

REV	DATE	REVISION RECORD	DWN	AUTH
-	03-11-99	Draft	MS	
A	04-08-99	Correct Pin 4 Function	KW	
B	05-06-99	Phase Noise	MS	
C	09-18-00	ET	KW	GP

OUTPUT

Frequency

10 MHz

Level

+7 dBm ±2dB into 50 ohms

STABILITY

Aging

2 x 10⁻¹⁰ per day after 30 days of continuous operation

Phase Noise L(f)

10 Hz -130 dBc/Hz

100 Hz -140 dBc/Hz

1 kHz -152 dBc/Hz

Temperature Stability

±1 x 10⁻⁸, 0 to +60 °C

MECHANICAL

Dimensions

2.01 x 1.62 x .98"

Connectors

Solder pins on base

Packaging

Sealed steel can

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

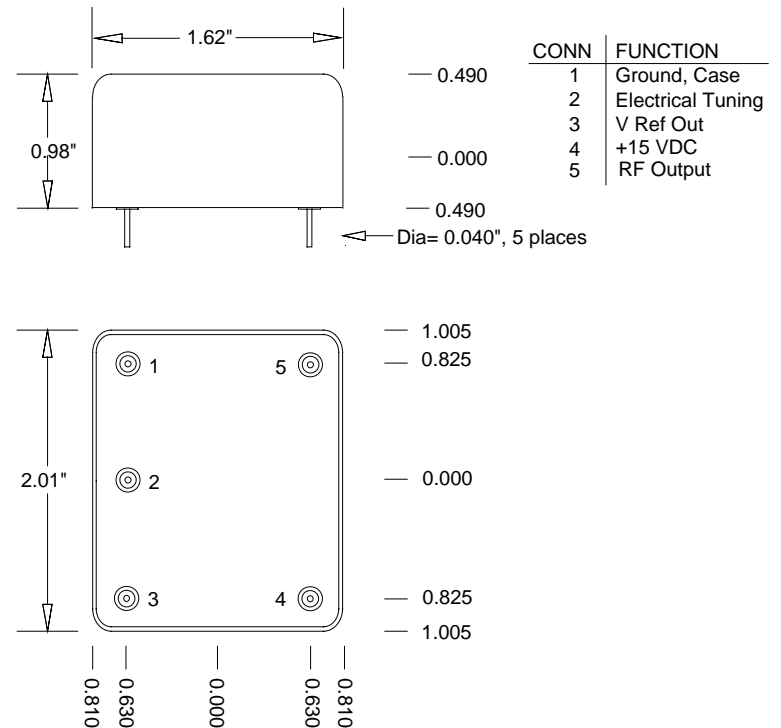
± 1 ppm, 0 to +10 VDC


± .3 ppm at +5 Volts at time of shipment

CRYSTAL

Type

10 MHz SC-cut



 Wenzel Associates, Inc. Austin, Texas				
Title:				
10 MHz-SC Compatible Oscillator				
P/N:	Rev:	Date:	Drawn:	Ref:
501-07183	C	09-18-00		500-06449
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821	Page 1 of 1