

SPECIFICATIONS

OUTLINE DRAWING

Modulation Input

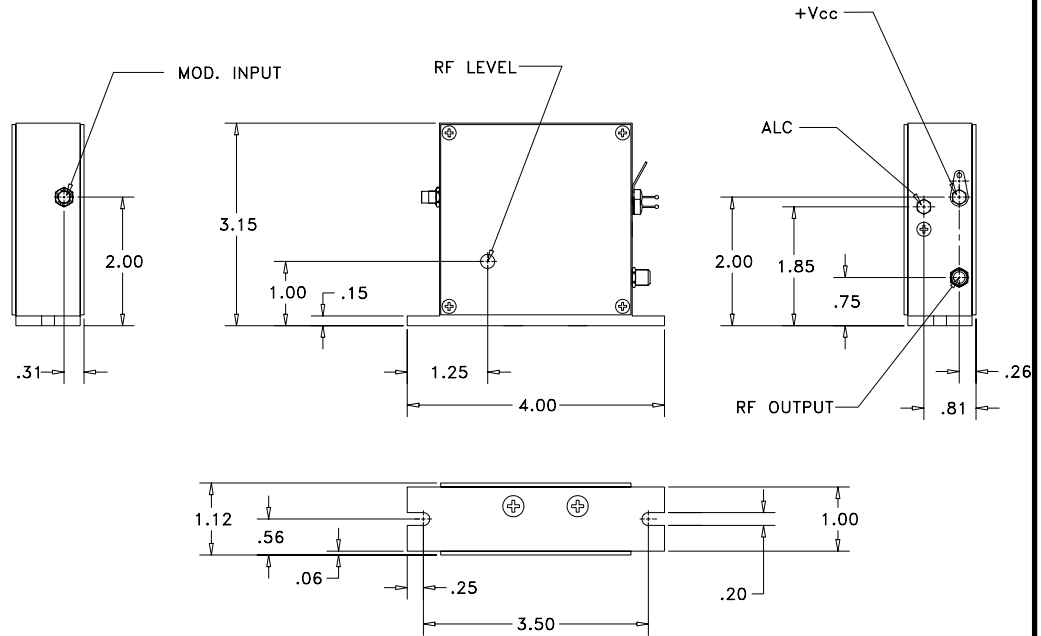
Input Impedance
Digital Input (SMB Male)

50 Ohms
Standard TTL Levels

RF Output

Center Frequency (Fc)
Output Power (SMA Female)
Rise/Fall Time
RF Contrast Ratio
Harmonic Distortion
Output Impedance
Output VSWR
Bandwidth
Power Supply Voltage (+Vcc)

110 MHz \pm 0.1%
2.0 W
12 nsec Typ.
35 dB min
-30 dBc
50 Ohms
1.5 : 1 Max
60 MHz
+28 V @ 600 mA



Notes:

1. Output power factory set to 2 W at a 2.4 V, 30 mA 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 110 MHz fundamental shall be used. The higher harmonics have no effect on the AO modulator's performance.

**For Reference
Only**

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TOLERANCES: .XX \pm .01 .XXX \pm .005	DR	A. Campi 12/3/1997	Crystal Technology, Inc. DESCRIPTION: AODR 1110AF-DIF0-2.0
MATERIAL:	CHK		
FINISH:	APP		
	APP		PART NUMBER: 97-02207-14
			REV: B
			1 of 1