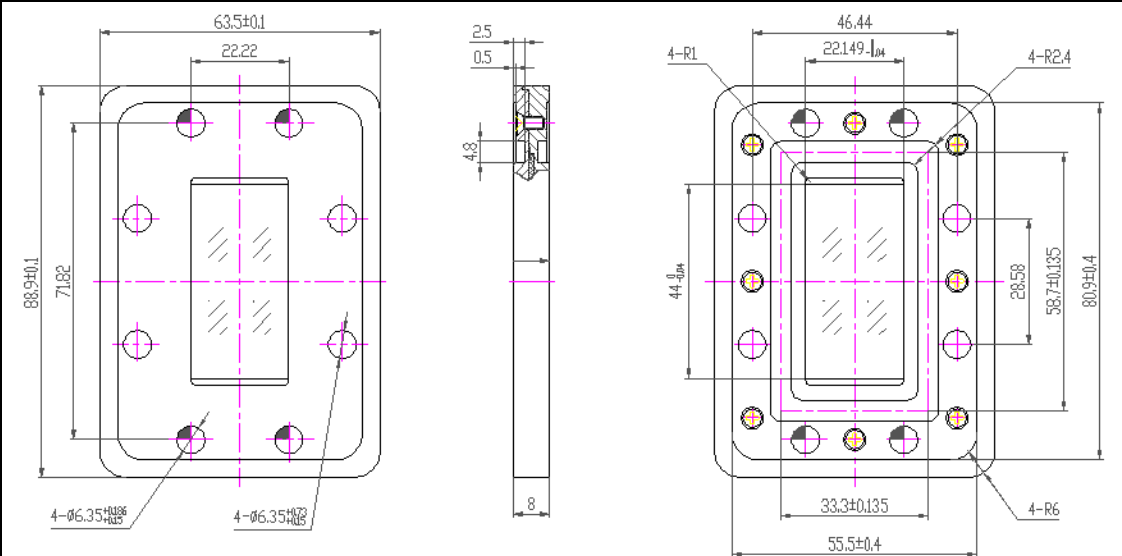


Waveguide Pressure Window

Part No: VT48WPW8PMA

1.0	Mechanical Specifications	
1.1	Waveguide Type	WR187
1.2	Flange Type	FDP48 (Cover)/FDM48 (Grooved)
1.3	Material	Aluminum
1.4	Inside Finish	Chromate conversion
1.5	Outside Finish	Anticorrosion grey paint
1.6	Pressure	0.1 MPa
1.7	Accessory	Gasket mated with FDM48
2.0	Electrical Specifications	
2.1	Frequency Range	3.94-5.99 GHz
2.2	VSWR (Max)	1.25
2.3	Insertion Loss (Max)	0.2 dB
2.4	Power Handling	1 KW (CW), 1 MW (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 detailed front view on the right. The front view shows a rectangular component with a central rectangular cutout and four circular mounting holes. Dimensions include an overall width of 63.5±0.1, an inner width of 22.22, and an overall height of 88.9±0.1. The side view shows a thickness of 2.5 with a 0.5 chamfer and a 4.8 chamfer on the top edge. The detailed front view shows a width of 46.44 and a height of 80.9±0.4. It includes four corner radii: 4-R1, 4-R2.4, and 4-R6. Other dimensions include 22.149±0.04, 44.0±0.04, 28.58, 58.7±0.135, 33.3±0.135, 55.5±0.4, and 71.82. Four mounting holes are specified as 4-Ø6.35±0.02.</p>		



Revision History

Date	Revision	Changes
25-Mar-2006	1	First release

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Email: sales@vectortele.com

www.vectortele.com

Vector Telecom Pty Ltd

Level 40, 140 William Street, Melbourne VIC 3000, Australia
Tel: +61 3 9607 8357 - Fax: +61 3 9607 8282 - www.vectortele.com