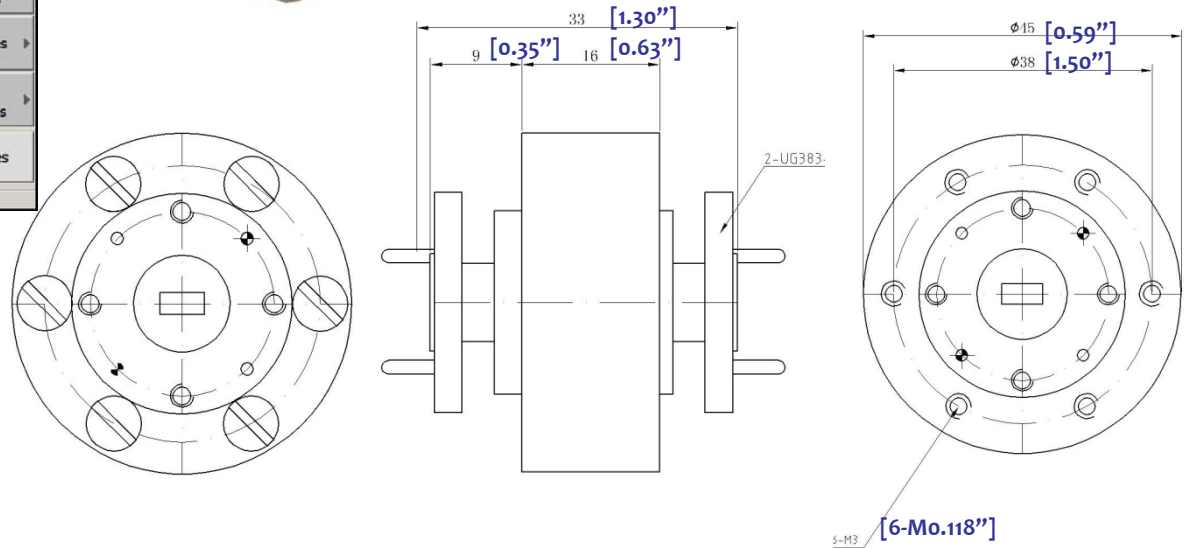


# WR19 WAVEGUIDE "I" SHAPE ROTARY JOINT


## --- RFWRJ19SI



1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide <b>WR19</b>
1.2	Flange type	UG383
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Cuprum
1.5	Internal Finish	Gold Plating
1.6	External Finish	Gold Plating no paint

3.0	Electrical Specifications	
3.1	Frequency Range	40.0 ~ 60.0GHz (BW <=2GHz)
3.2	Max. Insertion Loss	0.5dB
3.3	Max. VSWR	1.4:1
3.4	Power Handling(average)	10W(CW) / 0.3KW Peak

2.0	Environment specifications	
2.1	Operation Temp.	-30°C~+70°C
2.2	Storage Temp.	-50°C~+125°C
2.3	Altitude	15000 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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 <b>RFWRJ19SI</b> <b>WAVEGUIDE</b> <b>ROTARY JOINT</b>	CAD MODEL REVISION 11
	ASSEMBLY REVISION V55DS
	ASSEMBLY NAME RFLVR05
	DRAWING NUMBER D05-1
www.rflambda.com	
RF-LAMBDA	SIZE LT SHEETS 1 OF 1