



Waveguide Short Plate

HD Part No: HD-14WSA

<b>1.0</b>	<b>Mechanical Specifications</b>	
1.1	Waveguide type	WR650
1.1	Flange type	FDP14
1.2	Basis-material	Aluminum
1.3	Finish	Chromate conversion
1.4	Thickness	L=12mm
1.5	Temperature range	-40°C ~ +70°C
<b>2.0 Electrical Specifications</b>		
2.1	Frequency Range	1.13-1.73GHz
2.2	Min. VSWR	60:1
<b>3.0</b>	<b>Outline Drawing</b>	

The drawing shows a side view of a rectangular plate with a thickness of 12 mm. The top view shows a rectangular shape with overall dimensions of 138.1 mm by 220.7 mm. The inner rectangular area has dimensions of 117.38 mm by 200 mm. There are 6 holes in total, arranged in two rows of three. The top row of holes has a diameter of  $6-\phi 8^{+0.060}_{+0.280}$ . The bottom row of holes has a diameter of  $4-\phi 8^{+0.316}_{+0.280}$ . The distance between the center of the top hole and the center of the bottom hole is 120.6 mm. The distance between the center of the left hole and the center of the right hole is 63.46 mm. The corners of the plate are rounded with a radius of 4-R8.



**Revision History**

Date	Revision	Changes
23-Oct-2009	1	First release

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