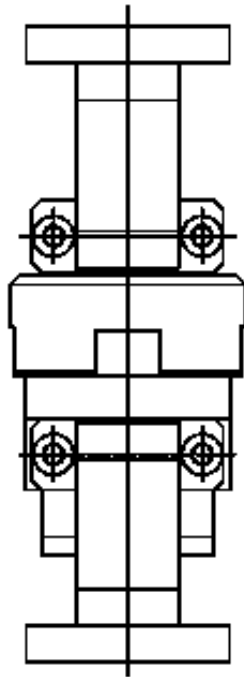
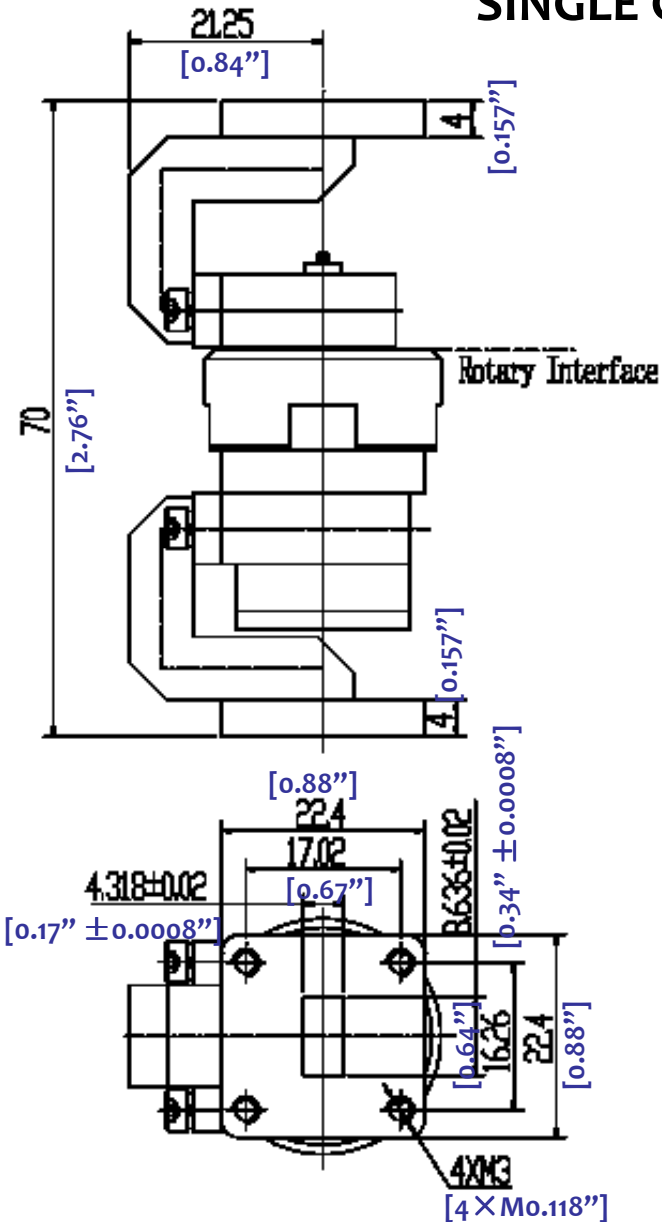



# HIGH POWER WR34 WAVEGUIDE "I" SHAPE SINGLE CHANNEL ROTARY JOINT --- RFWRJ34SIB



1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR34
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 black paint

2.0 Environment specifications		
2.1	Operation Temp.	-30°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	22-33GHz (BW<=2GHz) 27.5-31GHz(As shown)
3.2	Max. Insertion Loss/IL WOW	0.5dB/0.2dB
3.3	Max. VSWR /VSWR WOW	1.5:1 /0.2
3.4	Power Handling(average)	400W(CW) / 3KW peak

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		RF-LAMBDA	RFPC
 <b>RFWRJ34SIB</b> WAVEGUIDE ROTARY JOINT		CAD MODEL REVISION	11
		ASSEMBLY REVISION	V55D5
		ASSEMBLY NAME	RFLVR05
www.rflambda.com		DRAWING NUMBER	D05-1
<b>RF-LAMBDA</b>		SIZE	LT
		SHEETS	1 OF 1