

**OUTPUT****Frequency**

10 MHz

**Level**

+13 dBm ± 2 dB into 50 ohms

**STABILITY****Aging (typical)**5 x 10<sup>-10</sup> per day after 30 days operating5 x 10<sup>-8</sup> per year, second year3 x 10<sup>-8</sup> per year, thereafter**Phase Noise L(f), typical, Static****Standard      Premium**

10 Hz    -120 dBc/Hz    -130 dBc/Hz

100 Hz   -140 dBc/Hz   -150 dBc/Hz

1 kHz    -150 dBc/Hz    -160 dBc/Hz

10 kHz   -158 dBc/Hz    -165 dBc/Hz

**Temperature Stability****E:** ±1 x 10<sup>-8</sup>, 0° to +50°C (Ref +25°C)**F:** ±2 x 10<sup>-8</sup>, -20° to +70°C (Ref +25°C)**G:** ±1 x 10<sup>-7</sup>, -55° to +85°C (Ref +25°C)**Harmonics**

≤ -30 dBc

**Spurious**≤ -80 dBc, excluding power  
supply line related spurs**MECHANICAL****Packaging**

Solder sealed steel can

**Dimensions**

A: 1.44 x 1.13 x 0.75"

B: 2.01 x 1.62 x 0.98"

**Connectors / Mounting**

Solder pins on base; thru-hole PCB Mount

**POWER REQUIREMENTS**

≤ 6 Watts for 5 minutes at +25°C

**Total Power**

≤ 3 Watts at +25°C

**Supply Voltage**

+15 VDC ± 5% or +12 VDC ± 5%

**ADJUSTMENT**(consult factory for non standard  
tuning options)**Electrical Tuning**

± 1.5 ppm, 0 to +10 VDC, typical

± 0.3 ppm at +5 Volts at time of  
shipment**CRYSTAL****Type**

10 MHz SC-cut

REV	DATE	REVISION RECORD	DWN	AUTH
-	12-9-13	Initial Release	CB	

**Ordering Options**

-XX	Voltage	Phase Noise L(f)	Package	Temp (Ref +25°C)
01	+15V	Standard	A	E
02	+15V	Standard	A	F
03	+15V	Standard	A	G
04	+15V	Standard	B	E
05	+15V	Standard	B	F
06	+15V	Standard	B	G
11	+15V	Premium	A	E
12	+15V	Premium	A	F
13	+15V	Premium	A	G
14	+15V	Premium	B	E
15	+15V	Premium	B	F
16	+15V	Premium	B	G
21	+12V	Standard	A	E
22	+12V	Standard	A	F
23	+12V	Standard	A	G
24	+12V	Standard	B	E
25	+12V	Standard	B	F
26	+12V	Standard	B	G
31	+12V	Premium	A	E
32	+12V	Premium	A	F
33	+12V	Premium	A	G
34	+12V	Premium	B	E
35	+12V	Premium	B	F
36	+12V	Premium	B	G

**Wenzel Associates, Inc.**

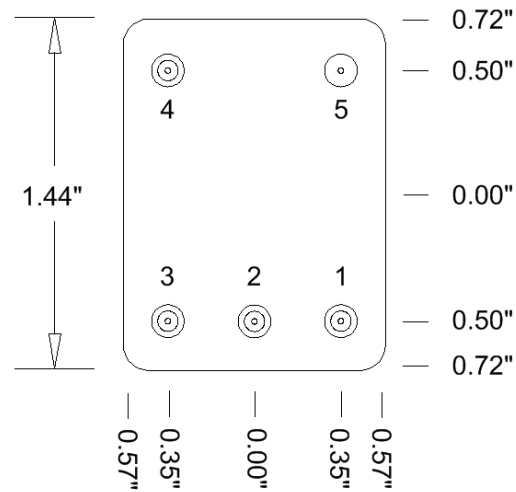
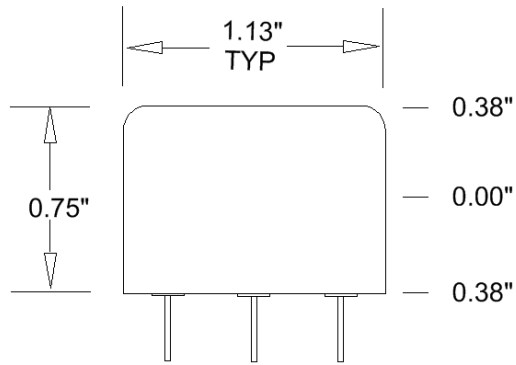
Austin, Texas

Title:

**10 MHz-SC Compatible Oscillator**

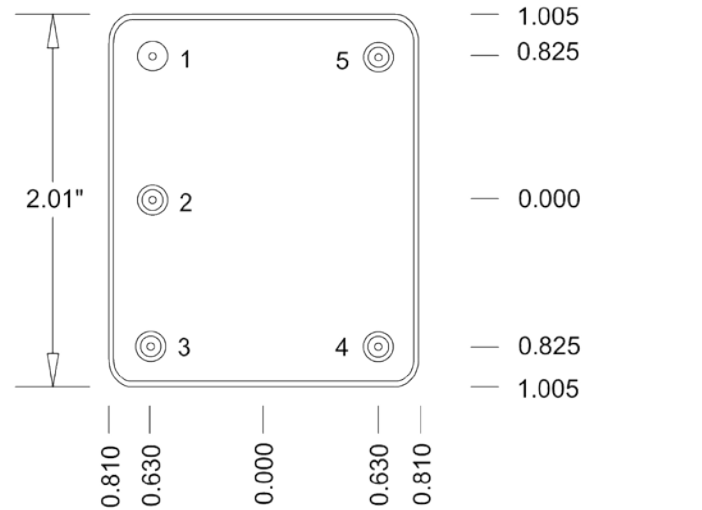
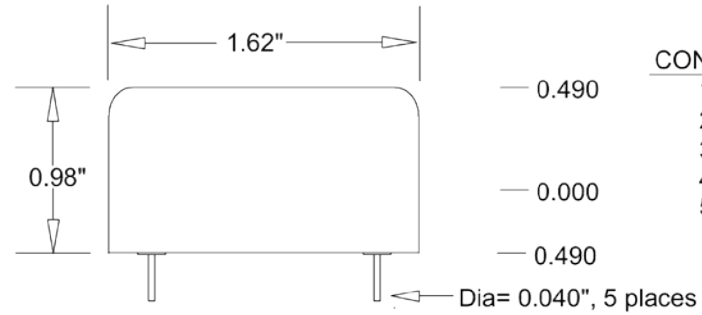
P/N: <b>501-27554-xx</b>	Rev: -	Date: <b>12-9-13</b>	Drawn:	Ref: 10096B
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: <b>±0.030"</b>	0.XXX Dec: <b>±0.010"</b>	FSCM: <b>62821</b>	Page 1 of 2

Package A



Pin	Function
1	Electrical Tuning
2	N/C
3	Supply Voltage
4	RF Output
5	Ground, Case

Package B



CONN	FUNCTION
1	Ground, Case
2	Electrical Tuning
3	N/C
4	Supply Voltage
5	RF Output

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