

## SPECIFICATIONS

### Modulation Input

Input Impedance  
Digital Input (SMC)

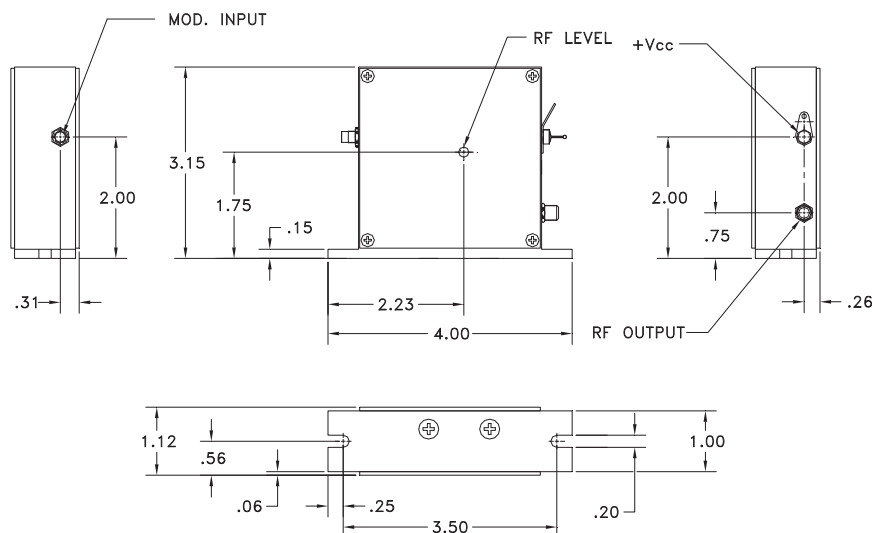
75 Ohms  
Standard TTL

### RF Output

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

200 MHz  $\pm$  0.1%  
2.5 W  
5 nsec Max  
50 dB min  
-20 dBc  
50 Ohms  
1.5 : 1 Max  
+24 V @ 775 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**

**07/14/15**

**Control**

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TOLERANCES: .XX $\pm$ .01 .XXX $\pm$ .005	DR	Geri Scholz 6/22/2015	Gooch & Housego		
MATERIAL:	CHK		DESCRIPTION: <b>AODR 1200AF-DINA-2.5 HCR</b>		
FINISH: 	APP		PART NUMBER:	REV:	
	APP		97-02910-01	H	1 of 1