

REV	DATE	REVISION RECORD	DWN	AUTH
-	05-14-07	Draft	KW	GP

**OUTPUT**

**Frequency**

95 MHz

**Level**

+10 dBm ±2 dBm into 50 ohms

**STABILITY**

**Aging**

±1 x 10<sup>-6</sup> per year  
after 30 days operating, typical

**Phase Noise L(f)**

100 Hz -110 dBc/Hz  
1 kHz -140 dBc/Hz  
10 kHz -160 dBc/Hz  
20 kHz -160 dBc/Hz

**Temperature Stability**

±2 x 10<sup>-6</sup>, 0° to +60°C (Ref +25°C)

**MECHANICAL**

**Dimensions**

1.5 x 1.5 x 0.5"

**Connectors**

Solder pins on base

**Packaging**

Solder sealed steel can

**POWER REQUIREMENTS**

**Warm-Up Power**

5 Watts for less than 1 minute

**Total Power**

1.3 Watts at +25°C

**Supply Voltage**

+15 VDC

**ADJUSTMENT**

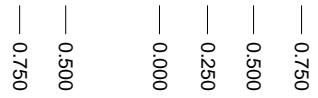
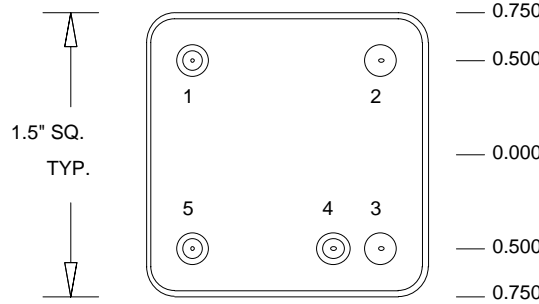
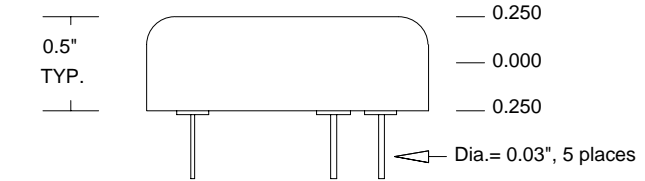
**Electrical Tuning**

±30 x 10<sup>-6</sup>, ±5 VDC  
Negative slope

**CRYSTAL**


**Type**

95 MHz AT-cut, 3<sup>rd</sup> OT



PIN	FUNCTION
1	Supply Voltage
2	Ground, Case
3	Ground, Case
4	RF Output
5	Electrical Tuning

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

 <b>Wenzel Associates, Inc.</b> Austin, Texas				
Title:				
<b>95 MHz-AT L.O. Series Crystal Oscillator</b>				
P/N:	Rev:	Date:	Drawn:	Ref:
<b>501-17596</b>	<b>-</b>	<b>05-14-07</b>		501-04559
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: <b>±0.030"</b>	0.XXX Dec: <b>±0.010"</b>	FSCM: <b>62821</b>	Page 1 of 1