

REV	DATE	REVISION RECORD	DWN	AUTH
-	02-20-95	Draft	BH	
A	03-19-99	Pin Function	MS	
B	05-29-02	Temp. Stability	PC	BH

OUTPUT

Frequency

10 MHz

Level

+13 ±2dBm into 50 ohms

STABILITY

Aging

5 x 10⁻⁹ per day
after 30 days operating, typical

Phase Noise L(f)

10 Hz -110 dBc
100 Hz -145 dBc
1 KHz -160 dBc
10 KHz -165 dBc

Temperature Stability

± 5 x 10⁻⁸, 0° to +50°C (Ref +25°C)

MECHANICAL

Dimensions

2 x 2 x 4"

Connectors

SMA and 7 pin header

Packaging

Solder sealed steel can

POWER REQUIREMENTS

Warm-Up Power

<4 Watts for 5 minutes

Total Power

<1.7 Watts at +25°C

Supply Voltage

+15 VDC

ADJUSTMENT

Mechanical Tuning

±4 x 10⁻⁶

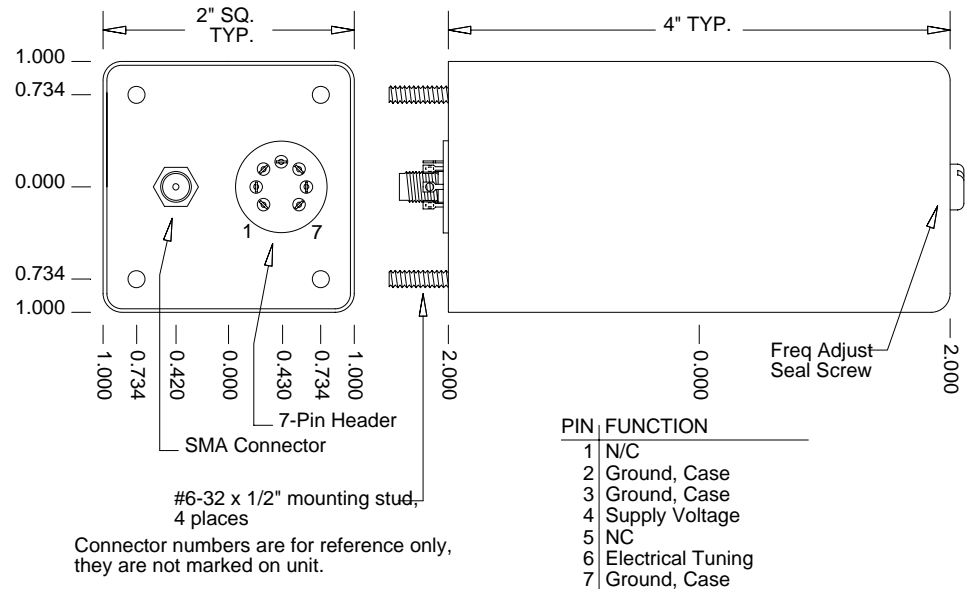
Electrical Tuning

±2 x 10⁻⁷, ±5 VDC
Negative slope

CRYSTAL

Type

10 MHz AT-cut



Wenzel Associates, Inc.

Austin, Texas

Title:

Standard 10 MHz-AT Timekeeper Crystal Oscillator

P/N: 501-04489	Rev: B	Date: 05-29-02	Drawn:	Ref:
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Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821	Page 1 of 1
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