

REV	DATE	REVISION RECORD	DWN	AUTH
-	06-15-99	Draft	MS	
A	07-30-99	Can Dimensions	KP	KW
B	06-21-01	Mechanical Tuning Height	KW	JR
C	03-26-03	Changed Freq Adj Screw on Drawing	SS	

OUTPUT

Frequency

5 MHz Dual

Level

+13 ±2dBm into 50 ohms

STABILITY

Aging

1 x 10⁻¹⁰ per day

after 30 days operating, typical

2.5 x 10⁻¹⁰ per day at time of shipment

Phase Noise L(f)

1 Hz -120 dBc

10 Hz -150 dBc

100 Hz -170 dBc

1 KHz -175 dBc

10 KHz -176 dBc

20 KHz -177 dBc

Temperature Stability

±5 x 10⁻¹⁰, 0° to +60°C

MECHANICAL

Dimensions

4 x 3 x 2"

Connectors

SMA and feedthru capacitor

Packaging

Machined aluminum enclosure case

Nickel plated per MIL-C-26074

POWER REQUIREMENTS

Warm-Up Power

10 Watts for 30 minutes

Total Power

5 Watts at +25°C

Supply Voltage

+15 VDC

ADJUSTMENT

Mechanical Tuning

±1 x 10⁻⁶

Electrical Tuning

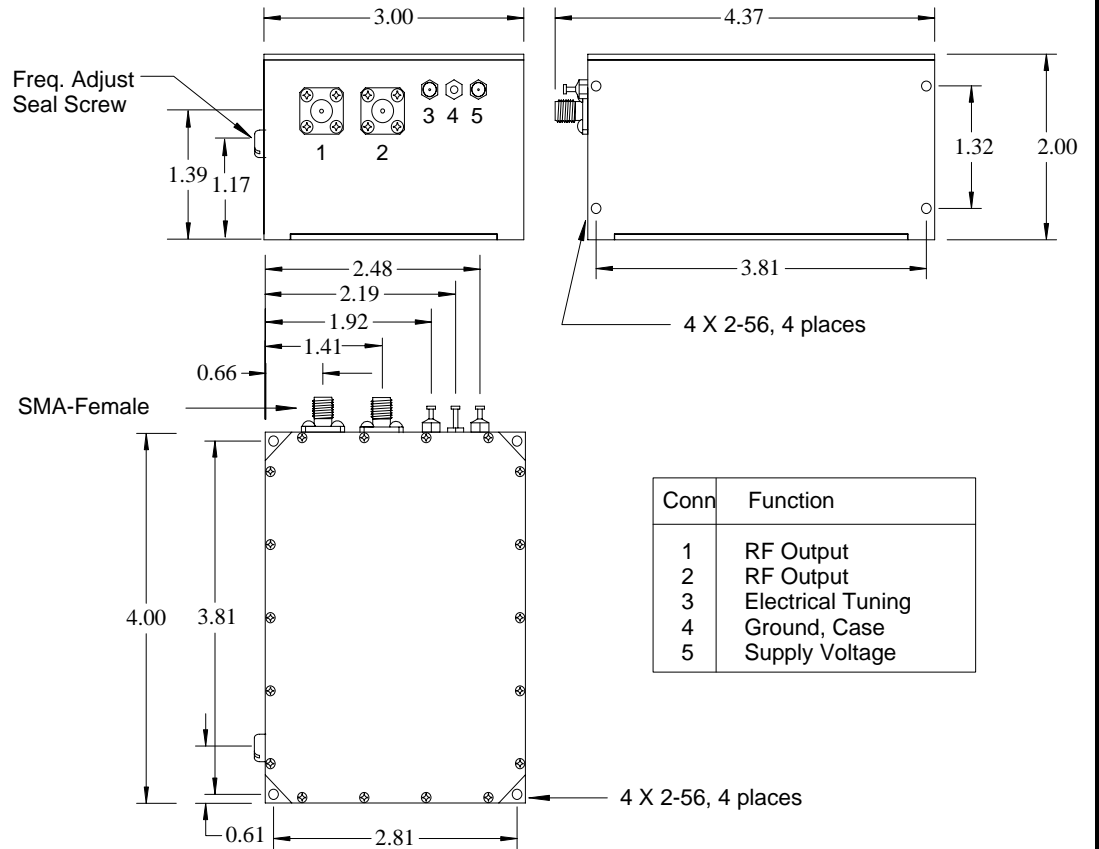
±2 x 10⁻⁷, ±5 VDC

Negative slope


CRYSTAL

Type

5 MHz SC-cut



Connector numbers are for reference only. They may not appear on unit.

 Wenzel Associates, Inc. Austin, Texas				
Title:				
5 MHz-SC Dual Blue Top Ultra Low Noise Osc.				
P/N:	Rev:	Date:	Drawn:	Ref:
501-07129	C	03-26-03		501-07127
Tolerances: (except as noted) Dimensions are in inches		0.XX Dec: ±0.030"	0.XXX Dec: ±0.010"	FSCM: 62821
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