

REV	DATE	REVISION RECORD	DWN	AUTH
-	09-17-13	Draft	BH	LR
A	03-20-14	Noise at 100,1k,10k	Liz	
B	10-16-14	Noise	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)

1 Hz -107 dBc/Hz
10 Hz -142 dBc/Hz
100 Hz -160 dBc/Hz
1 kHz -165 dBc/Hz
10 kHz -167 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

+15 VDC

ADJUSTMENT

Mechanical Tuning

±1 x 10⁻⁶

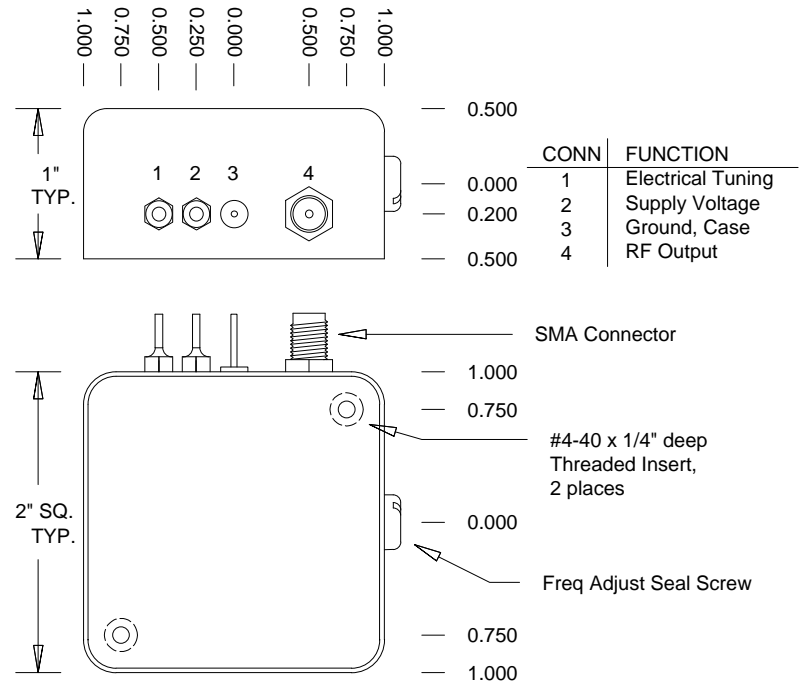
Electrical Tuning

±2 x 10⁻⁷, ±5 VDC
Negative slope

CRYSTAL

Type

10 MHz SC-cut



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



Wenzel Associates, Inc.

Austin, Texas

Title:

Super Premium 10 MHz-SC Streamline Crystal Osc.

P/N:

501-27180

Rev:

B

Date:

10-16-14

Drawn:

Ref:

Tolerances:
(except as noted)
Dimensions are in inches

0.XX Dec:

±0.030"

0.XXX Dec:

±0.010"

FSCM:

62821

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