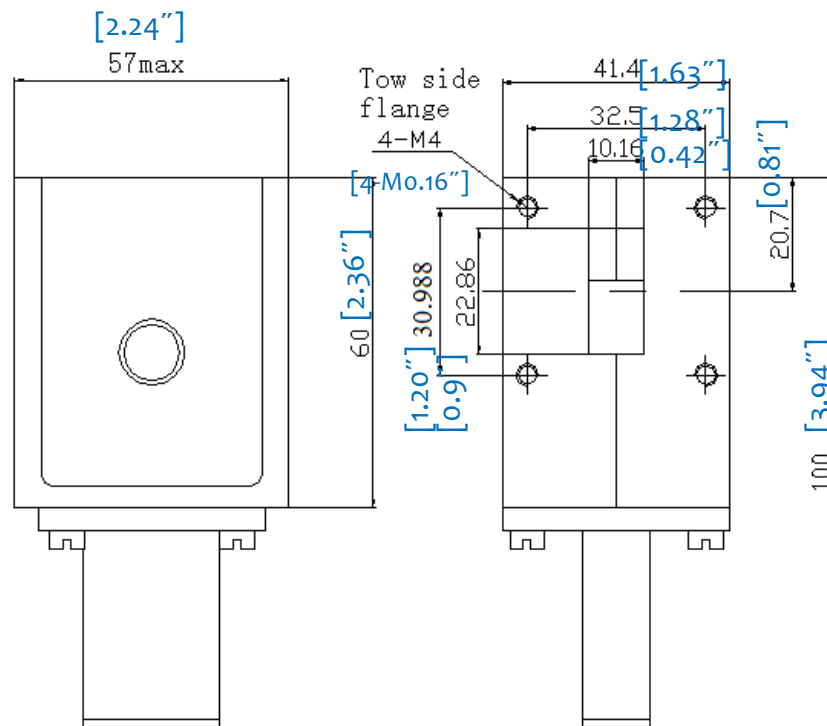
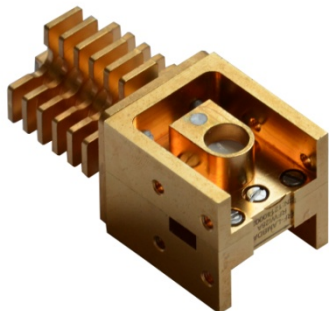


WAVEGUIDE ISOLATOR 150/30W FORWARD AND REVERSE POWER


--- RFWI90A



1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR90
1.2	Flange type	COVER
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	30,000 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

3.0	Electrical Specifications	
3.1	Frequency	8.2-12.4GHz
3.2	Average Power	150/30W (CW) (Forward and reverse)
3.3	Insertion Loss	0.30dB
3.4	Isolation	19dB
3.5	Max. VSWR	1.25 : 1

PAGE 1 OF 1	DATE Sep 23th 2009
PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RFLAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY RFLAMBDA. THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN THE WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION OF ALL THIRD PARTIES AND SHALL USE SAME FOR OPERATING AND MAINTENANCE PURPOSES ONLY.	DESIGN RFLPC
 RFWI90A WAVEGUIDE ISOLATOR	RFLAMBDA RFLPC
	CAD MODEL REVISION 11
	ASSEMBLY REVISION VSS0
	ASSEMBLY NAME RFLVR11
www.rflambda.com	DRAWING NUMBER D05-1
RFLAMBDA	SIZE LT
	SHEETS 1 OF 1