REV	DATE	REVISION RECORD	DWN	AUTH
-	12-12-16	Initial Release	BH	BB

INPUT
Frequency, Level
5 or 10 MHz
-10 to +10 dB into 50 ohms
VSWR
1.25:1
OUTPUT
Frequency, Level
10 MHz
+13 dBm ±2 dB into 50 ohms
STABILITY
Aging
1×10^{-9} /day after 24 hours operating, preceeded by 3 days operation
Disciplined, with 24 hour input
5×10^{-8} /year typical
after 2 years of operation
Phase Noise L(f), Static

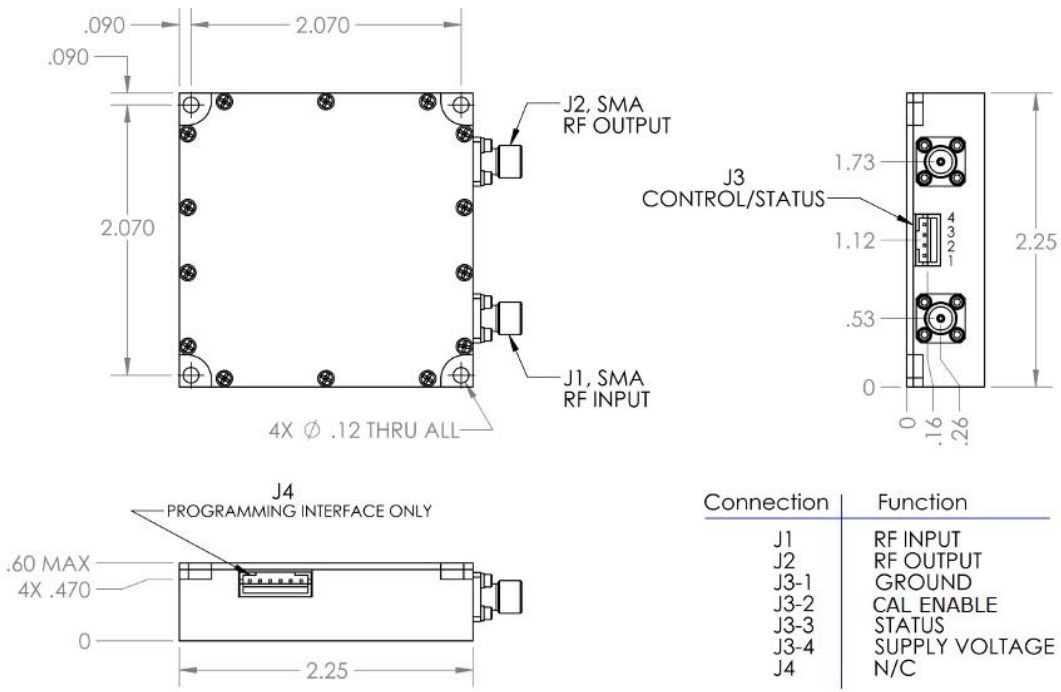
1 Hz	-108 dBc/Hz
10 Hz	-135 dBc/Hz
100 Hz	-155 dBc/Hz
1 KHz	-165 dBc/Hz

Temperature Stability, (Ref +25°C)
$\pm 2 \times 10^{-8}$, 0° to +50°C
Sub-Harmonics (5 MHz)
-45 dBc minimum
Input/Output PLL Rejection

1 Hz	15 dB Min.
10 Hz	35 dB Min
100 Hz	55 dB Min

MECHANICAL
Dimensions
2.26" x 2.26" x 0.61" maximum
Connectors
SMA Output, Feedthru capacitors
Packaging
Machined Aluminum Housing
POWER REQUIREMENTS
Warm-Up Power
<7.5 Watts for 5 minutes
Total Power
3.5 Watts at +25°C,6.8 Watts max, colc
Supply Voltage
+10.5 to +12.5 VDC

CRYSTAL
Type
10 MHz SC-cut
OTHER
Connector (J3-2)
Calibration enable: TTL Low (0V)
Calibration not enabled:
TTL High (5V)
Cover Programming Interface Connector



Connection	Function
J1	RF INPUT
J2	RF OUTPUT
J3-1	GROUND
J3-2	CAL ENABLE
J3-3	STATUS
J3-4	SUPPLY VOLTAGE
J4	N/C

Wenzel Associates, Inc.
Austin, Texas

Title:
10 MHz-SC Slow Transition, Low G PLO

P/N:	Rev:	Date:	Drawn:	Ref:
501-30534	-	12-12-16		29823

Tolerances: (except as noted) Dimensions are in inches	0.XX Dec:	0.XXX Dec:	FSCM:	Page 1 of 1
	±0.030"	±0.010"	62821	