

OUTPUT**Frequency**

80 MHz

Level

+13 dBm ±2 dB into 50 ohms

STABILITY**Aging**1 x 10⁻⁶ per year

after 30 days operating, typical

Phase Noise L(f)

100 Hz -132 dBc/Hz

1 KHz -160 dBc/Hz

10 KHz -176 dBc/Hz

100 KHz -176 dBc/Hz

Temperature Stability±1 x 10⁻⁷, 0° to +50°C (Ref +25°C)**MECHANICAL****Dimensions**

1.75 x 2.94 x 1"

Connectors

SMA and solder pins on side

Packaging

Solder sealed steel can

POWER REQUIREMENTS**Warm-Up Power**

5 Watts for 5 minutes

Total Power

2.5 Watts at +25°C

Supply Voltage

+15 VDC

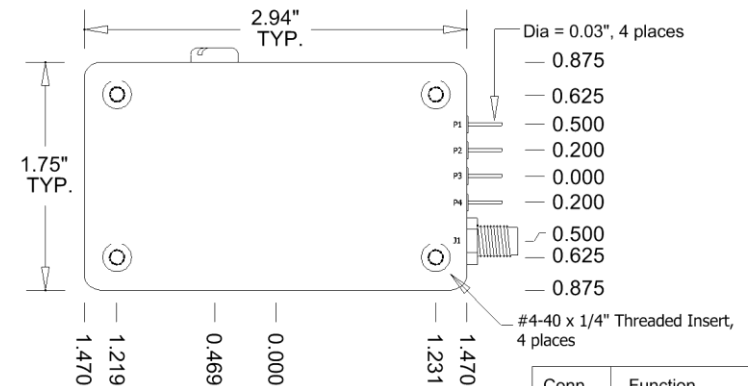
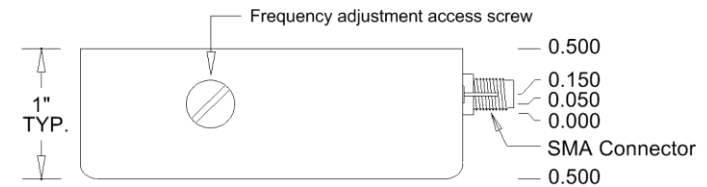
ADJUSTMENT**Mechanical Tuning**±4 x 10⁻⁶**Electrical Tuning**±2 x 10⁻⁷, ±5 VDC

Negative slope

CRYSTAL**Type**

80 MHz SC-cut

REV	DATE	REVISION RECORD	DWN	AUTH
-	11-14-06	Draft	YR	BH



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

Conn	Function
J1	RF Output
P1	N/C
P2	Electrical Tuning
P3	Supply Voltage
P4	Case Ground



Wenzel Associates, Inc.

Austin, Texas

Title:

Premium 80 MHz-SC Ultra Low Noise Crystal Osc.

P/N: 501-16841	Rev: -	Date: 11-14-06	Drawn:	Ref:
Tolerances: (except as noted) Dimensions are in inches		0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821