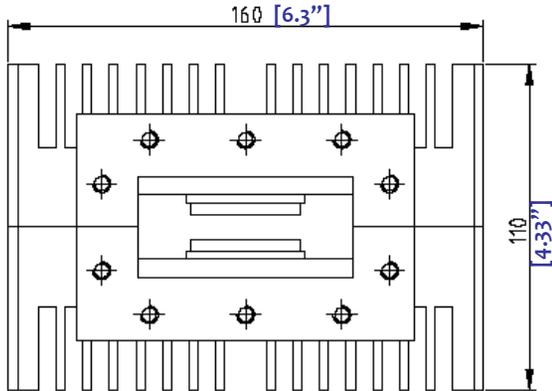
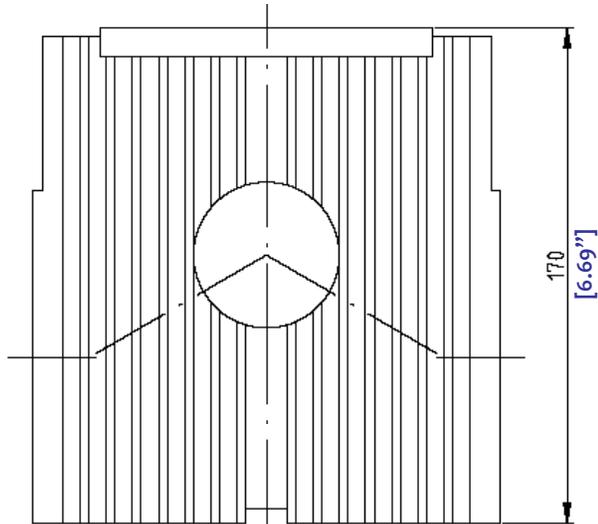


# 2000W WAVEGUIDE WR284 HIGH POWER CIRCULATOR

## RFWC284A



1.0 Mechanical Specifications	
1.1	Waveguide type Rectangular Waveguide WR284
1.2	Flange type CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes Through
1.4	Basis-material Aluminum, Brass, Alloyed Cuprum, Stainless
1.5	External Body Finish Body painted with gray/black epoxy enamel

2.0 Environment specifications	
2.1	Operation Temp. -40°C~+85°C
2.2	Storage Temp. -50°C~+125°C
2.3	Altitude 15000 ft
2.4	Vibration 10g rms (15 degree 2KHz)
2.5	Humidity 90% RH at 35c, 95%RH at 40 deg c
2.6	Shock 20G for 11msc

3.0 Electrical Specifications	
3.1	Center Freq. Range 2.6GHz~3.95GHz
3.2	Bandwidth 300MHz (2.6~2.9GHz as shown)
3.3	Functional Bandwidth 10% or 350MHz max.
3.4	Insertion Loss 0.3dB max
3.5	Isolation 20dB min
3.6	Power Handle: 2000W (CW)
3.7	Max. VSWR 1.20:1

PAGE 1 OF 1	DATE Jun 15 <sup>th</sup> 2006
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	RF-LAMBDA RFPC
	CAD MODEL REVISION 07
	ASSEMBLY REVISION VS2
 <b>RFWC284A WAVEGUIDE HIGH POWER CIRCULATOR</b>	ASSEMBLY NAME RFLVR16
	DRAWING NUMBER D05-1
www.rflambda.com	SIZE LT SHEETS 1 OF 1