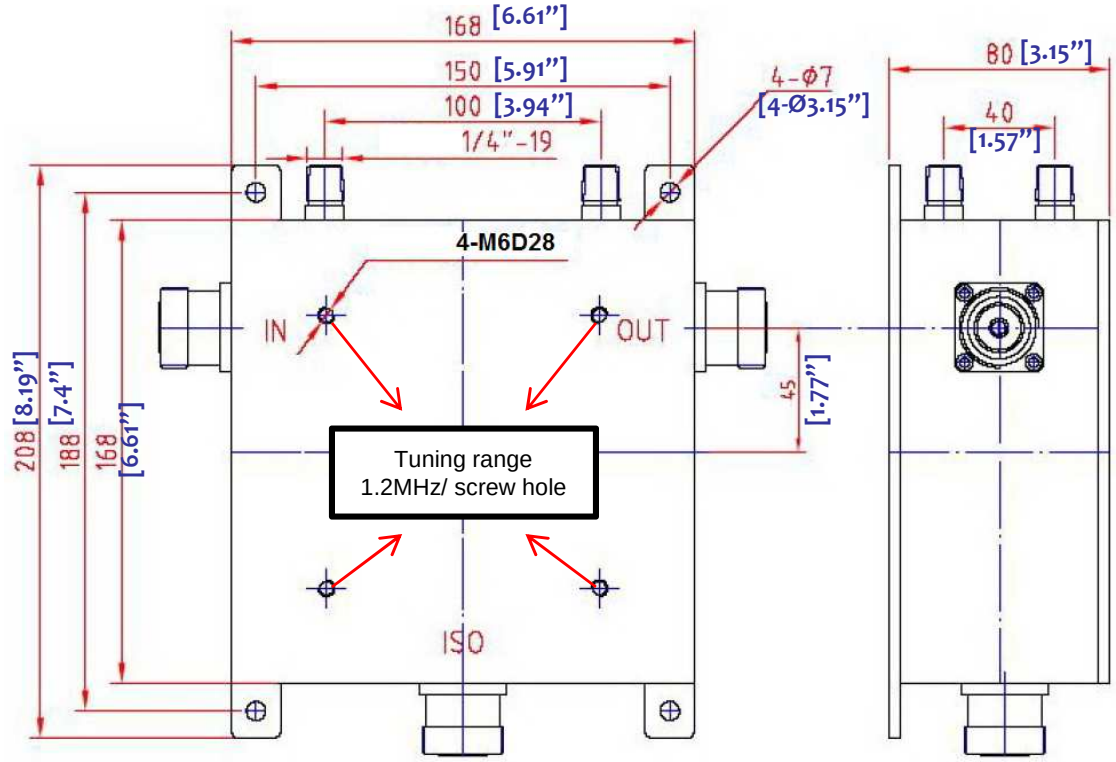
2KW WATER COOLING HIGH POWER CIRCULATOR- RFC2101-2000W



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)

1.0	Mechanical Specifications	
1.1	Connector	7/16 Female (RF ports) ¼" 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.	-50ºF~+125ºF
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

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DATE SEP 28th 2010

DESIGN RFPC

RF-LAMBDA RFPC

RFC2101-2000W
HIGH POWER
WATER COOLING
CIRCULATOR

CAD MODEL REVISION 19

ASSEMBLY REVISION VS52

ASSEMBLY NAME RFLVR17

DRAWING NUMBER D05-1

www.rflambda.com

RF-LAMBDA

SIZE LT

SHEETS 1 OF 1