OUTPUT
Frequency
80 MHz
Level
+13 dBm ±2 dB into 50 ohms
STABILITY
Aging
1 x 10 <sup>-6</sup> per year
after 30 days operating, typical
Phase Noise L(f)
100 Hz -132 dBc/Hz 1 kHz -160 dBc/Hz
1 kHz -160 dBc/Hz
10 kHz -176 dBc/Hz
100 kHz -176 dBc/Hz
Temperature Stability
±2 x 10 <sup>-7</sup> , 0° to +50°C (Ref +25°C)
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
≤ 6 Watts for 5 minutes
Total Power
≤ 3 Watts at +25°C
Supply Voltage
+15 VDC ±5%
ADJUSTMENT
Mechanical Tuning
±4 x 10 <sup>-6</sup>
Electrical Tuning
±5 x 10 <sup>-7</sup> , ±5 VDC
Negative slope

CRYSTAL Type

OTHER Label

80 MHz SC-Cut (low-g)
Acceleration Sensitivity

ENVIRONMENTAL Operating Temperature 0° to +50°C

Storage Temperature -40° to +85°C

80 MHz Citrine

Output Level Phase Noise, Static

+15 VDC

**Test Data** 

following information: 501-26527 (Current Rev.)

Serial # - Date Code

Temperature Stability

Harmonics, Spurious

Tuning - MT and ET

Power - Warm-up and Total

 $\leq$  3 x 10<sup>-10</sup>/g per axis, typical

Use conventional label with the

EV	DATE	REVISION RECORD	DWN	AUTH
-	01-15-13	Initial Release	BH	JR
Α	05-29-13	Updated Spec; Temp Stability; Accel Sens	PAC	



