

REV	DATE	REVISION RECORD	DWN	AUTH
-	02-20-95	Draft	BH	
A	03-19-99	Pin Function	MS	

OUTPUT

Frequency

5 MHz

Level

+13 ±2dBm into 50 ohms

STABILITY

Aging

1 x 10⁻¹⁰ per day

after 30 days operating, typical

2.5 x 10⁻¹⁰ per day at time of

shipment

Phase Noise L(f)

10 Hz -135 dBc

100 Hz -160 dBc

1 KHz -165 dBc

10 KHz -165 dBc

Temperature Stability

±2 x 10⁻⁹, 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

±1 x 10⁻⁶

Electrical Tuning

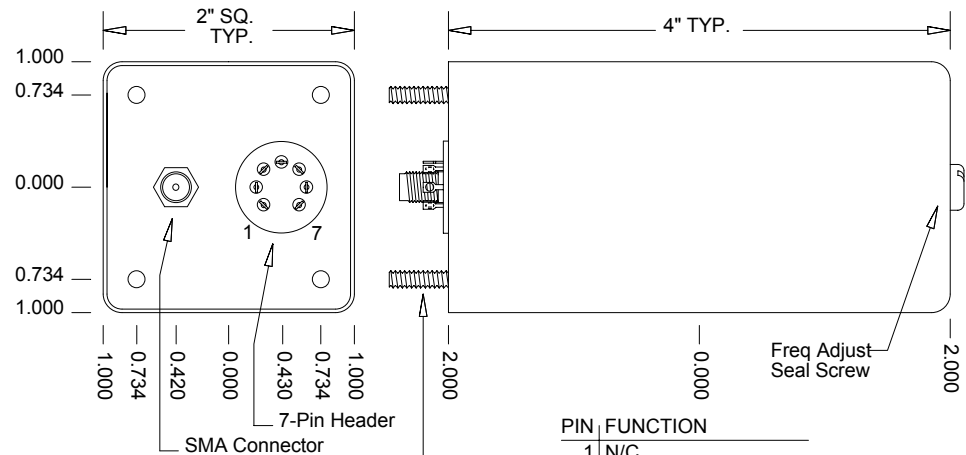
±2 x 10⁻⁷, ±5 VDC

Negative slope

CRYSTAL

Type

5 MHz SC-cut



#6-32 x 1/2" mounting stud,
4 places
Connector numbers are for reference only,
they are not marked on unit.

PIN	FUNCTION
1	N/C
2	Ground, Case
3	Ground, Case
4	Supply Voltage
5	NC
6	Electrical Tuning
7	Ground, Case



Wenzel Associates, Inc.

Austin, Texas

Title:

Premium 5 MHz-SC Timekeeper Crystal Oscillator

P/N: 501-04488	Rev: A	Date: 03-19-99	Drawn:	Ref:
--------------------------	------------------	--------------------------	--------	------

Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821	Page 1 of 1
--	-----------------------------	------------------------------	-----------------------	-------------