

OUTPUT

Frequency

71 MHz

Level

+12 dBm \pm 2dBm into 50 ohms

STABILITY

Aging

5×10^{-9} per day

after 30 days operating, typical

Phase Noise L(f)

10 Hz -90 dBc/Hz

100 Hz -110 dBc/Hz

1 kHz -140 dBc/Hz

10 kHz -160 dBc/Hz

Temperature Stability

$\pm 5 \times 10^{-8}$, 0° to +50°C (Ref +25°C)

MECHANICAL

Dimensions

2 x 2 x 1"

Connectors

SMA(f) and feedthru capacitor

Packaging

Sealed steel can

POWER REQUIREMENTS

Warm-Up Power

<5 Watts for 5 minutes

Total Power

<2.2 Watts at +25°C

Supply Voltage

+15 VDC \pm 5%

ADJUSTMENT

Electrical Tuning

$\pm 50 \times 10^{-6}$ goal, ± 10 VDC

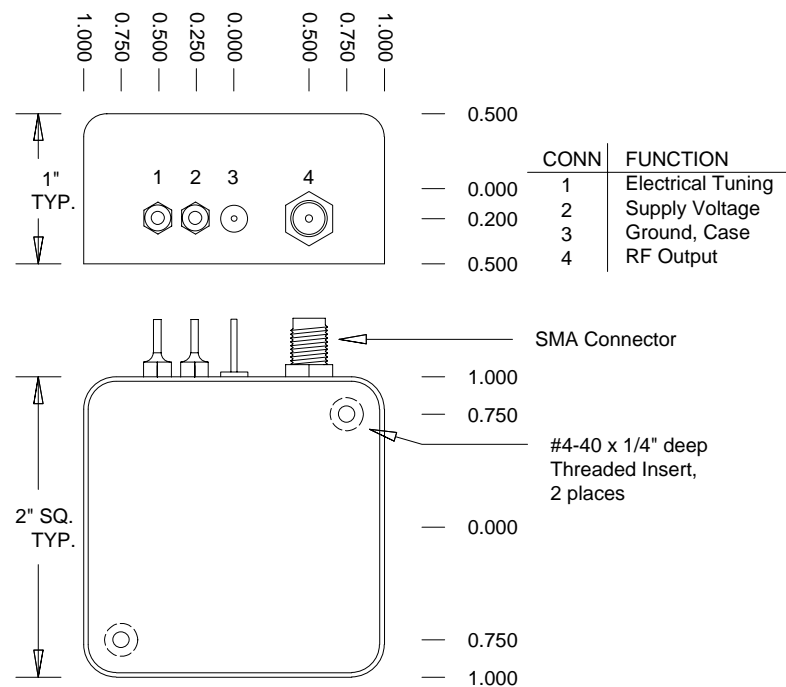
Negative slope

CRYSTAL

Type

71 MHz AT-cut

REV	DATE	REVISION RECORD	DWN	AUTH
-	03-27-09	Initial Release	PAC	



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



Wenzel Associates, Inc.
Austin, Texas

Title:

71 MHz-AT Sprinter Crystal Oscillator

P/N:

500-20761

Rev:

-

Date:

03-27-09

Drawn:

Ref:

500-14929

Tolerances:
(except as noted)
Dimensions are in inches

0.XX Dec:

± 0.030 "

0.XXX Dec:

± 0.010 "

FSCM:

62821

Page 1 of 1