

REV	DATE	REVISION RECORD	DWN	AUTH
-	05-14-07	Draft	BH	JR
A	09-05-07	Frequency	PAC	

OUTPUT

Frequency (please specify)

- 1 100.625000 MHz
- 2 100.633291 MHz
- 3 100.641025 MHz
- 4 100.649350 MHz
- 5 100.987654 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 -130 dBc/Hz
- 1 kHz -160 dBc/Hz
- 10 kHz -176 dBc/Hz
- 20 kHz -176 dBc/Hz

Temperature Stability

±2 x 10⁻⁷, 0° to +60°C (Ref +25°C)

MECHANICAL

Dimensions

1.75 x 2.94 x 1"

Connectors

SMA on side and solder pins on base

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

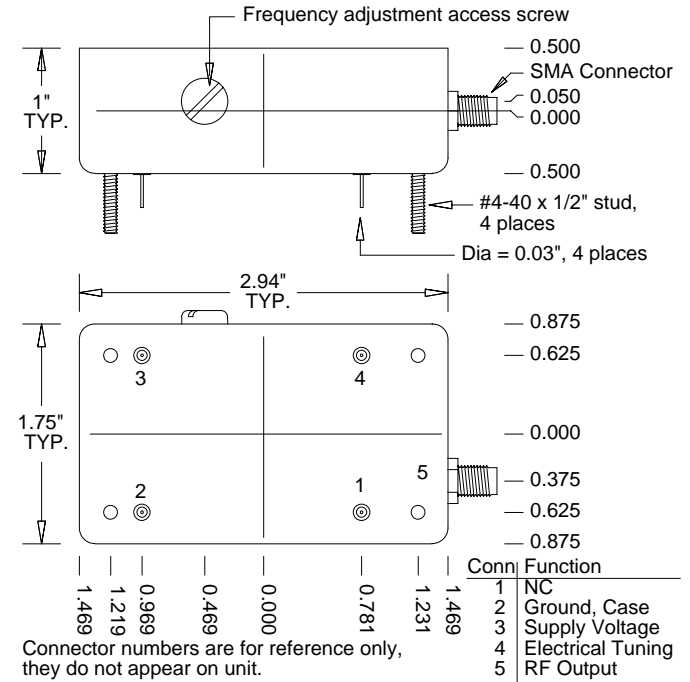
±2 x 10⁻⁷, ±5 VDC


Negative slope

CRYSTAL

Type

SC-cut



 Wenzel Associates, Inc. Austin, Texas				
Title:				
~100 MHz-SC Ultra Low Noise Crystal Oscillator				
P/N:	Rev:	Date:	Drawn:	Ref:
501-17586-x	A	09-05-07		
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821	Page 1 of 1