

OUTPUT**Frequency**

10 MHz

Level

+13 dBm ± 2 dB into 50 ohms

STABILITY**Aging (typical)**5 x 10⁻¹⁰ per day after 30 days operating5 x 10⁻⁸ second year3 x 10⁻⁸ per year, thereafter**Phase Noise L(f)**

	Standard	Premium
10 Hz	-130 dBc/Hz	-140 dBc/Hz
100 Hz	-155 dBc/Hz	-160 dBc/Hz
1 kHz	-165 dBc/Hz	-165 dBc/Hz
10 kHz	-165 dBc/Hz	-165 dBc/Hz

Temperature Stability**E:** ±2 x 10⁻⁹, 0° to +50°C (Ref +25°C)**F:** ±5 x 10⁻⁹, -20° to +70°C (Ref +25°C)**G*:** ±1.5 x 10⁻⁸, -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

2" x 2" x 1"

Connectors / Mounting

Package A: SMA(f) and solder pins on side; threaded inserts, #4-40, 2 places

Package B: Solder pins on base; Thru hole PCB Mount

POWER REQUIREMENTS**Warm-Up Power**

≤ 5 Watts for 5 minutes at +25°C

G*: ≤ 6 Watts for 5 minutes at +25°C

Total Power

≤ 2.2 Watts at +25°C

G*: ≤ 3 Watts at +25°C

Supply Voltage

+15 VDC ±5% or +12 VDC ±5%

ADJUSTMENT

(consult factory for non-standard tuning options)

Mechanical Tuning±1 x 10⁻⁶**Electrical Tuning**±2 x 10⁻⁷, ±5 VDC, Negative slope**CRYSTAL****Type**

10 MHz SC-cut

OTHER**RoHS**

This part is RoHS compliant

REV	DATE	REVISION RECORD	DWN	AUTH
-	11-05-13	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

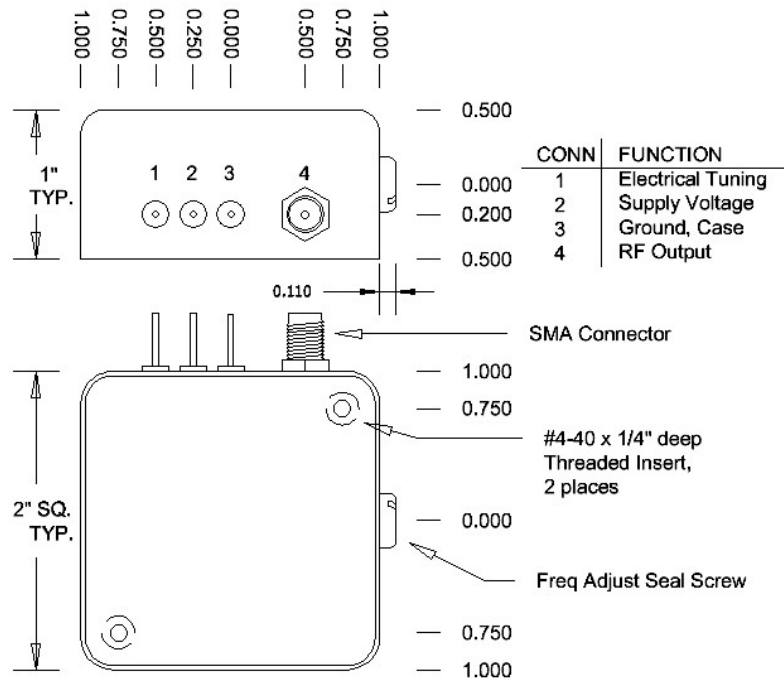
Title:

10 MHz-SC Streamline Crystal Osc. (RoHS)

P/N: 501-31749-xx	Rev: -	Date: 06-05-18	Drawn:	Ref: 27501
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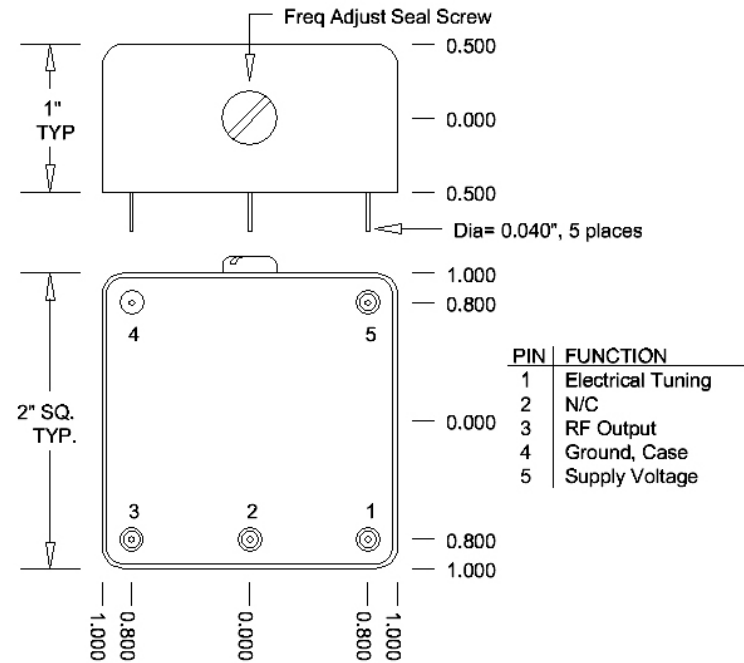
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821	Page 1 of 2
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Package A



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

Package B



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62821

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