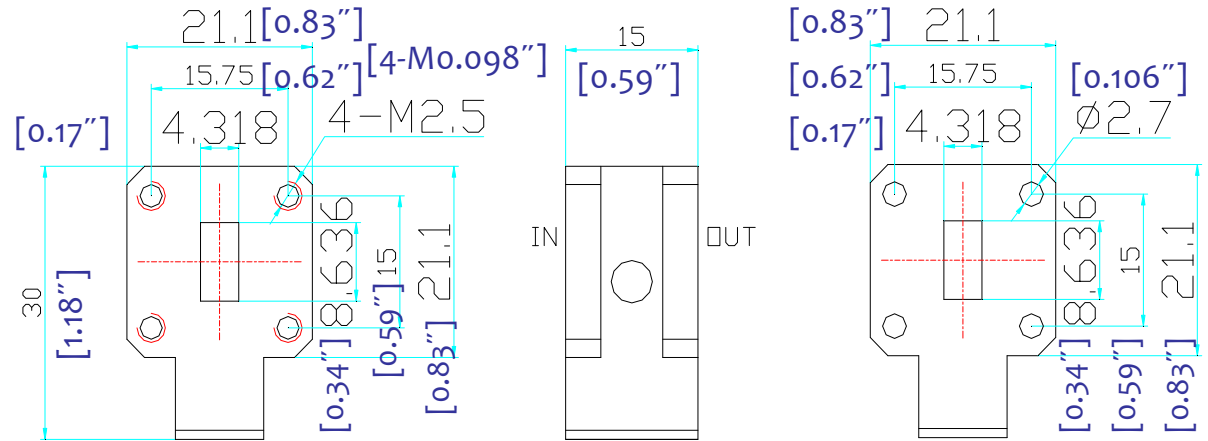





WAVEGUIDE ISOLATOR--- RFWI34A



1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR34
1.2	Flange type	As shown CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through (As shown)
1.4	Basis-material	Aluminum
1.5	External Body Finish	Conductive no paint

2.0 Environment specifications		
2.1	Operation Temp.	-32°C~+63°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	29-34GHz Wider bandwidth available upon request
3.2	Bandwidth	2GHz 25GHz ± 0.25GHz (As shown)
3.3	Average Power	1/10W (CW) (Forward and reverse)
3.4	Insertion Loss	0.30dB (+/-250MHz)
3.5	Isolation	20dB (+/-250MHz)
3.6	Max. VSWR	1.25 : 1 (+/-250MHz)

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		RFLAMBDA RFFC
 RFWI34A WAVEGUIDE ISOLATOR		CAD MODEL REVISION 19
		ASSEMBLY REVISION V552
		ASSEMBLY NAME RFLVR17
		DRAWING NUMBER D05-1
www.rflambda.com		
RF-LAMBDA	SIZE LT	SHEETS 1 OF 1