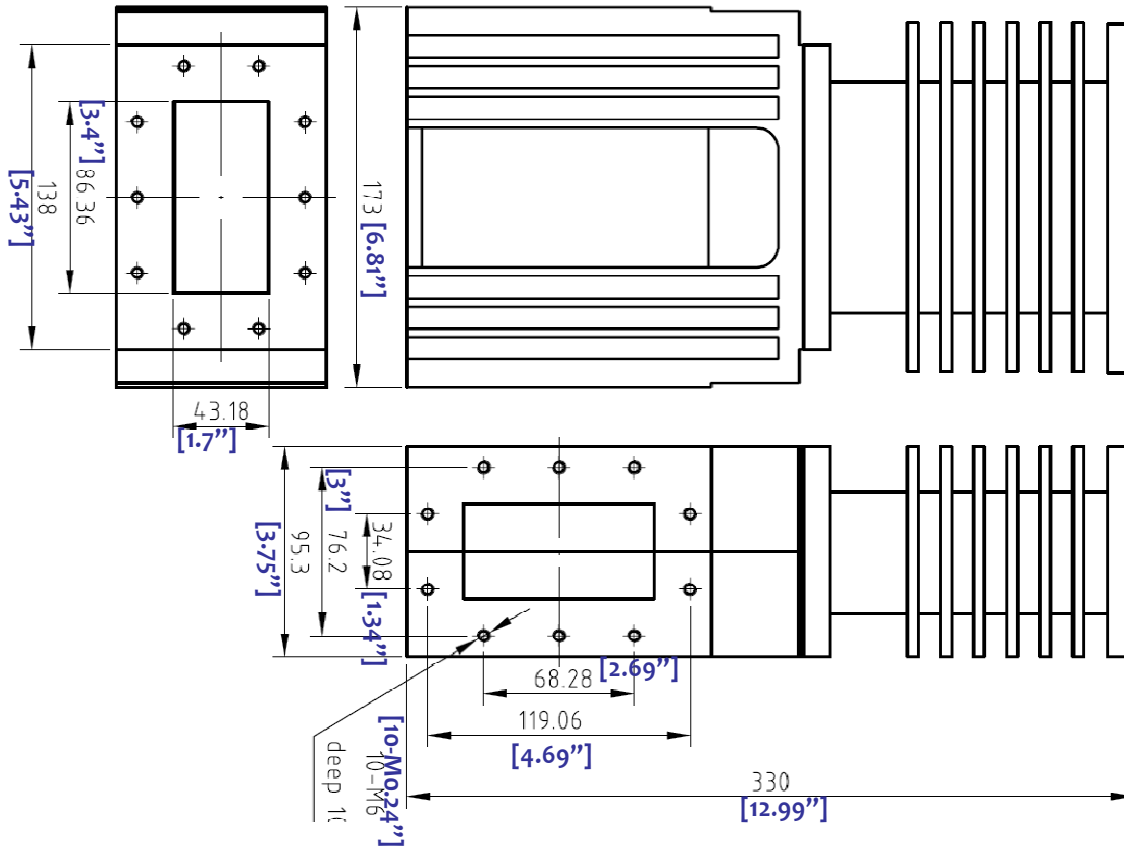


1000W CW WAVEGUIDE WR340 ISOLATOR --- RFWI340B

2.0	Environment specifications	
2.1	Operation Temp.	-40°C~+85°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	90% 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 WR340
1.2	Flange type	CPRF flat
1.3	Flange Holes	Through or tapped holes
1.4	Basis-material	Aluminum
1.5	External Body Finish	NO PAINT OR BLUE PAINT



3.0	Electrical Specifications	
3.1	Center Freq. Range	2.20-3.30GHz
3.2	Bandwidth	400MHz (2.40GHz-2.65GHz as shown)
3.3	Insert Loss	0.3dB
3.4	Isolation	23dB
3.5	VSWR	1.15 : 1
3.6	Forward power	1000W CW 10KW Peak (5% 4us)
3.7	Reverse power	150W CW



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DESIGN	RFPC
RF-LAMBDA	RFPC
CAD MODEL REVISION	02
ASSEMBLY REVISION	VS2
ASSEMBLY NAME	RFLVR42
DRAWING NUMBER	D02-3
www.rflambda.com	
RF-LAMBDA	SIZE LT SHEETS 1 OF 1