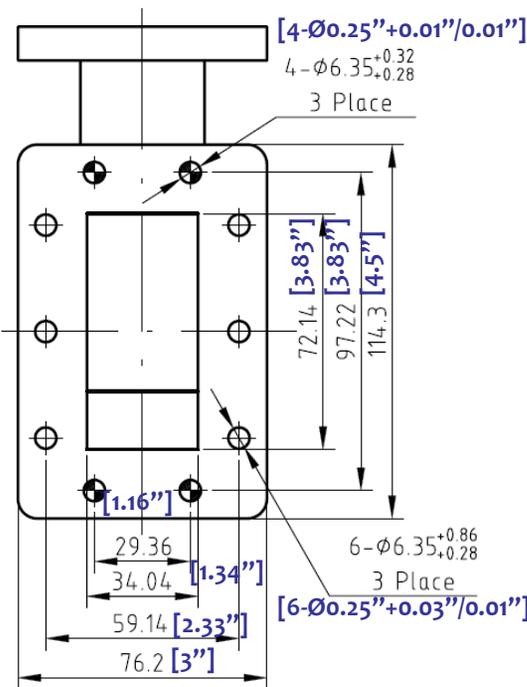
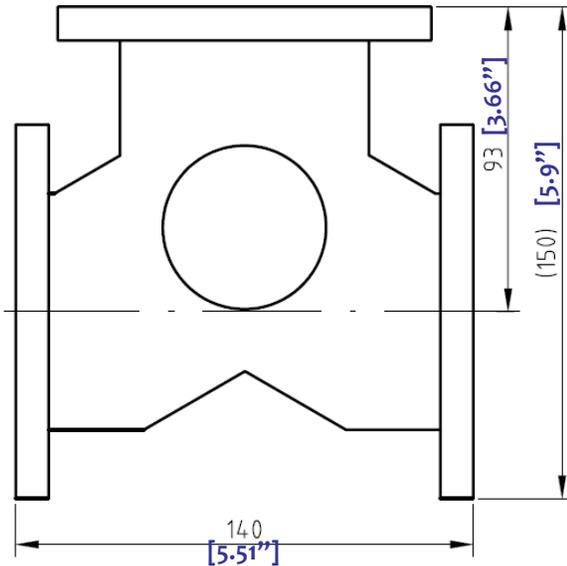


100W CW WAVEGUIDE WR284 ISOLATOR --- RFWI284C

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 WR284
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	2.60-3.95GHz
3.2	Bandwidth	140MHz (2.77GHz-2.93GHz as shown)
3.3	Insert Loss	0.8dB
3.4	Isolation	20dB
3.5	VSWR	1.20 : 1
3.6	Forward power	100W
3.7	Reverse power	10~100W Options



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 RFWI284C WAVEGUIDE CIRCULATOR	RF-LAMBDA RFPC
www.rflambda.com	CAD MODEL REVISION 02
RF-LAMBDA	ASSEMBLY REVISION VS2
SIZE LT	ASSEMBLY NAME RFLVR42
SHEETS	DRAWING NUMBER D02-3
1 OF 1	