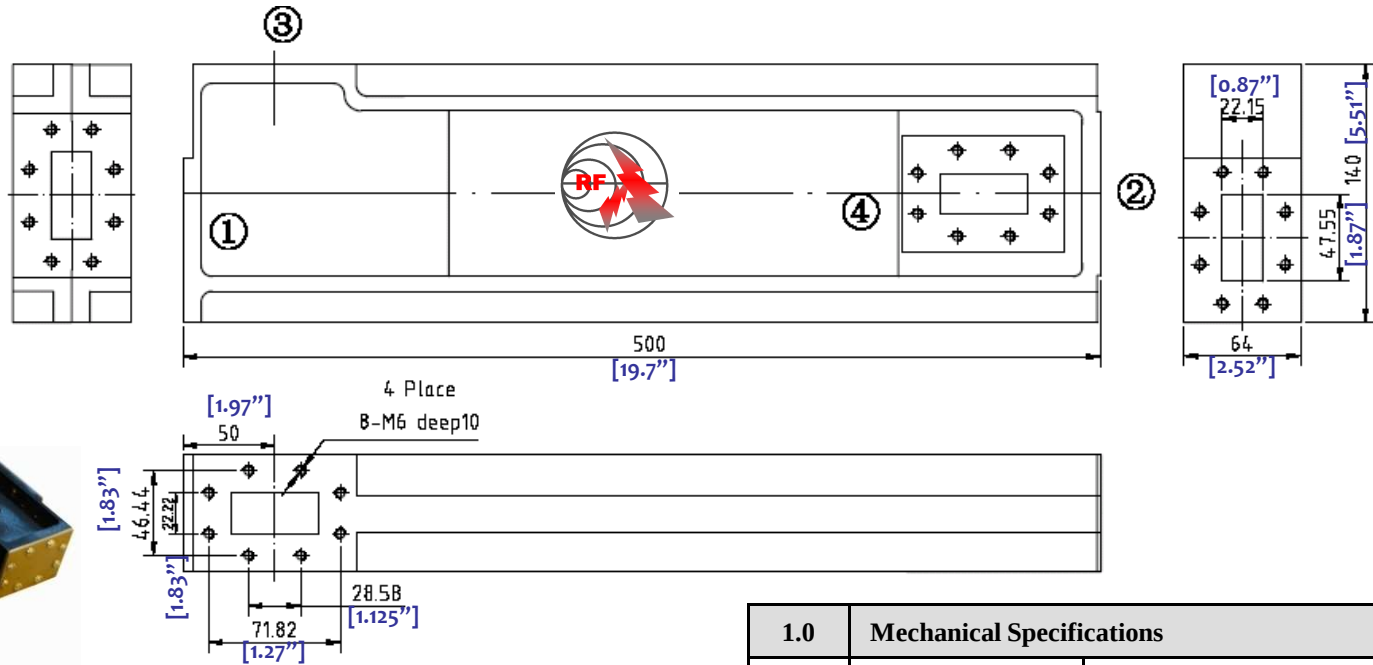


HIGH POWER WAVEGUIDE 4 PORT CIRCULATOR– RFWHC33B



(Unit: mm/inch)

3.0	Electrical Specifications	
3.1	Frequency Range	3.95~5.85 GHz
3.2	Bandwidth	500MHz (5.25~5.75GHz as shown)
3.3	Max. VSWR	1.20:1 (Port 1&2)
3.4	Insertion Loss	0.4dB (max.)
3.5	Isolation	20dB
3.6	Forward Power	500W (CW)
3.7	Peak Power	1.2MW

2.0	Environment specifications	
2.1	Operation Temp.	-30°C~+55°C
2.2	Storage Temp.	-45°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

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR187
1.2	Flange type	CPRG or CPRF
1.3	Flange Holes	Through
1.4	External Body Finish	Body painted with gray/black epoxy enamel

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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	19
		ASSEMBLY REVISION	V552
 RFWHC33B HIGHPOWER WAVEGUIDE CIRCULATOR		ASSEMBLY NAME	RFLVR17
		DRAWING NUMBER	D05-1
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1