

04609 REV	DATE	REVISION RECORD	DWN	AUTH
-	09-17-07	Draft	SS	GP

OUTPUT

Frequency

10 MHz

Level

+13 \pm 2dBm into 50 ohms

STABILITY

Aging

5×10^{-10} per day

after 30 days operating, typical

Phase Noise L(f)

10 Hz -130 dBc/Hz

100 Hz -155 dBc/Hz

1 kHz -165 dBc/Hz

10 kHz -165 dBc/Hz

Temperature Stability

$\pm 5 \times 10^{-9}$, 0° to +50°C (Ref +25°C)

MECHANICAL

Dimensions

2 x 2 x 1"

Connectors

SMA 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

ADJUSTMENT

Mechanical Tuning

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

Electrical Tuning

$\pm 2 \times 10^{-7}$, ± 5 VDC

Negative slope

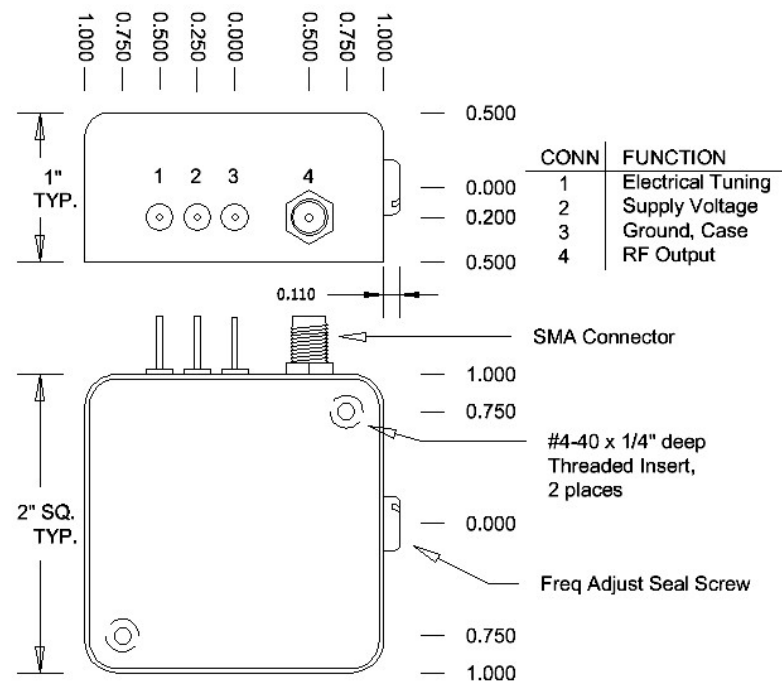
CRYSTAL

Type

10 MHz SC-cut

OTHER

ROHS Compliant



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



Wenzel Associates, Inc.

Austin, Texas

Title:

Prem 10 MHz-SC Streamline Crystal Osc (RoHS)

P/N:

501-18166

Rev:

-

Date:

09-17-07

Drawn:

Ref:

501-04609a

Tolerances:
(except as noted)
Dimensions are in inches

0.XX Dec:

± 0.030 "

0.XXX Dec:

± 0.010 "

FSCM:

62821

Page 1 of 1