OUTPUT	
Frequency	
80 MHz	
Level	
+18 dBm ±2 dB into 50 ohms	
STABILITY	
Aging	
1 x 10 ⁻⁶ per year	
after 30 days operating, typical	
Phase Noise L(f), Static	
100 Hz -135 dBc/Hz 1 kHz -162 dBc/Hz	
1 kHz -162 dBc/Hz	
10 kHz -183 dBc/Hz	
100 kHz -188 dBc/Hz	
Temperature Stability	
±2 x 10 ⁻⁷ , 0° to +50°C (Ref +25°C)	١
Harmonics	'
≤ -30 dBc	
Spurious	
≤ -90 dBc, excluding power	
supply line related spurs	
MECHANICAL	
Dimensions	
2 x 2 x 0.7"	
Connectors	
SMA(f) and solder pins on side	
Packaging	
Nickel-plated machined	
aluminum case – CV-1A	
POWER REQUIREMENTS	
Warm-Up Power	
≤ 8 Watts for 5 minutes	
Total Power	
≤ 4 Watts at +25°C	
Supply Voltage	
+15 VDC ±5%	
ADJUSTMENT	
Mechanical Tuning	
±4 x 10 ⁻⁶	
Electrical Tuning	
±5 x 10 ⁻⁷ , ±5 VDC	
Negative slope	

CRYSTAL Type				
80 MHz SC-Cut (low-g)				
Acceleration Sensitivity				
10				
≤ 5 x 10 ⁻¹⁰ /g per axis, typical				
ENVIRONMENTAL				

ENVIRONMENTAL Operating Temperature 0° to +50°C

Storage temperature -40° to +85°C

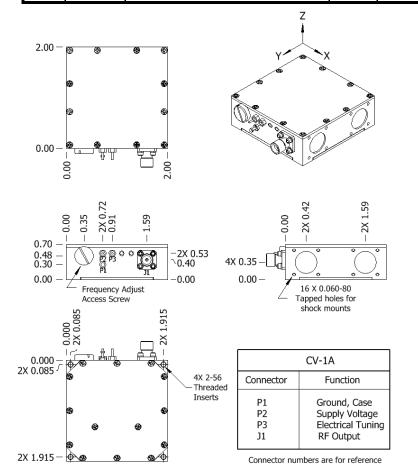
OTHER Label

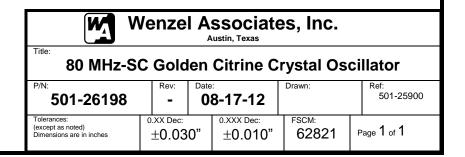
Use conventional label with the following information:
501-26198 (Current Rev.)
Golden Citrine
80 MHz
+15 VDC
Serial # - Date Code

Test Data

Output Level
Phase Noise, Static
Temperature Stability
Harmonics, Spurious
Power – Warm-up and Total
Tuning – MT and ET

REV	DATE	REVISION RECORD	DWN	AUTH
-	08-17-12	Initial Release	BH	PC





only and will not be marked on unit.