

SPECIFICATIONS

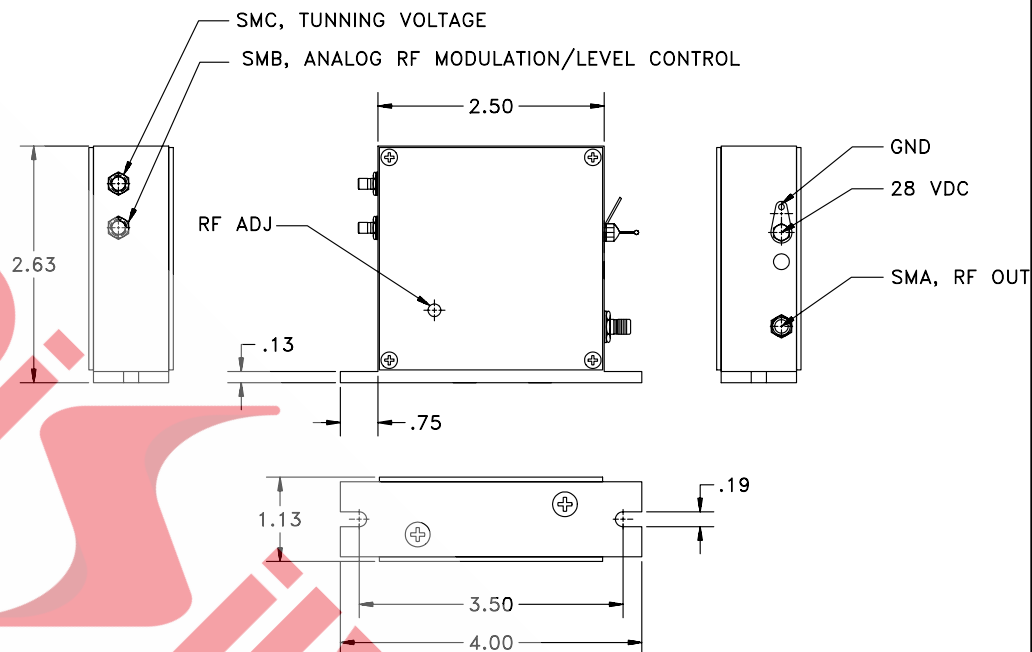
Frequency Tuning

Frequency Range	185 - 225 MHz
Voltage Range	+1.0 to +10.0VDC nominal
Source Impedance	10K Ohms
Modulation Bandwidth	5.0 MHz
Linearity	± 1% across full bandwidth
Input Connector	SMC Male

RF Output

Output Power	1.0 W nominal
Output Connector	SMA Female
RF Mod./Level Control Range	30 dB
RF Mod./Level Control Voltage	+0 V - +1.0 V analog
RF Mod./Level Control Connector	SMB Male
RF Mod./Level Control Response Time	<100 ns (50 Ohm source)
Power Supply Voltage (Vcc)	+28 V @ 600 mA
Output Impedance	50 Ohms
Output VSWR	1.5 : 1 Max
Harmonic Distortion	-20 dBc

OUTLINE DRAWING



Notes:

1. Flatness of output over the frequency range of 185 to 225 MHz is 1.0 +/- 0.2 Watts.

Document

06/14/11

Control

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TOLERANCES: .XX ± .01 .XXX ± .005	DR	G. Scholz 6/2/2011	Crystal Technology, LLC		
MATERIAL:	CHK		DESCRIPTION: AODR 1205FM-1		
FINISH:	APP				
	APP		PART NUMBER: 97-02333-03	REV: A	1 of 1