

SPECIFICATIONS

Modulation Input

Input Impedance
Digital Input (SMC)

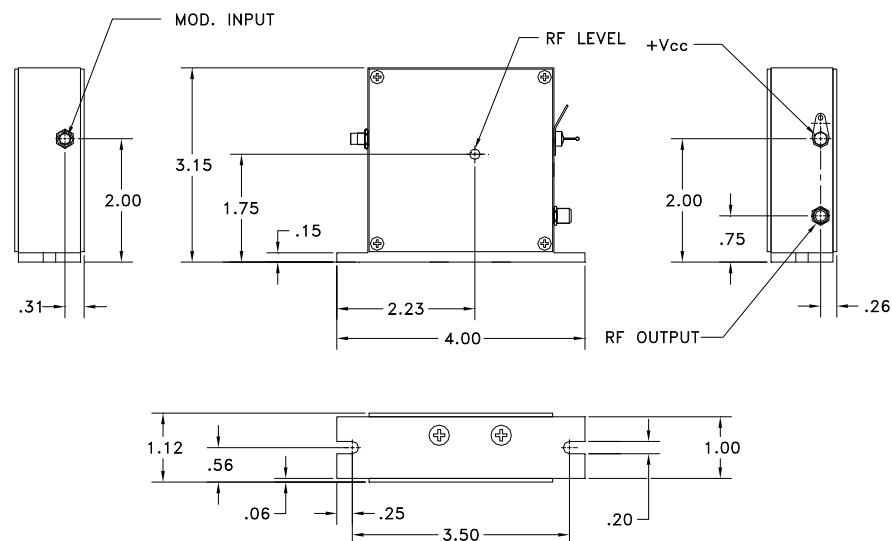
75 Ohms
Standard TTL

RF Output

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

150 MHz \pm 0.1%
2.5 W
7 nsec Typ.
50 dB min
-20 dBc Max
50 Ohms
1.5 : 1 Max
+24 V @ 775 mA Nominal

OUTLINE DRAWING



Notes:

1. 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.
2. 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.
3. RoHS compliant

Document

10/16/13

Control



info@amstechnologies.com
www.amstechnologies-webshop.com

Contact us

THIS DOCUMENT IS THE PROPERTY OF GOOCH AND HOUSEGO. IT IS NOT TO BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OTHER THAN BY EMPLOYEES OF GOOCH AND HOUSEGO AND ITS CONTRACTED REPRESENTATIVES AND DISTRIBUTORS. ANY EXCEPTION REQUIRES THE WRITTEN CONSENT OF AN AUTHORIZED REPRESENTATIVE OF GOOCH AND HOUSEGO.

TOLERANCES: .XX \pm .01 .XXX \pm .005	DR	Geri Scholz 8/21/2013			
MATERIAL:	CHK		DESCRIPTION: AODR 1150AF-DINA-2.5 HCR		
FINISH:	APP				
	APP		PART NUMBER: 97-02910-15	REV: C	1 of 1