ОИТРИТ
Frequency
50 MHz
Level +13 dBm ±2 dB into 50 ohms
STABILITY
Aging
1 x 10 ⁻⁶ first year
after 30 days operating, typical
5 x 10 ⁻⁷ second year, typical
3 x 10 ⁻⁷ per year thereafter, typical
Phase Noise L(f), Static
100 Hz -135 dBc/Hz
1 kHz -158 dBc/Hz
10 kHz -175 dBc/Hz
100 kHz -176 dBc/Hz
Temperature Stability
±2 x 10 ⁻⁷ , 0° to +50°C (Ref +25°C)
Harmonics
≤ -30 dBc
Spurious ≤ -90 dBc, excluding power
supply line related spurs
MECHANICAL
Dimensions
2.8" x 3.0" x 1.15"
Connectors
SMA(f) and solder pins on side
Packaging Nickel plated machined
Nickel-plated machined aluminum case – (CVI-1)
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 ⁻⁶
Electrical Tuning
±5 x 10 ⁻⁷ min, ±5 VDC
Negative slope
rvegative stope

Type 50 MHz SC-cut (low-g) Acceleration Sensitivity S 5 x 10 ⁻¹⁰ / g per axis, typical ENVIRONMENTAL Operating Temperature 0° to +50°C Storage Temperature -40° to +85°C Resonance (Internal Mount Natural Frequency) -50 Hz, typical OTHER Label Use conventional label with the following information: 501-26252 (Current Rev.) 50 MHz Citrine +15 VDC Senal # - Date Code Test Data Output Level Phase Noise, Static Temperature Stability Harmonics, Spunious Power – Warm-up and Total Tuning – MT and ET Acceleration Sensitivity Mount Natural Frequency Resonance Wenzel Associates, Inc. Austin, Texas Premium 50 MHz-SC Citrine Vibration Isolated Crystal Oscillator		EV	DATE		REVISION RECORD	1	DWN	AUTH	
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(except as noted) Dimensions are in inches ± 0.030 " ± 0.010 " 62821 Page 1 of 1				± 0.030)" ±0.010"	62821	Page 1 o	of I	