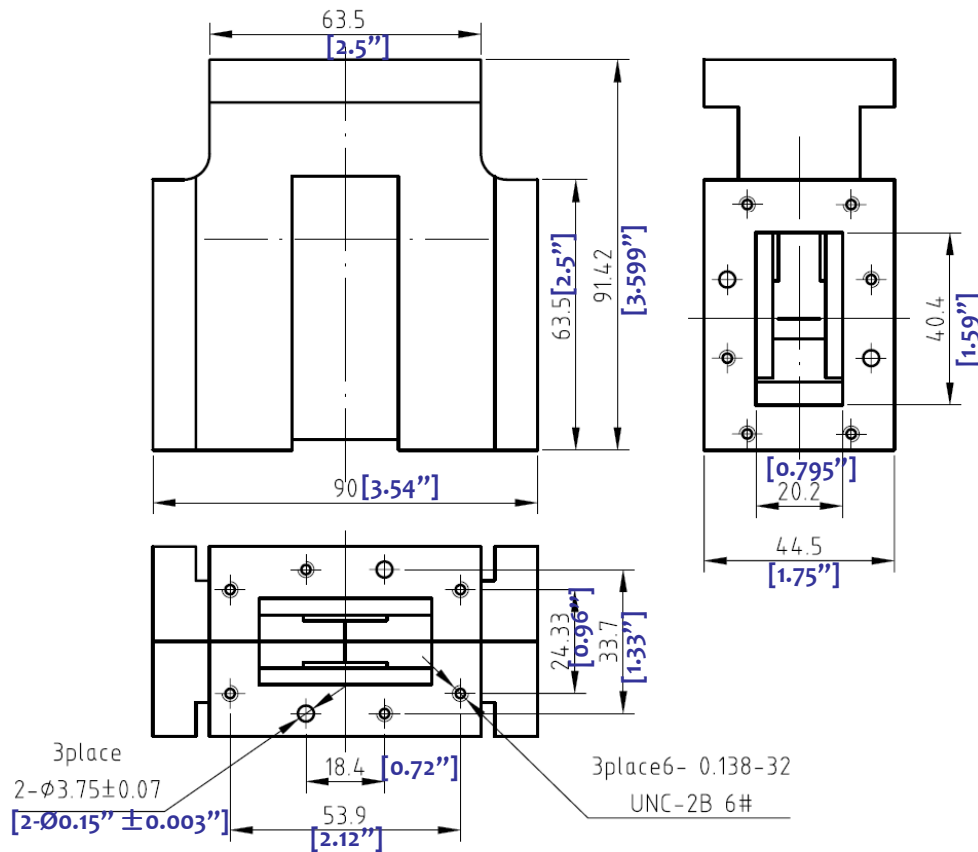



10W CW WAVEGUIDE WR159 ISOLATOR --- RFWI159B

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 WR159
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	4.9-7.05GHz
3.2	Bandwidth	10% F Center (5.0-5.6GHz as shown)
3.3	Insert Loss	0.5dB
3.4	Isolation	20dB
3.5	VSWR	1.20 : 1
3.6	Forward power	10W
3.7	Reverse power	10W



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 RFWI159B WAVEGUIDE CIRCULATOR	RF-LAMBDA RFPFC
www.rflambda.com	CAD MODEL REVISION 02
RF-LAMBDA	ASSEMBLY REVISION VS2
SIZE LT	ASSEMBLY NAME RFLVR42
SHEETS 1 OF 1	DRAWING NUMBER D02-3