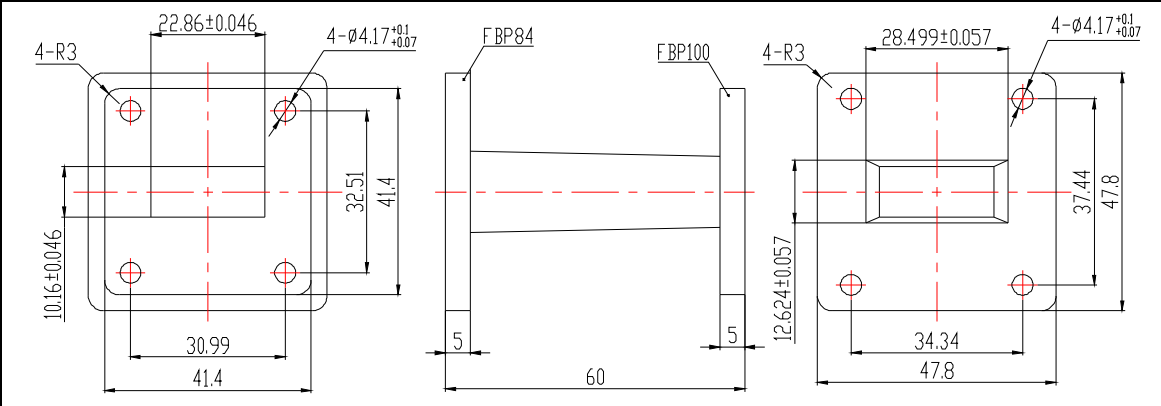


Waveguide Transition

Part No: VT84100WA100PPC

1.0	Mechanical Specifications	
1.1	Waveguide Type	WR112 to WR90
1.2	Flange Type	FBP84/FBP100 (Cover)
1.3	Material	Copper
1.4	Inside Finish	Silver plating
1.5	Outside Finish	Anticorrosion black paint
1.6	Length	L=100 mm
2.0	Electrical Specifications	
2.1	Frequency Range	8.2-9.99 GHz
2.2	VSWR (Max)	1.10
2.3	Insertion loss (Max)	0.2 dB
3.0	Outline Drawings	
 <p>The drawings show the mechanical specifications of the waveguide transition. The front view (left) shows a rectangular component with a width of 41.4 mm and a height of 41.4 mm. It features four mounting holes with a diameter of $4.17^{+0.01}_{-0.007}$ mm and a center-to-center distance of 30.99 mm. The distance from the top edge to the center of the holes is 22.86 \pm 0.046 mm. The distance from the bottom edge to the center of the holes is 32.51 mm. The distance from the left edge to the center of the holes is 10.16 \pm 0.046 mm. The side view (middle) shows a length of 60 mm and a thickness of 5 mm. The rear view (right) shows a width of 47.8 mm and a height of 47.8 mm. It features four mounting holes with a diameter of $4.17^{+0.01}_{-0.007}$ mm and a center-to-center distance of 34.34 mm. The distance from the top edge to the center of the holes is 28.499 \pm 0.057 mm. The distance from the bottom edge to the center of the holes is 37.44 mm. The distance from the left edge to the center of the holes is 12.624 \pm 0.057 mm. The drawings also indicate a 4-R3 chamfer on the top and bottom edges and labels for the FBP84 and FBP100 flange types.</p>		



Revision History

Date	Revision	Changes
20-Apr-2010	1	First release

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