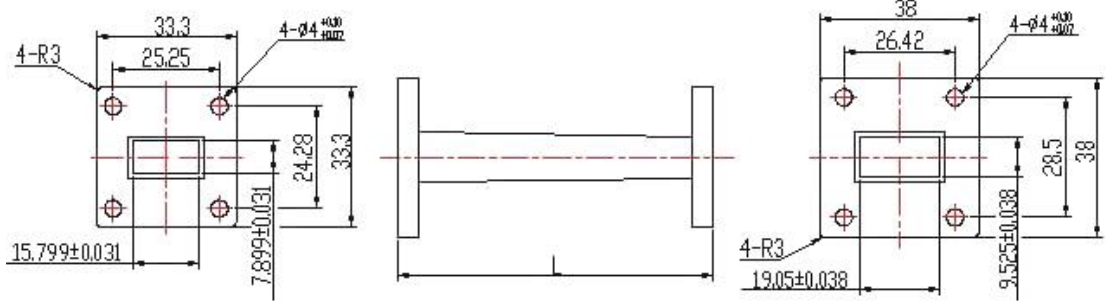


Waveguide Transition

Part No: VT120140WA75PPC

1.0	Mechanical Specifications	
1.1	Waveguide type	WR75 to WR62
1.2	Flange type	FBP120(Cover)/FBP140(Grooved)
1.3	Material	Copper
1.4	Inside finish	Silver plating
1.5	Outside finish	Anticorrosion grey paint
1.6	Length	L=75 mm
2.0	Electrical Specifications	
2.1	Frequency range	11.9-15 GHz
2.2	VSWR (Max)	1.10
3.0	Outline Drawings	
 <p>The technical drawings show three views of the waveguide transition: a front view, a side view, and a rear view. The front view shows a rectangular component with a central groove. Dimensions include a total width of 33.3 mm, a distance of 25.25 mm from the left edge to the center of the groove, and a total height of 33.3 mm. There are four holes, each with a diameter of 4-Ø4^{+0.03}/_{-0.02}. The distance between the holes is 15.799±0.031 mm. The distance from the bottom edge to the center of the holes is 7.899±0.031 mm. The distance from the bottom edge to the center of the groove is 24.28 mm. The side view shows the length of the component, which is 75 mm. The rear view shows the component with a total width of 38 mm and a distance of 26.42 mm from the left edge to the center of the groove. The total height is 38 mm. There are four holes, each with a diameter of 4-Ø4^{+0.03}/_{-0.02}. The distance between the holes is 19.05±0.038 mm. The distance from the bottom edge to the center of the holes is 9.525±0.038 mm. The distance from the bottom edge to the center of the groove is 28.5 mm. All views show a 4-R3 chamfer on the corners.</p>		



Revision History

Date	Revision	Changes
20-Mar-2006	1	First release

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