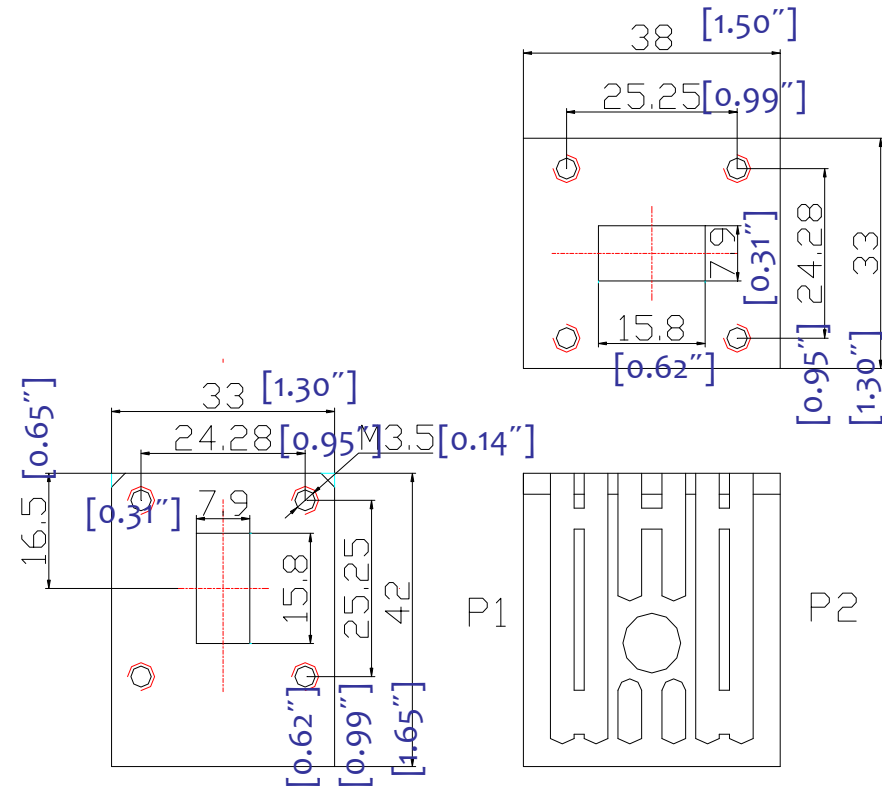


HIGH POWER WAVEGUIDE CIRCULATOR– RFWC62A



1.0	Mechanical Specifications	
1.1	Waveguide type	Waveguide WR62
1.2	Flange type	CPRF, CPRG, COVER
1.3	Flange Holes	Through
1.4	External Finish	Alodine Aluminum

2.0	Environment specifications	
2.1	Operation Temp.	-20°C~+70°C
2.2	Storage Temp.	-50°C~+125°C
2.3	Altitude	30,000 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	12-18GHz
3.2	Bandwidth	FULL
3.3	Max. VSWR	1.20:1 typical
3.4	Insertion Loss	0.25dB (14-18GHz) 0.80dB (12-14GHz)
3.5	Isolation	23dB (14-18GHz) 16dB (12-14GHz)
3.6	Power handle	100W CW
3.7	Peak Power	4KW (8% duty cycle)

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		RF-LAMBDA RFFC
		CAD MODEL REVISION 19
		ASSEMBLY REVISION VS2
 RFWC62A WAVEGUIDE HIGH POWER CIRCULATOR		ASSEMBLY NAME RFLVR17
		DRAWING NUMBER D05-1
www.rflambda.com		SIZE LT
RF-LAMBDA		SHEETS 1 OF 1