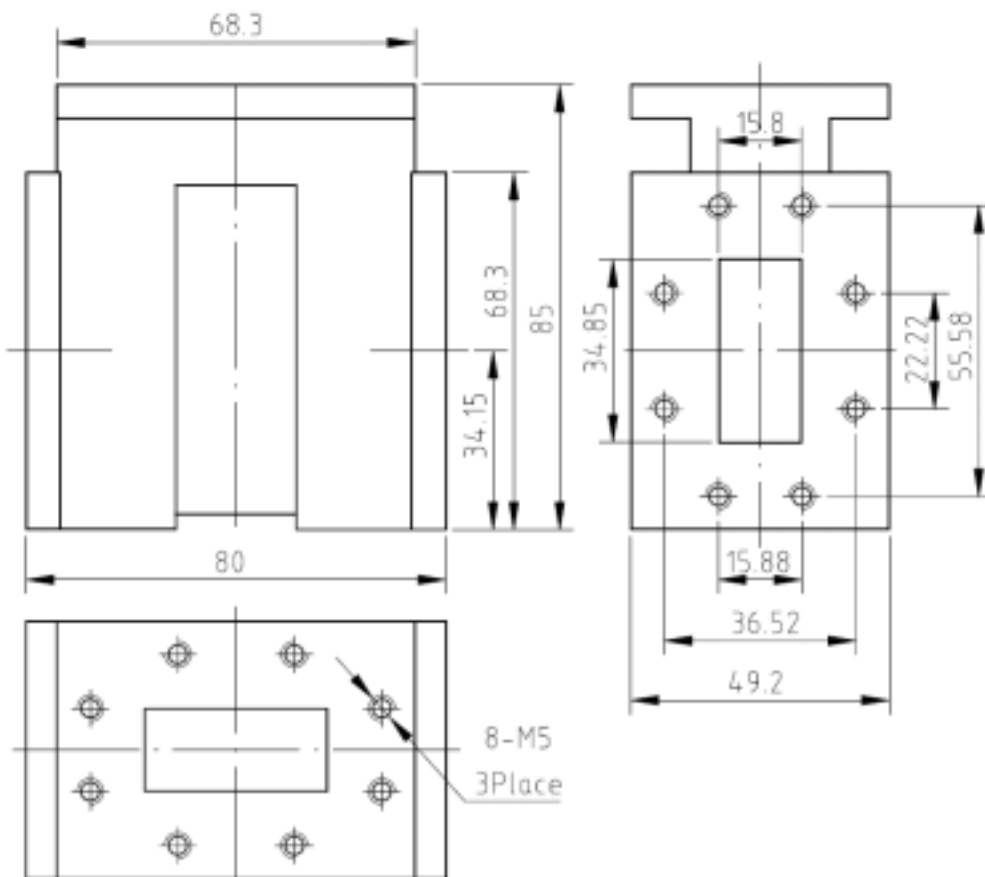


## Waveguide Circulator

Part No: VT70WCICPA

<b>1.0 Mechanical Specifications</b>	
1.1	Waveguide type WR137
1.2	Flange type FDP70 (Cover)
1.3	Material Aluminum
1.4	Inside finish Chromate conversion
1.5	Outside finish Corrosion protected with grey paint
<b>2.0 Electrical Specifications</b>	
2.1	Frequency Range 7.375-7.750 GHz
2.2	VSWR (Max) 1.20
2.3	Insertion loss (Max) 0.3 dB
2.4	Isolation (Min) 25 dB
2.5	Power handling 1 W (CW)
<b>3.0 Outline Drawings</b>	
 <p>The drawings show the following dimensions:</p> <ul style="list-style-type: none"> <li>Front view: Total width 80, top flange width 68.3, central cavity width 68.3, total height 85, mounting flange height 34.15.</li> <li>Side view: Total height 55.58, mounting flange height 34.85, top flange width 15.8, central cavity width 36.52, mounting flange width 49.2.</li> <li>Top view: Shows 8-M5 mounting holes arranged in a 3-2-3 pattern. A note indicates '8-M5 3Place'.</li> </ul>	



## Revision History

Date	Revision	Changes
17-Mar-2007	1	First release

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