

REV	DATE	REVISION RECORD	DWN	AUTH
-	02-27-02	Draft	BH	

OUTPUT

Frequency

10 MHz

Level

+13 ±2dBm into 50 ohms

STABILITY

Aging

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

Phase Noise L(f)

10 Hz -130 dBc/Hz
100 Hz -155 dBc/Hz
1 kHz -165 dBc/Hz
10 kHz -165 dBc/Hz

Temperature Stability

±5 x 10⁻⁹, 0° to +50°C (Ref +25°C)

MECHANICAL

Dimensions

2 x 2 x 1"

Connectors

SMA and feedthru capacitor

Packaging

Sealed steel can

POWER REQUIREMENTS

Warm-Up Power

<5 Watts for 5 minutes

Total Power

<2.2 Watts at +25°C

Supply Voltage

+12 VDC

ADJUSTMENT

Mechanical Tuning

±1 x 10⁻⁶

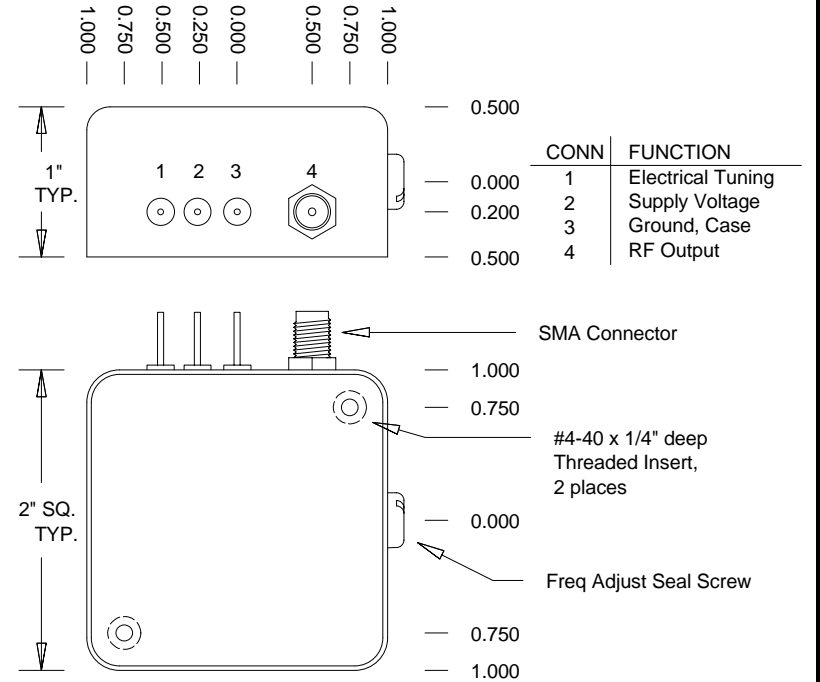
Electrical Tuning

±2 x 10⁻⁷, ±5 VDC
Negative slope


CRYSTAL

Type

10 MHz SC-cut



Connector numbers are for reference only, they are not marked on unit.

		Wenzel Associates, Inc. Austin, Texas	
Title: Premium 10 MHz-SC Streamline Crystal Oscillator			
P/N: 501-09451	Rev: -	Date: 02-27-02	Ref: 501-04609
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821 Page 1 of 1