SPECIFICATIONS

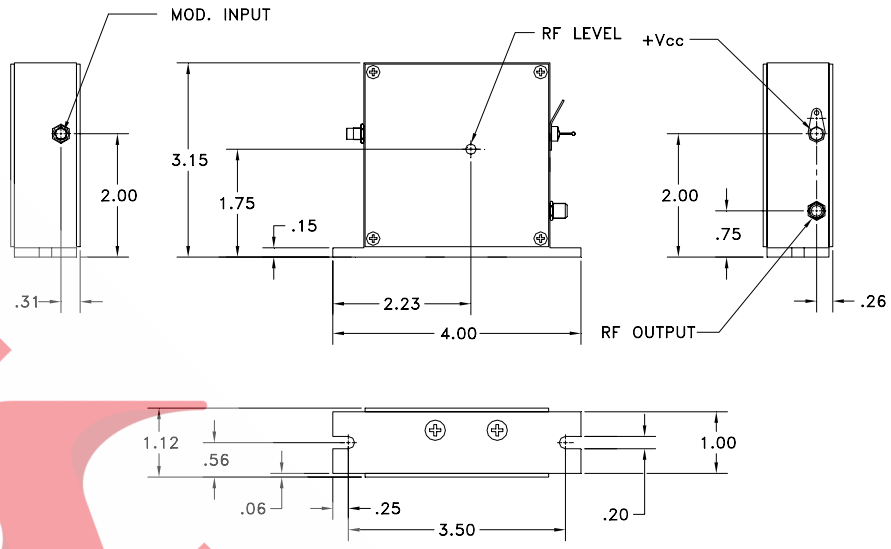
Modulation Input

Input Impedance	50 Ohms
Analog Input (SMC)	0 to +1.0 VDC

RF Output

Center Frequency (Fc)	200 MHz ± 0.1%
Output Power (SMA Female)	2.5 W
Rise/Fall Time	5 nsec Max
RF Contrast Ratio	50 dB min
Harmonic Distortion	-20 dBc
Output Impedance	50 Ohms
Output VSWR	1.5 : 1 Max
Power Supply Voltage	+24 V @ 775 mA

OUTLINE DRAWING



Notes:
1. Output power factory set to 2.5 W at 1.0 Volt input. Power stability less than 5% over the heat sink's ambient temperature range of 0 - 40° C, after 5 minute warm-up.

2. When calculating the contrast ratio, it is understood that only the power of the 200 MHz fundamental shall be used. The higher harmonics have no effect on the AO modulator's performance.

3. RoHS compliant.

Document

10/18/10

Control

TOLERANCES: .XX ± .01, .XXX ± .005	DR	T. Moon 10/4/2010	Crystal Technology, Inc.		
MATERIAL: RoHS Compliant	CHK		DESCRIPTION: AODR 1200AF-AINA-2.5 HCR		
FINISH:	APP				
	APP		PART NUMBER: 97-02910-04	REV: B	1 of 1