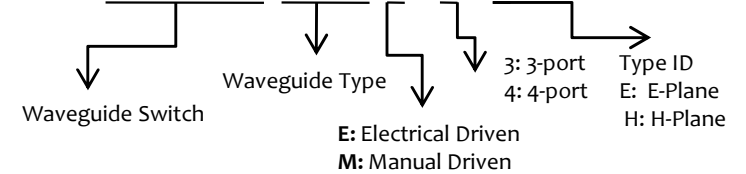
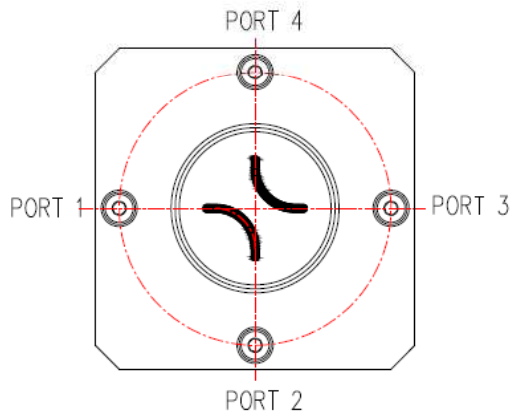
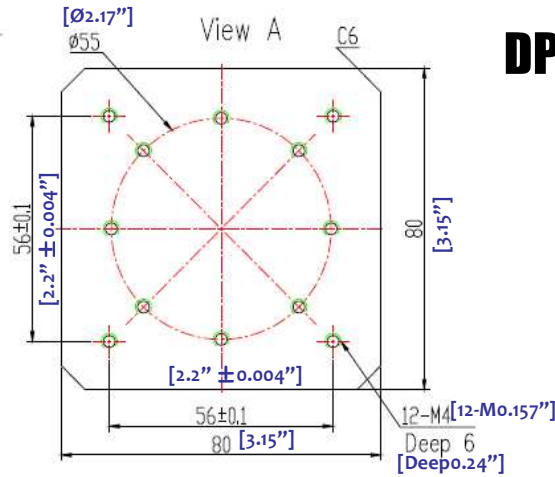
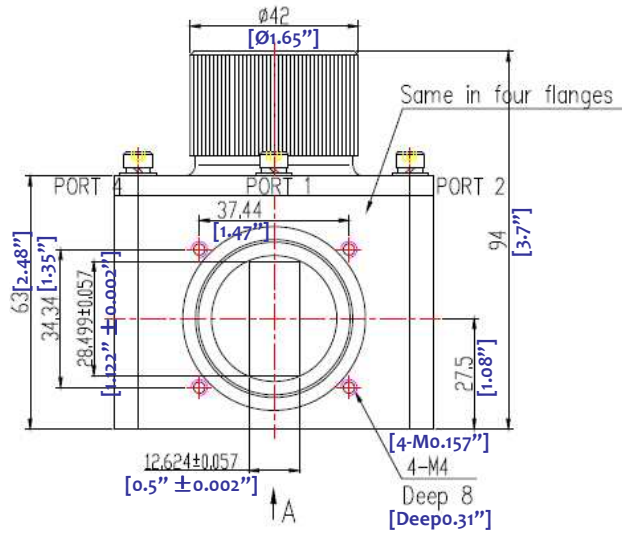


# WAVEGUIDE WR112 4-PORT DPDT MANUAL SWITCH E PLANE

## RFWSW 112 M 4 E



3.0 Electrical Specifications		
3.1	Frequency	7.05-10GHz (BW 2GHz.) 7.0-9.0GHz (As shown)
3.2	Power	150W (CW)
3.3	Peak Power	25kW (1us pulse)
3.4	Isolation	60dB
3.5	VSWR (master)	1.15 : 1
3.6	Insertion Loss	0.2dB



2.0 Environment specifications		
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-60°C~+125°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msec

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR112
1.2	Flange type	COVER,
1.3	Flange Holes	Tapped holes
1.4	Basis-material	Copper
1.5	Internal Body Finish	Silver Plated chromate or conversion
1.6	External Body Finish	Corrosion protected with black paint

PAGE	OF	DATE
		Jun 21 <sup>st</sup> 2004
<small>PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITINGS BY RF-LAMBDA. THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN THE WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION OF ALL THIRD PARTIES AND SHALL USE SAME FOR OPERATING AND MAINTENANCE PURPOSES ONLY</small>		DESIGN
		RFPC
		RF-LAMBDA
		RFPC
		CAD MODEL REVISION
		0-4
		ASSEMBLY REVISION
		VS2D5
		ASSEMBLY NAME
		RFLVR011
		DRAWING NUMBER
		D02-1
<a href="http://www.rflambda.com">www.rflambda.com</a>		
RF-LAMBDA	SIZE LT	SHEETS 1 OF 1