

REV	DATE	REVISION RECORD	DWN	AUTH
-	04-08-99	Draft	KW	

**OUTPUT**

**Frequency**

10 MHz

**Level**

+7 dBm ±2dB into 50 ohms

**STABILITY**

**Aging**

5 x 10<sup>-10</sup> per day after 30 days of continuous operation

**Phase Noise L(f)**

10 Hz -110 dBc  
 100 Hz -135 dBc  
 1 KHz -150 dBc

**Temperature Stability**

±1 x 10<sup>-7</sup>, 0 to +60 °C

**MECHANICAL**

**Dimensions**

2.01 x 1.62 x .98"

**Connectors**

Solder pins on base

**Packaging**

Steel can on pcb base

**POWER REQUIREMENTS**

**Warm-Up Power**

< 5 Watts for 5 minutes

**Total Power**

< 2.7 Watts at +25°C, typical

**Supply Voltage**

+15 VDC, ± 5%

**ADJUSTMENT**

**Electrical Tuning**

± 1 ppm, 0 to +10 VDC  
 ± .1 ppm at +5 Volts at time of shipment

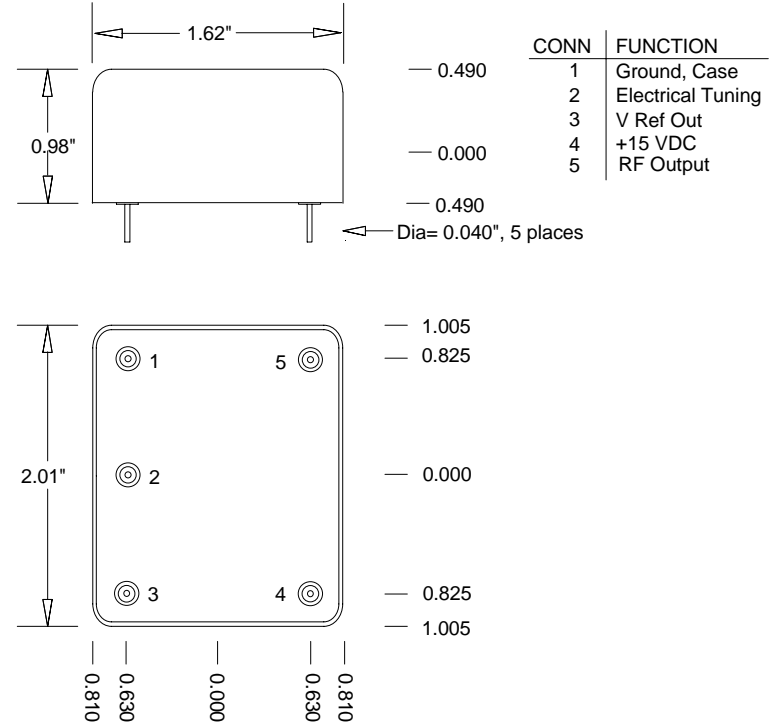
**CRYSTAL**


**Type**

10 MHz AT-cut

**SPECIAL**

Designed for low thermal transients and minimum "pops."



 <b>Wenzel Associates, Inc.</b> Austin, Texas				
Title: <b>10 MHz-AT Compatible Oscillator</b>				
P/N: <b>501-07241</b>	Rev: -	Date: <b>04-08-99</b>	Drawn:	Ref: <b>501-07240</b>
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>
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