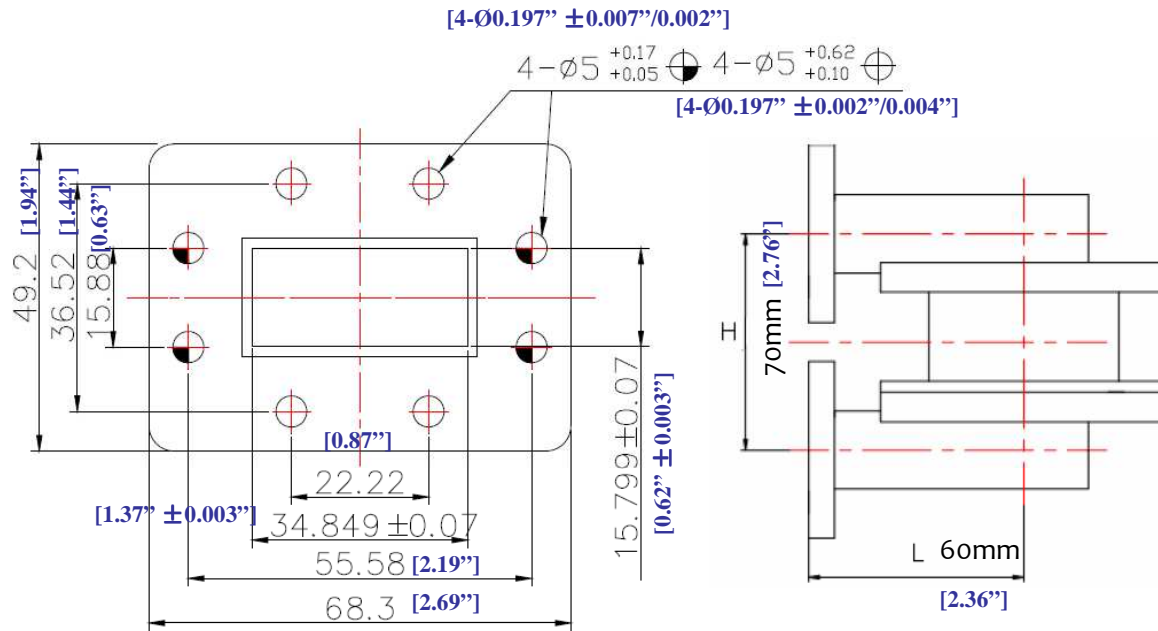


WR137 WAVEGUIDE "U" SHAPE SINGLE CHANNEL ROTARY JOINT --- RFWRJ137SU




1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR90
1.2	Flange type	Square Cover
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Copper
1.5	Internal Finish	Sliver Plating
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	5.85- 8.20GHz (BW 600MHz) 5.85-6.425 as shown
3.2	Max. Insertion Loss / IL WOW	0.25dB /0.1dB
3.3	Max. VSWR / VSWR WOW	1.20:1 /0.05
3.4	Power (average / Peak)	500W(CW) /5KW

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 RFWRJ137SU WAVEGUIDE ROTARY JOINT		RF-LAMBDA RFPC
www.rflambda.com		CAD MODEL REVISION 11
RF-LAMBDA		ASSEMBLY REVISION VS5DS
SIZE LT		ASSEMBLY NAME RFLVR05
SHEETS 1 OF 1		DRAWING NUMBER D05-1