

## OUTPUT

### Frequency

29 - 35 MHz, please specify

### Level

+12 dBm  $\pm$ 2dBm into 50 ohms

## STABILITY

### Aging

$5 \times 10^{-9}$  per day

after 30 days operating, typical

### Phase Noise L(f)

10 Hz -110 dBc/Hz

100 Hz -140 dBc/Hz

1 kHz -160 dBc/Hz

10 kHz -165 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 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

### Electrical Tuning

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

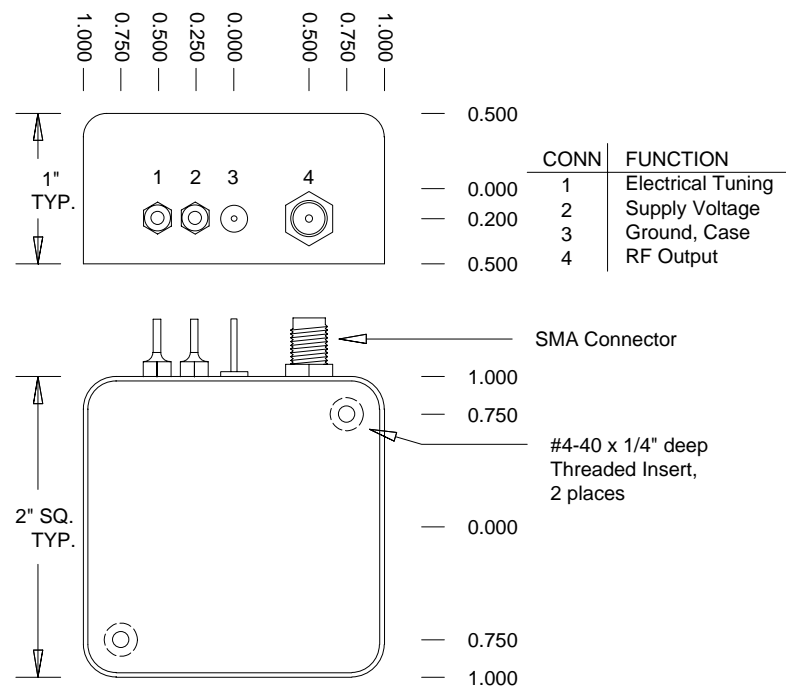
Negative slope

## CRYSTAL

### Type

29 - 35 MHz AT-cut

REV	DATE	REVISION RECORD	DWN	AUTH
-	09-08-05	Draft	VG	



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



**Wenzel Associates, Inc.**

Austin, Texas

Title:

**29 - 35 MHz-AT Streamline Crystal Oscillator**

P/N:

**500-14928**

Rev:

**-**

Date:

**09-08-05**

Drawn:

Ref:

Tolerances:  
(except as noted)  
Dimensions are in inches

0.XX Dec:

**$\pm 0.030$ "**

0.XXX Dec:

**$\pm 0.010$ "**

FSCM:

**62821**

Page **1** of **1**