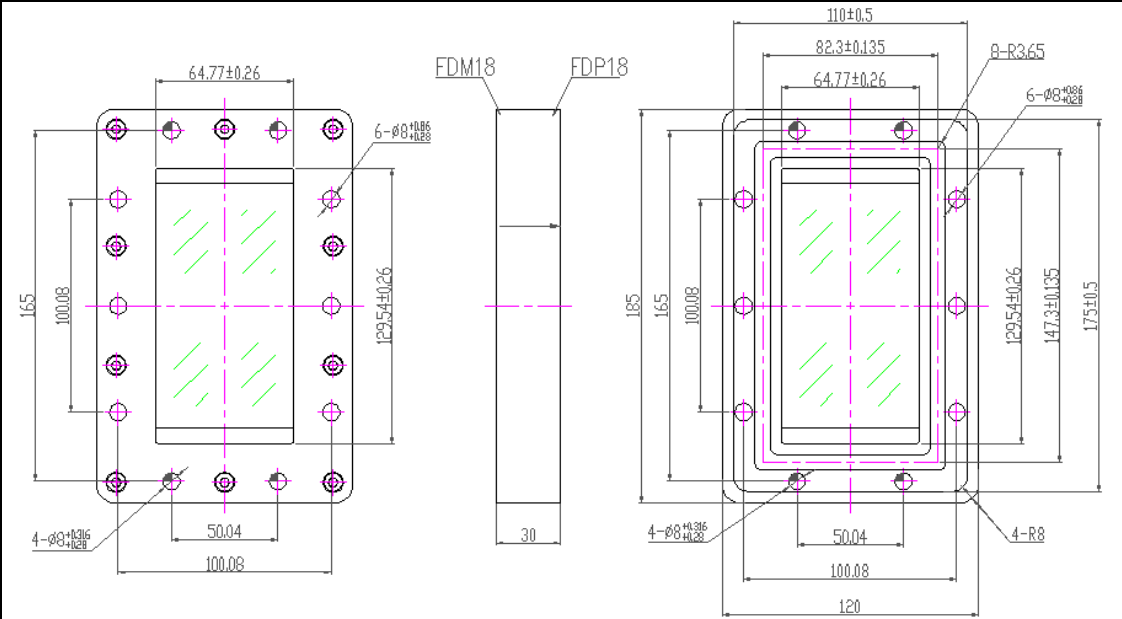


Waveguide Pressure Window

Part No: VT18WPW30PMA

1.0	Mechanical Specifications	
1.1	Waveguide Type	WR510
1.2	Flange Type	FDP18 (Cover)/FDM18 (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 FDM18
2.0	Electrical Specifications	
2.1	Frequency Range	1.45-2.20 GHz
2.2	VSWR (Max)	1.25
2.3	Insertion Loss (Max)	0.2 dB
2.4	Power Handling	3 KW (CW), 2.5 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 back view on the right. The front view shows a rectangular component with a central window area shaded with green diagonal lines. It features 6 mounting holes (6-Ø8^{+0.05}/_{-0.05}) and 4 corner holes (4-Ø8^{+0.05}/_{-0.05}). Dimensions include a total width of 100.08, a central window width of 64.77±0.26, and a total height of 165. The side view shows a thickness of 30. The back view shows a total width of 120, a total height of 175±0.5, and a central window width of 82.3±0.135. It also shows 8-R3.65 chamfers and 4-R8 chamfers. Other dimensions include 110±0.5, 100.08, 129.54±0.26, 147.3±0.135, 50.04, and 64.77±0.26.</p>		



Revision History

Date	Revision	Changes
25-Mar-2006	1	First release

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