

OUTLINE DRAWING

Analog Input (BNC Female)

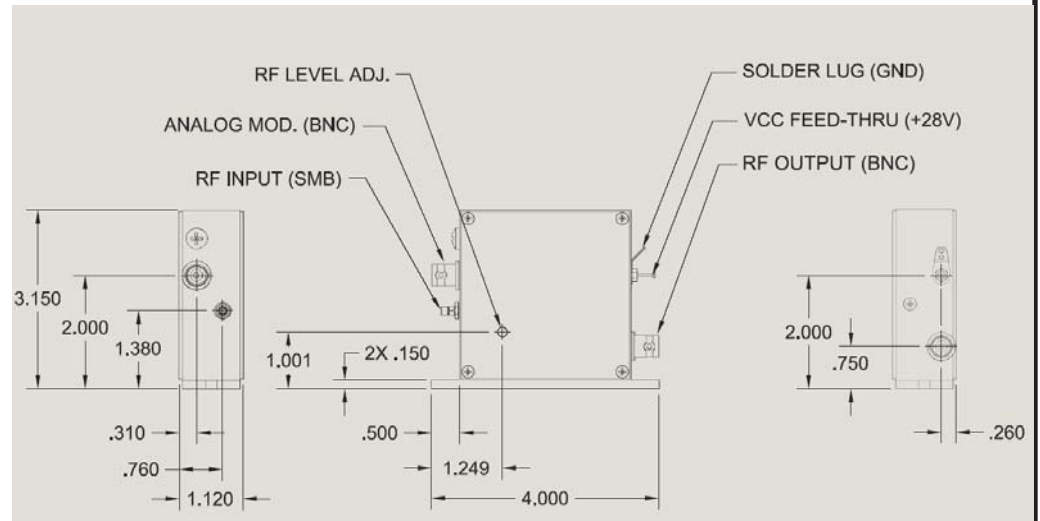
Input Voltage 0 to 1 V, 1V = Full on, 0V = Off
Input Impedance 50 Ohms

RF Output (BNC Female)

Output Power @ 200 MHz 2.5 W
Rise/Fall Time 5 nsec Typ.
RF Bandwidth +/- 10 MHz
2nd Harmonic Distortion @ 200 MHz -20 dBc Max
3rd Harmonic Distortion @ 200 MHz -15 dBc Max
Output Impedance 50 Ohms
Output VSWR @ 200 MHz 1.5 : 1 Max
Output VSWR Over Bandwidth 2.0 : 1 Max
Power Supply Voltage (Filtered Feedthru) +28 VDC @ 500 mA
RF Level Adjustment Range 15 dB Min
Operating Temperature Range 0 < Tambient < +70° C

RF Input (SMB Male)

Input Frequency 200 MHz Nominal
Input Power +6dBm Nominal
Input Impedance 50 Ohms Nominal



Notes:

1. Amplifier module must be attached to a heatsink.
2. Output power factory set to 2.5 W with +6 dBm single tone input at 200 MHz. Power stability less than 5% over the heat sink's ambient temperature range of 0-70° C, after 5 minute warm-up.

Document

11/18/14

Control

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	G. Scholz 11/3/2014			
MATERIAL:	CHK				
FINISH:	APP		AODR 1200-A AMP MODULE		
	APP				
		PART NUMBER:	97-03282-01	REV:	1
		1 of 1			