

OUTPUT

Frequency

33.554432 MHz

Level

+13 dBm \pm 2dB into 50 ohms

STABILITY

Aging

$\pm 1 \times 10^{-6}$ first year

after 30 days operating, typical

$\pm 5 \times 10^{-7}$ per year thereafter, typical

Phase Noise L(f)

10 Hz -100 dBc/Hz

100 Hz -130 dBc/Hz

1 kHz -155 dBc/Hz

10 kHz -165 dBc/Hz

Temperature Stability

$\pm 5 \times 10^{-7}$, 0° to +50°C (Ref +25°C)

MECHANICAL

Dimensions

2 x 2 x 0.75"

Connectors

SMA and feedthru capacitor

Packaging

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

$\pm 3 \times 10^{-6}$

Electrical Tuning

$\pm 5 \times 10^{-7}$, ± 5 VDC

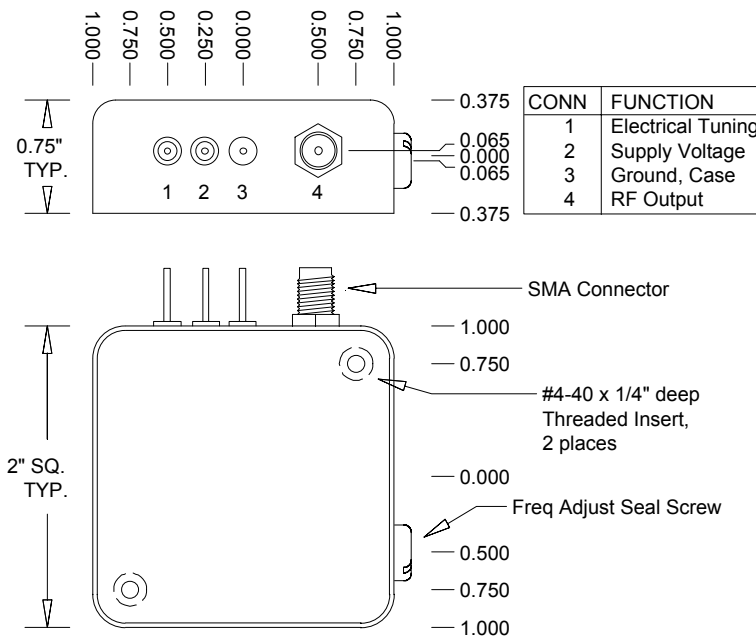
Negative Slope

CRYSTAL

Type

33.554432 MHz SC-cut

REV	DATE	REVISION RECORD	DWN	AUTH
-	04-15-05	Draft	PAC	



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



Wenzel Associates, Inc.

Austin, Texas

Title:

33.554432 MHz-SC Sprinter Crystal Oscillator

P/N:

500-14276

Rev:

-

Date:

04-15-05

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