

OUTPUT

Frequency

70 MHz

Level

+13 $\pm$ 2dB into 50 ohms

STABILITY

Aging

$\pm 1 \times 10^{-6}$ per year
after 30 days operating, typical

Phase Noise L(f)

100 Hz -130 dBc/Hz
1 kHz -155 dBc/Hz
10 kHz -165 dBc/Hz
20 kHz -167 dBc/Hz

Temperature Stability

$\pm 1 \times 10^{-7}$, 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

+12 VDC

ADJUSTMENT

Mechanical Tuning

$\pm 4 \times 10^{-6}$

Electrical Tuning

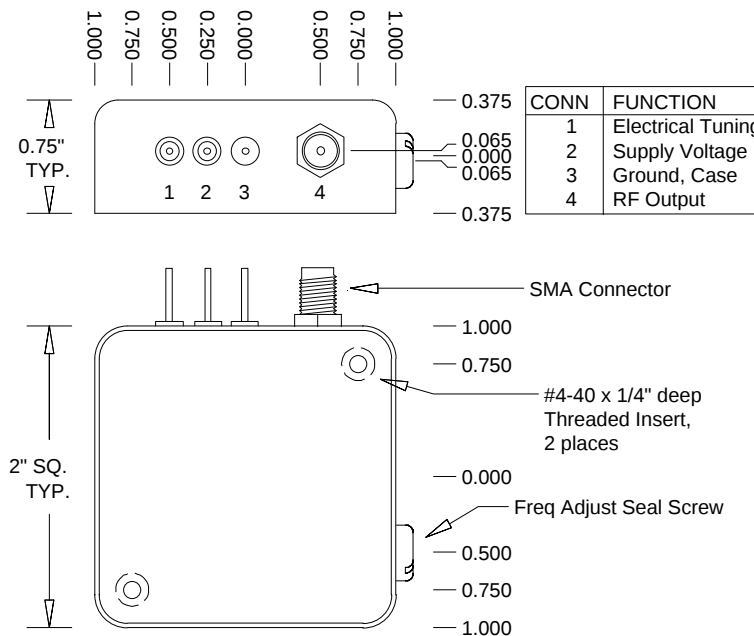
$\pm 5 \times 10^{-7}$, ± 5 VDC
Negative Slope

CRYSTAL

Type

70 MHz SC-cut

REV	DATE	REVISION RECORD	DWN	AUTH
-	04-10-18	Draft	BH	



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



Wenzel Associates, Inc.

Austin, Texas

Title:

Premium 70 MHz-SC Sprinter Crystal Oscillator

P/N:

501-31603

Rev:

-

Date:

04-10-18

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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