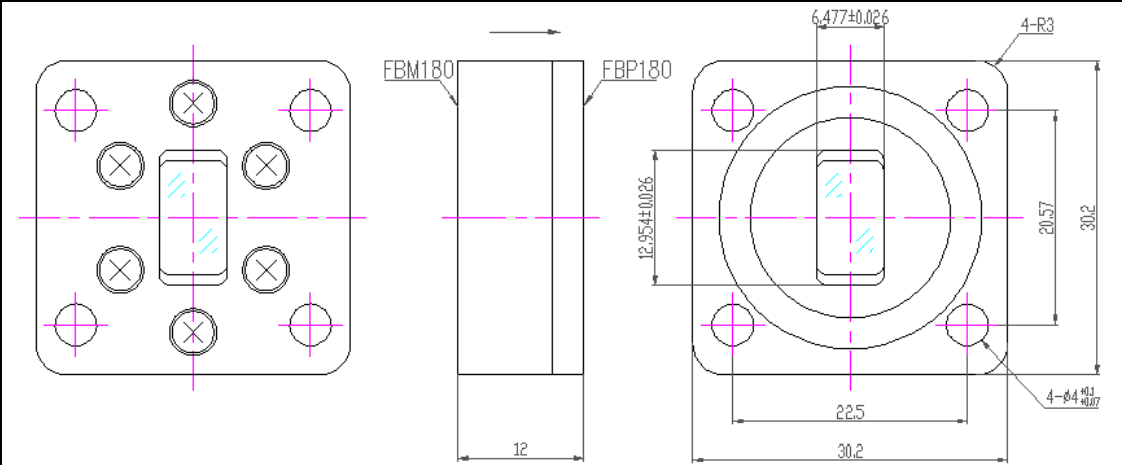


Waveguide Pressure Window

Part No: VT180WPW12PMC

1.0	Mechanical Specifications	
1.1	Waveguide Type	WR51
1.2	Flange Type	FBP180 (Cover)/FBM180 (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 FBM180
2.0	Electrical Specifications	
2.1	Frequency Range	14.5-22.0 GHz
2.2	VSWR (Max)	1.25
2.3	Insertion Loss (Max)	0.2 dB
2.4	Power Handling	200 W (CW), 3 KW (Peak)
3.0	Outline Drawing	
 <p>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 rectangular component with a central slot and eight mounting holes. The side view shows the component's thickness of 12 units. The top view shows a square flange with a central slot, four mounting holes, and various dimensions: 6.477±0.026 for the slot width, 12.954±0.026 for the slot depth, 22.5 for the distance between mounting holes, 20.57 for the distance from the center to the hole center, 30.2 for the overall width, and 4-R3 for the corner radius. The flange is labeled FBP180 and the central slot is labeled FBM180. The mounting holes are specified as 4-Ø4^{+0.1}/_{+0.07}.</p>		

Revision History

Date	Revision	Changes
25-Mar-2006	1	First release

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