

REV	DATE	REVISION RECORD	DWN	AUTH
-	08-02-02	Draft	KH	JR
A	02-11-05	Corrected Drawing	SS	ML
B	01-21-09	Revised mechanical outline	VG	

OUTPUT

Frequency

10 MHz

Level

+13 ±2dBm into 50 ohms

STABILITY

Aging

1 x 10⁻¹⁰ per day
after 30 days operating, typical

Phase Noise L(f)

10 Hz -130 dBc
100 Hz -155 dBc
1 KHz -170 dBc
10 KHz -172 dBc

Temperature Stability

±1 x 10⁻⁹, 0° to +60°C

MECHANICAL

Dimensions

4 x 3 x 2"

Connectors

SMA and feedthru capacitor

Packaging

Machined aluminum enclosure case
Nickel plated per MIL-C-26074

POWER REQUIREMENTS

Warm-Up Power

10 Watts for 30 minutes

Total Power

5 Watts at +25°C

Supply Voltage

+15 VDC

ADJUSTMENT

Mechanical Tuning

±1 x 10⁻⁶

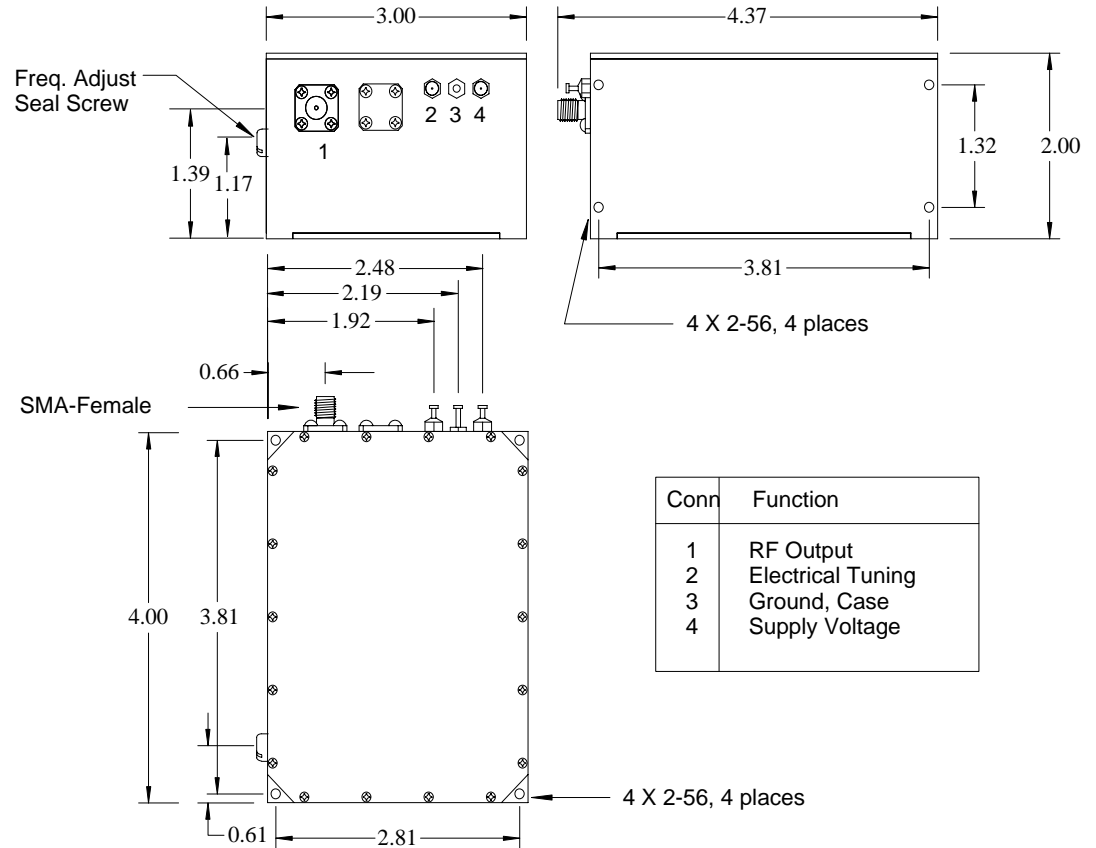
Electrical Tuning

±2 x 10⁻⁷, ±5 VDC
Negative slope


CRYSTAL

Type

10 MHz SC-cut



Connector numbers are for reference only.
They may not appear on unit.

 Wenzel Associates, Inc. Austin, Texas				
Title:				
10 MHz-SC Blue Top Ultra Low Noise Oscillator				
P/N:	Rev:	Date:	Drawn:	Ref:
501-09904	B	01-21-09		501-07128c
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821	Page 1 of 1