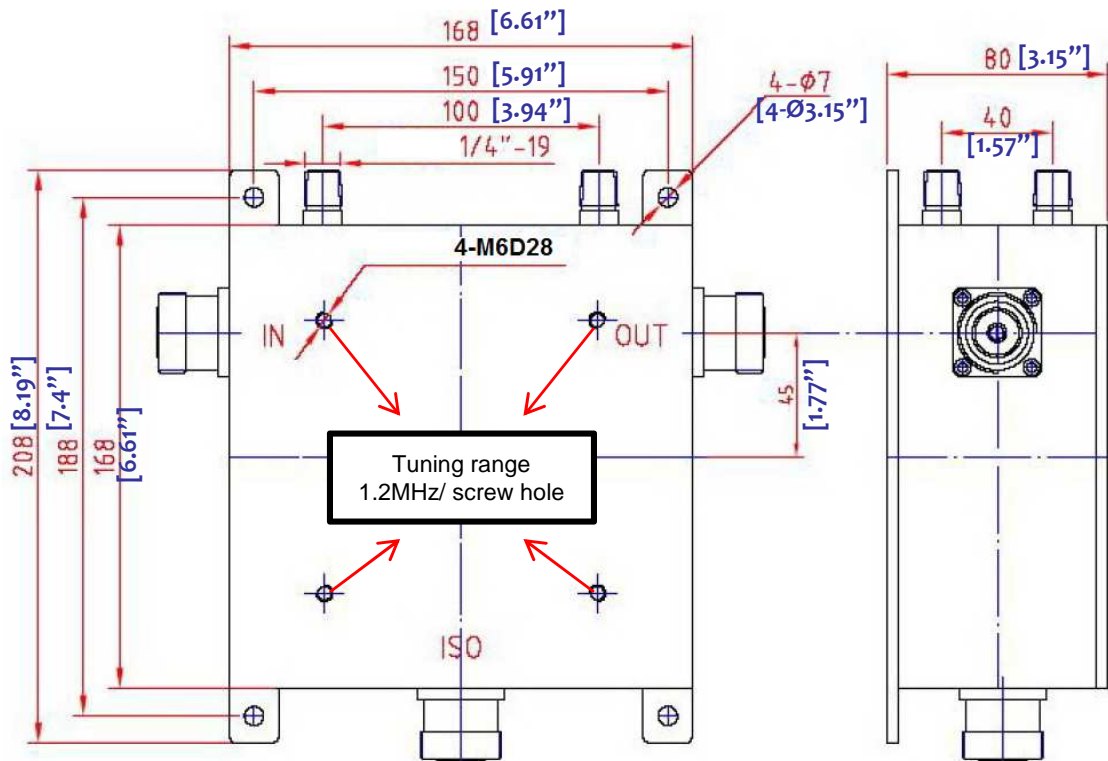



2KW WATER COOLING HIGH POWER CIRCULATOR- RFC2101-2000W



1.0 Mechanical Specifications		
1.1	Connector	7/16 Female (RF ports) 1/4" Male NPT (Water Ports)
1.2	Finish	Nickel Plating
1.3	Water pressure	Min 150PSI (LCW)
1.4	Flow Rate	<=1.5GPM
1.5	Weight	27 lb. / 12kg.

2.0 Environment specifications		
2.1	Operational Water Cooling Temp.	Temperature range Delta <+/-5 C degree
2.2	Storage Temp.	-50°F~+125°F
2.3	Altitude	10,000 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	Frequency 60-150MHz (Bandwidth 5% Fc)
3.2	Insertion Loss	0.5dB
3.3	Isolation	20dB
3.4	Max. VSWR	1.20:1
3.5	Power	2KW Forward Reverse
3.6	Distortion	-70dBc
3.7	Surge	8kw (<=10ms)
3.8	Return Loss (2KW)	-17dB (OPEN) -17dB (LOAD) -17dB (SHORT)

PAGE 1 OF 1		DATE	SEP 28 th 2010
<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	19
		ASSEMBLY REVISION	VS52
 RFC2101-2000W HIGH POWER WATER COOLING CIRCULATOR		ASSEMBLY NAME	RFLVR17
		DRAWING NUMBER	D05-1
www.rflambda.com		SIZE	SHEETS
RF-LAMBDA		LT	1 OF 1