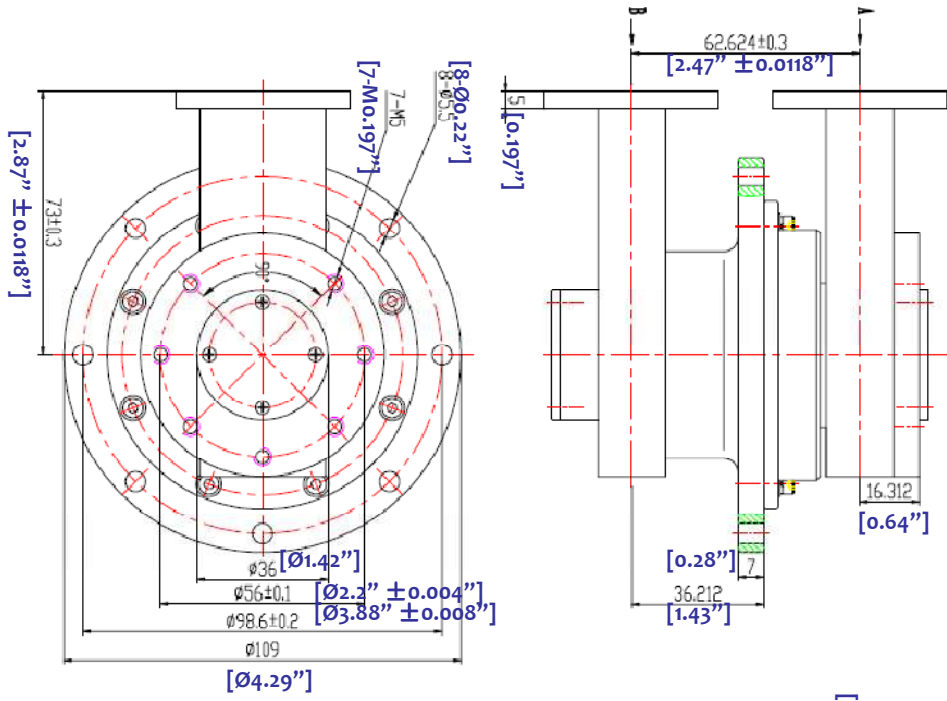
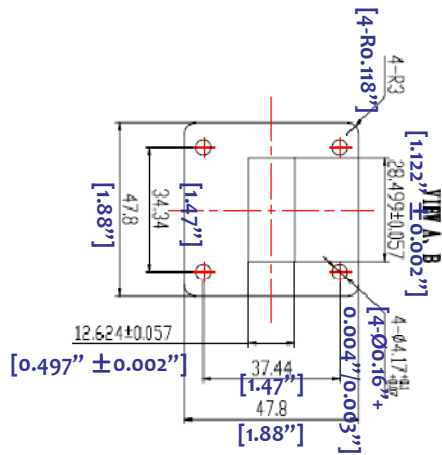


WR112 WAVEGUIDE "U" SHAPE Single Channel ROTARY JOINT ---RFWRJ112SU




1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR112
1.2	Flange type	CPRF, COVER
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Aluminum
1.5	Internal Finish	Chromate conversion
1.6	External Finish	Corrosion protected with black paint

2.0 Environment specifications		
2.1	Operation Temp.	-40°C~+70°C
2.2	Storage Temp.	-50°C~+125°C
2.3	Altitude	45000 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	7.05-10.0GHz 8.4-8.9GHz (as shown)
3.2	Bandwidth (MHz)	300MHz
3.3	Max. Insertion Loss / IL WOW	0.3dB / 0.05
3.4	Max. VSWR / VSWR WOW	1.20:1 / 0.05
3.5	Power (average / Peak)	4KW / 100KW

PAGE 1 OF 1	DATE Jun 21 st 2006
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 RFWRJ112SU WAVEGUIDE ROTARY JOINT	RF-LAMBDA RFPC
www.rflambda.com	CAD MODEL REVISION 11
RF-LAMBDA	ASSEMBLY REVISION VS5D5
SIZE LT	ASSEMBLY NAME RFLVR05
SHEETS 1 OF 1	DRAWING NUMBER D05-1