

REV	DATE	REVISION RECORD	DWN	AUTH
-	03-20-95	Draft	BH	
A	02-18-99	Negative Slope	MS	
B	06-03-08	Removal of Aging Per Day	YR	BH

**OUTPUT**

**Frequency**

50 MHz

**Level**

+13 ±2 dBm into 50 ohms

**STABILITY**

**Aging**

3 x 10<sup>-7</sup> per year

after 30 days operating, typical

**Phase Noise L(f)**

100 Hz -135 dBc

1 KHz -155 dBc

10 KHz -165 dBc

20 KHz -167 dBc

**Temperature Stability**

±8 x 10<sup>-8</sup>, 0° to +50°C (Ref +25°C)

**MECHANICAL**

**Dimensions**

2 x 2 x 0.75"

**Connectors**

Solder pins on base

**Packaging**

Solder sealed steel can

**POWER REQUIREMENTS**

**Warm-Up Power**

<5 Watts for 5 minutes

**Total Power**

2.7 Watts at +25°C

**Supply Voltage**

+15 VDC

**ADJUSTMENT**

**Mechanical Tuning**

±3 x 10<sup>-6</sup>

**Electrical Tuning**

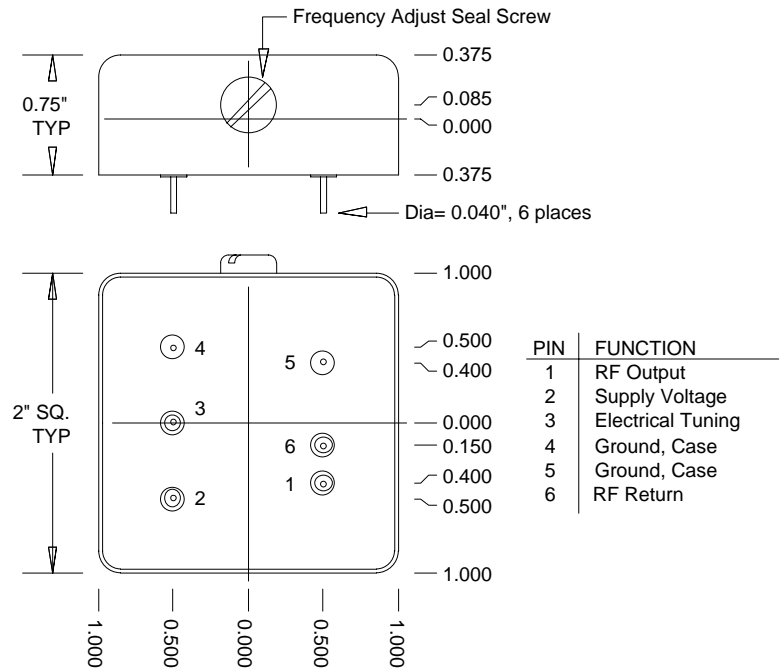
±5 x 10<sup>-7</sup>, ±5 VDC

Negative Slope


**CRYSTAL**

**Type**

50 MHz SC-cut



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

		<b>Wenzel Associates, Inc.</b>	
Austin, Texas			
Title: <b>Premium 50 MHz-SC Sprinter Crystal Oscillator</b>			
P/N: <b>501-04617</b>	Rev: <b>B</b>	Date: <b>06-03-08</b>	Drawn: Ref:
Tolerances: (except as noted) Dimensions are in inches		0.XX Dec: <b>±0.030"</b>	0.XXX Dec: <b>±0.010"</b>
		FSCM: <b>62821</b>	Page 1 of 1