

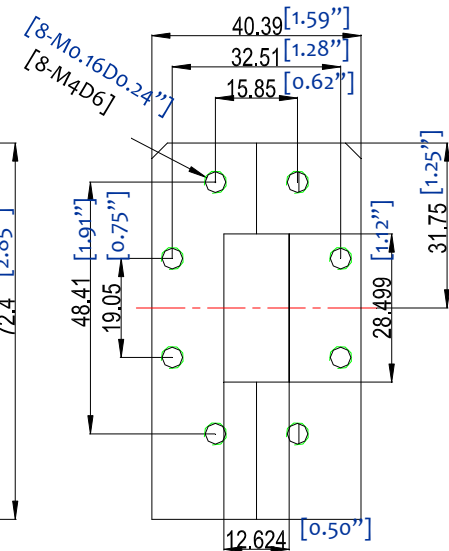
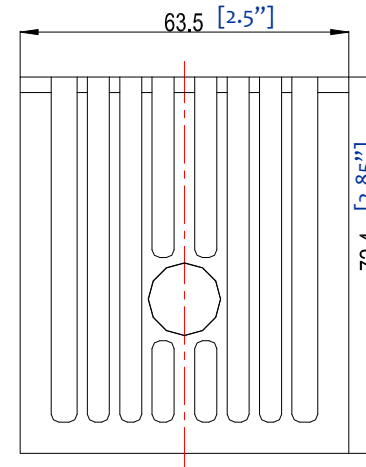
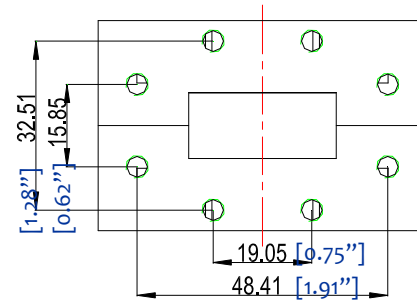
# HIGH POWER WAVEGUIDE CIRCULATOR

## – RFWC112B

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR112
1.2	Flange type	CPR112-F mating
1.3	Flange Holes	Through
1.4	External Body Finish	Conductive metal oxide

2.0	Environment specifications	
2.1	Operation Temp.	-20°C~+60°C
2.2	Storage Temp.	-45°C~+125°C
2.3	Altitude	15000 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 11msc

3.0	Electrical Specifications	
3.1	Frequency Range	7.05 ~ 10.0 GHz
3.2	Bandwidth	Full
3.3	Max. VSWR	1.25:1
3.4	Insertion Loss	0.5dB (max.)
3.5	Isolation	23dB
3.6	Forward Power	250W (CW)
3.7	Reverse Power	250W (CW)
3.8	Peak Power	4KW (8% duty cycle)



PAGE 1 OF 1	DATE Jun 15 <sup>th</sup> 2006
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RF-LAMBDA	RFPC
CAD MODEL REVISION 19	ASSEMBLY REVISION VS22
ASSEMBLY NAME RFLVR17	DRAWING NUMBER D05-1
www.rflambda.com	RF-LAMBDA
SIZE LT	SHEETS 1 OF 1