

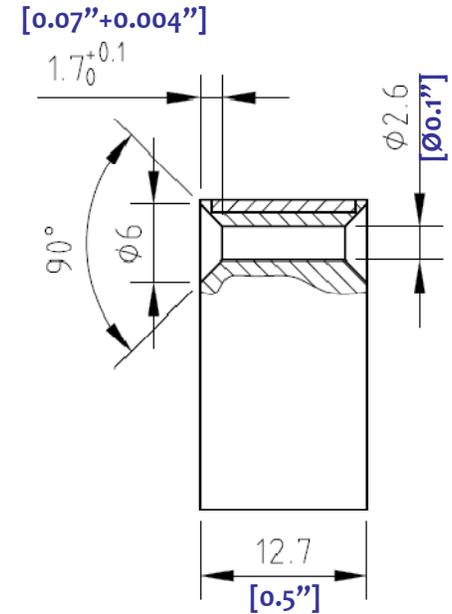
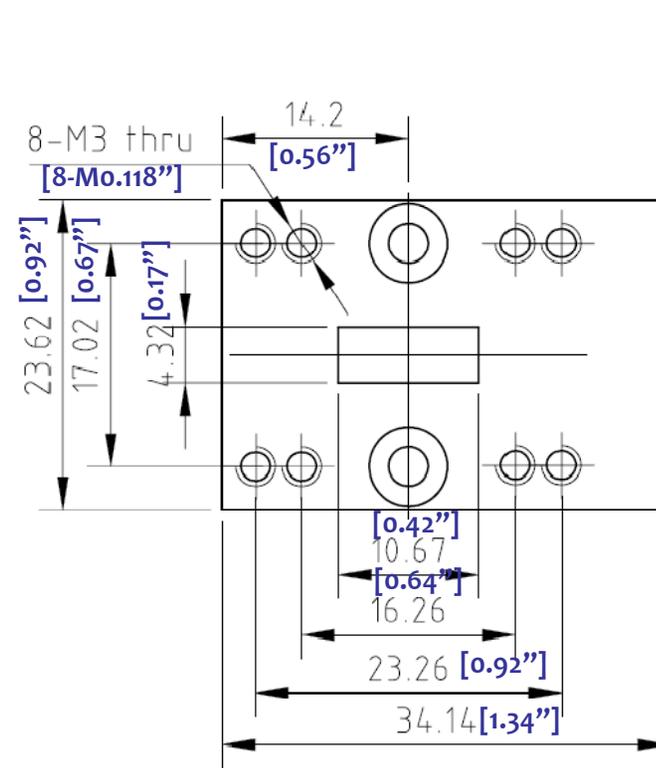
WAVEGUIDE ISOLATOR

--- RFWI42A

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WR42
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	Body painted with gray/black epoxy enamel

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	18GHz~26.5GHz Wider bandwidth available upon request
3.2	Bandwidth	2GHz 24.25GHz ± 0.25GHz (As shown)
3.3	Average Power	15W (CW) (Forward and reverse)
3.4	Insertion Loss	0.30dB (+/-250MHz)
3.5	Isolation	20dB (+/-250MHz)
3.6	Max. VSWR	1.20 : 1 (+/-250MHz)



PAGE 1 OF 1		DATE Apr 05th 2007
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 RFWI42A WAVEGUIDE ISOLATOR		RF-LAMBDA RFPC
www.rflambda.com		CAD MODEL REVISION 19
		ASSEMBLY REVISION VS52
		ASSEMBLY NAME RFLVR17
		DRAWING NUMBER D05-1
RF-LAMBDA		SIZE LT
		SHEETS 1 OF 1