

SPECIFICATIONS

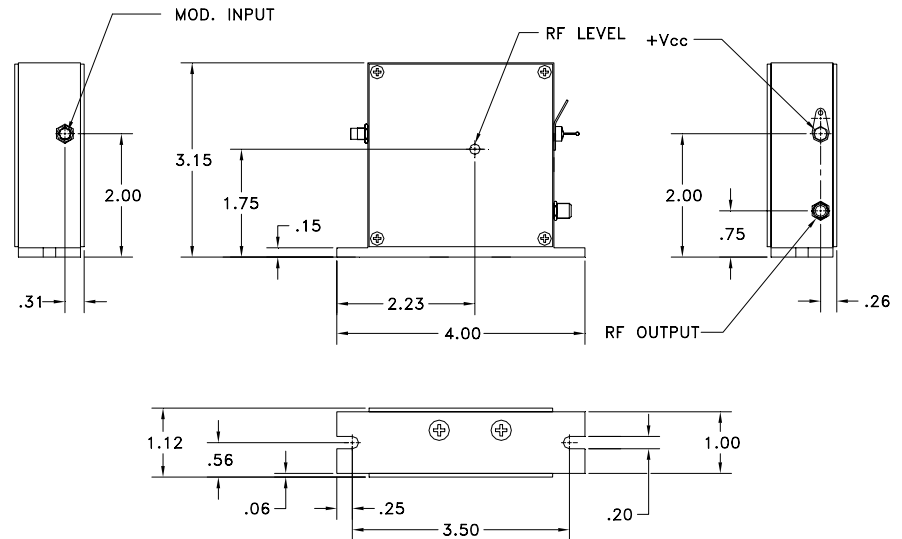
Modulation Input

Input Impedance 75 Ohms
 Digital Input (SMC) Standard TTL

RF Output

Center Frequency (Fc) 200 MHz \pm 0.1%
 Output Power (SMA Female) 2.5 W
 Rise/Fall Time 4 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 @ 760 mA

OUTLINE DRAWING



Notes:

- Output power factory set to 2.5 W at 2.4 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 200 MHz fundamental shall be used. The higher harmonics have no effect on the AO modulator's performance.
- RoHS compliant

Document

02/18/10

Control

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| TOLERANCES: .XX \pm .01 .XXX \pm .005 | DR | Gerl Scholz 2/5/2010 | Crystal Technology, Inc. |
| MATERIAL: | CHK | | DESCRIPTION: AODR 1200AF-DINA-2.5 HCR |
| FINISH: | APP | | PART NUMBER: 97-02910-01 |
| | APP | | REV: F |
| | | | 1 of 1 |