

SPECIFICATIONS

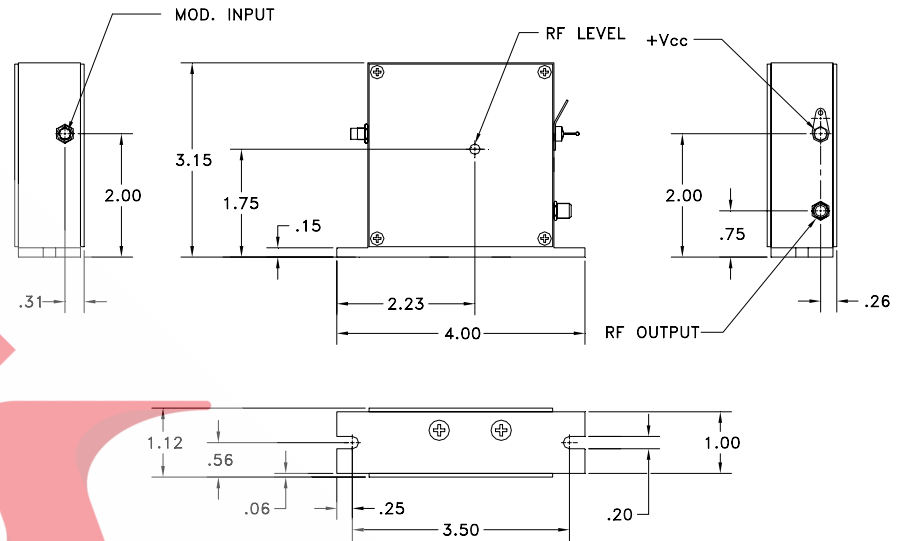
OUTLINE DRAWING

Modulation Input

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

RF Output

Center Frequency (Fc) 150 MHz \pm 0.1%
 Output Power (SMA Female) 2.5 W
 Rise/Fall Time 7 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



Notes:



- 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.
- When calculating the contrast ratio, it is understood that only the power of the 150 MHz fundamental shall be used. The higher harmonics have no effect on the AO modulator's performance.
- RoHS compliant.

Document

11/10/11

Control

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TOLERANCES: .XX \pm .01 .XXX \pm .005	DR	T. Moon 10/27/2011	Crystal Technology, LLC	
MATERIAL: 	CHK		DESCRIPTION: AODR 1150AF-AINA-2.5 HCR	
FINISH: 	APP		PART NUMBER: 97-02910-14	REV: 1
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