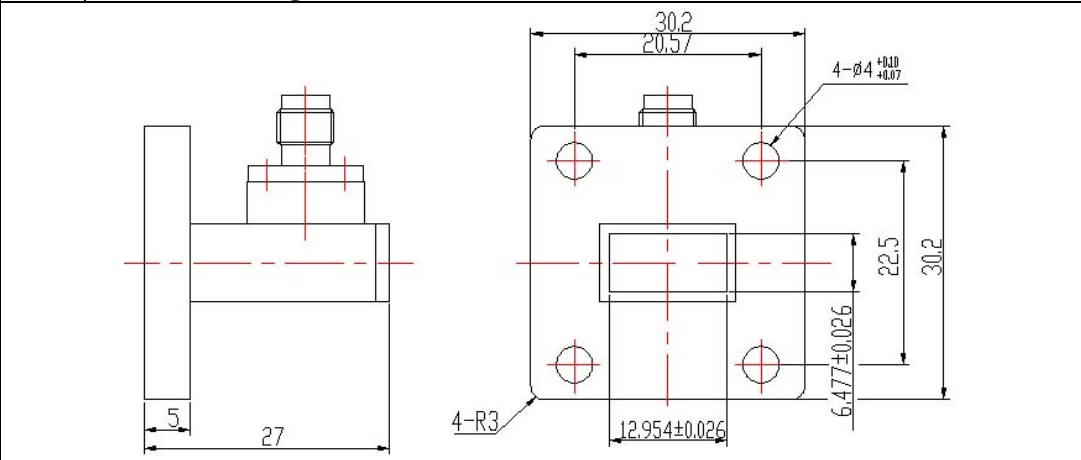


Waveguide to Coaxial Adapter

Part No: VT180WCASKPC

1.0 Mechanical Specifications		
1.1	Waveguide type	WR51
1.2	Flange type	FBP180 (Cover)
1.3	Connector type	SMA Female
1.4	Material	Copper
1.5	Inside finish	Silver plating
1.6	Outside finish	Anticorrosion grey paint
2.0 Electrical Specifications		
2.1	Frequency range	14.5-22 GHz
2.2	VSWR (Max)	1.25
3.0 Outline Drawings		
 <p>The drawing consists of two views: a side view on the left and a front view on the right. The side view shows a vertical waveguide section with a diameter of 5 and a total length of 27. The front view shows a rectangular flange with a total width of 30.2 and a total height of 30.2. The distance between the centers of the four mounting holes is 20.57. The diameter of each hole is $4-\varnothing 4^{+0.10}_{+0.07}$. The distance from the bottom edge to the center of the holes is 22.5. The distance from the bottom edge to the center of the SMA connector is 6.477 ± 0.026. The distance from the center of the SMA connector to the center of the holes is 12.954 ± 0.026. The corners of the flange are chamfered with a radius of $4-R3$.</p>		



Revision History

Date	Revision	Changes
16-Mar-2006	1	First release

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