

**OUTPUT****Frequency**

10 MHz

**Level**

+13 ±2 dBm into 50 ohms

**STABILITY****Aging**5 x 10<sup>-9</sup> per day

after 30 days operating, typical

**Phase Noise L(f)**

10 Hz -110 dBc

100 Hz -145 dBc

1 KHz -160 dBc

10 KHz -165 dBc

**Temperature Stability**±5 x 10<sup>-8</sup>, 0° to +50°C (Ref +25°C)**MECHANICAL****Dimensions**

2 x 2 x 1"

**Connectors**

Solder pins on base

**Packaging**

Solder sealed steel can

**POWER REQUIREMENTS****Warm-Up Power**

&lt;5 Watts for 5 minutes

**Total Power**

&lt;2.2 Watts at +25°C

**Supply Voltage**

+15 VDC

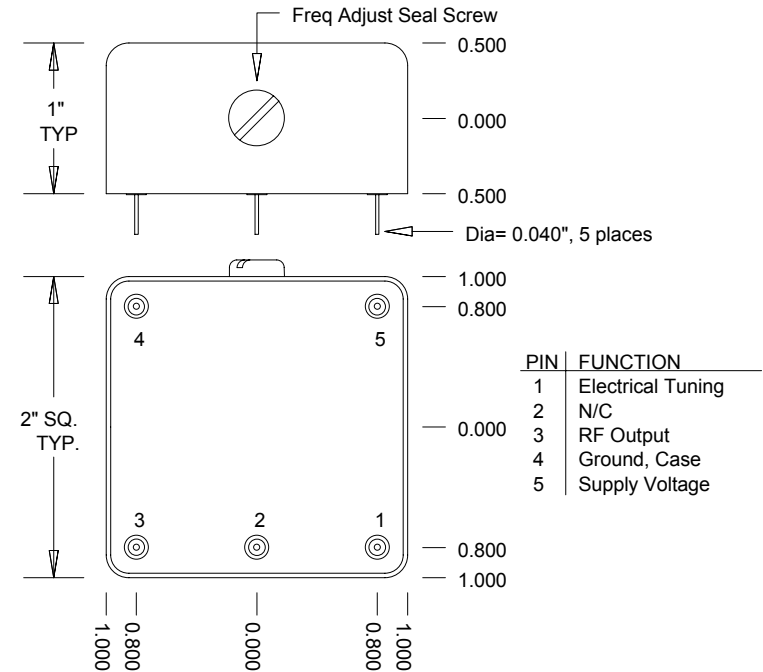
**ADJUSTMENT****Mechanical Tuning**±4 x 10<sup>-6</sup>**Electrical Tuning**±2 x 10<sup>-7</sup>, ±5 VDC

Negative slope

**CRYSTAL****Type**

10 MHz AT-cut

REV	DATE	REVISION RECORD	DWN	AUTH
-	02-20-95	Draft	BH	



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


**Wenzel Associates, Inc.**

Austin, Texas

Title:

**Standard 10 MHz-AT Streamline Crystal Oscillator**

P/N:

**501-04510**

Rev:

-

Date:

**02-20-95**

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