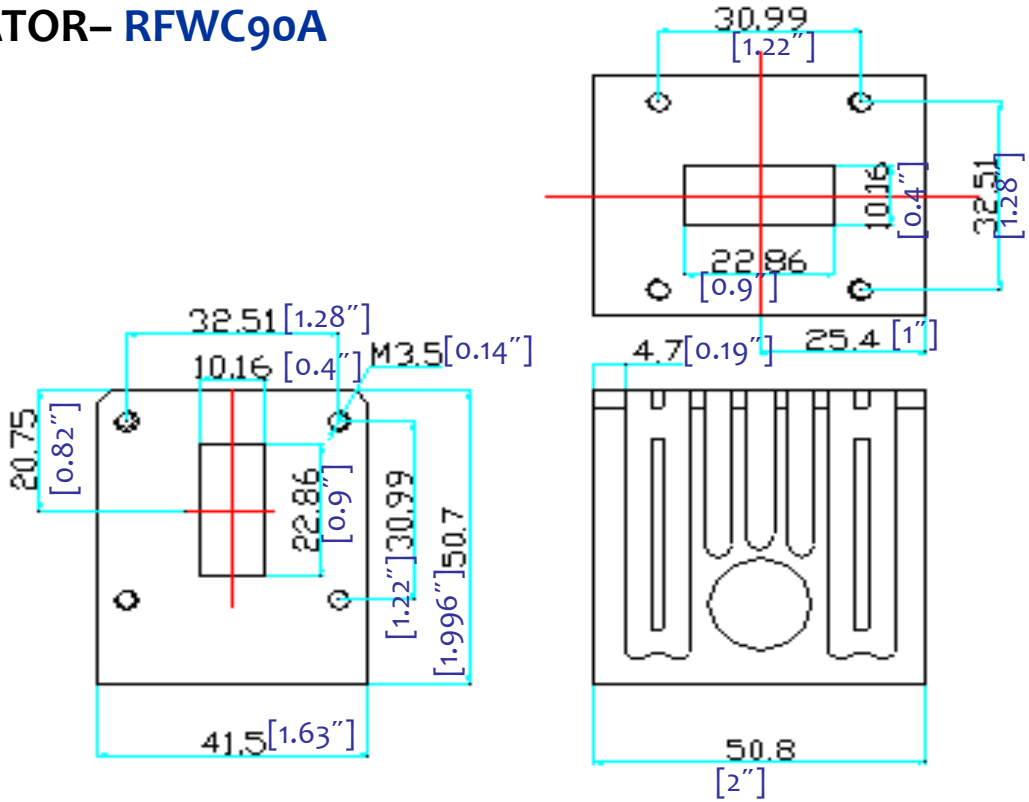
HIGH POWER WAVEGUIDE CIRCULATOR– RFWC90A



1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR90
1.2	Flange type	CPRF, CPRG, COVER
1.3	Flange Holes	Through
1.4	External Body Finish	Body painted with gray/black epoxy enamel

2.0	Environment specifications	
2.1	Operation Temp.	-20°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	9.3GHz, bandwidth 300KHz
3.2	Bandwidth	300KHz
3.3	Max. VSWR	1.15:1
3.4	Insertion Loss	0.2dB
3.5	Isolation	28dB
3.6	Peak Power	3KW (8% duty cycle)

PAGE 1 OF 1

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DESIGN RFPC

RF-LAMBDA RFPC

RFWC90A
WAVEGUIDE
HIGH POWER
CIRCULATOR

CAD MODEL REVISION 19

ASSEMBLY REVISION VS52

ASSEMBLY NAME RFLVR17

DRAWING NUMBER D05-1

www.rflambda.com

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SIZE LT

SHEETS 1 OF 1