

REV	DATE	REVISION RECORD	DWN	AUTH
-	03-20-95	Draft	BH	
A	01-25-98	Pin placement	KW	BK
B	04-07-03	Title	SS	

**OUTPUT**

**Frequency**

10 MHz

**Level**

+13 dBm ±2dBm into 50 ohms

**STABILITY**

**Aging**

5 x 10<sup>-9</sup> per day  
after 30 days operating, typical

**Phase Noise L(f)**

10 Hz -110 dBc/Hz  
100 Hz -145 dBc/Hz  
1 kHz -160 dBc/Hz  
10 kHz -165 dBc/Hz

**Temperature Stability**

±5 x 10<sup>-8</sup>, 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**

±4 x 10<sup>-6</sup>

**Electrical Tuning**

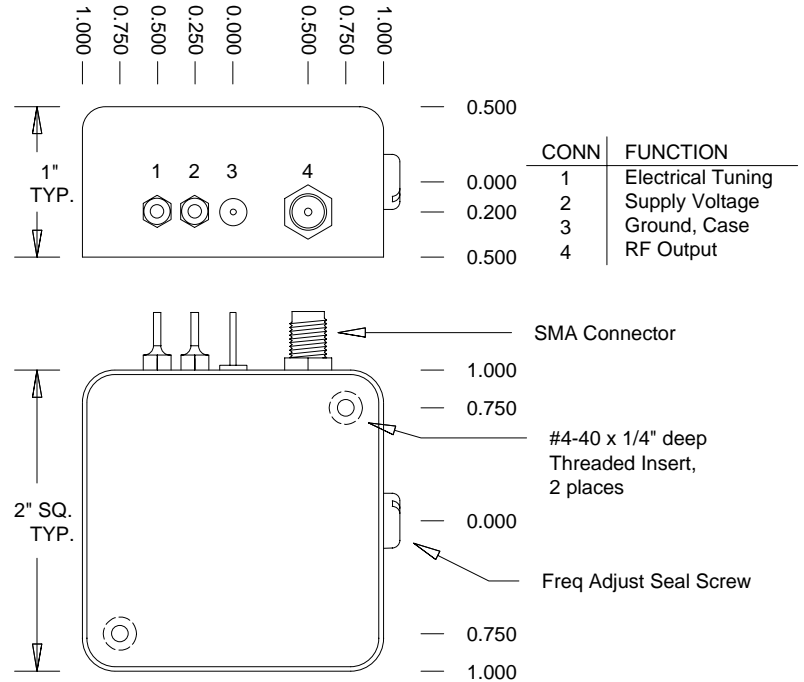
±2 x 10<sup>-7</sup>, ±5 VDC

Negative slope

**CRYSTAL**

**Type**

10 MHz AT-cut



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



**Wenzel Associates, Inc.**

Austin, Texas

Title:

**Standard 10 MHz-AT Streamline Crystal Oscillator**

P/N:

**501-04606**

Rev:

**B**

Date:

**04-07-03**

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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