OUTPUT	
Frequency	
120 MHz	
Level	10 dD into 50 above
STABILITY	±2 dB into 50 ohms
Aging	
1 x 10 ⁻⁶ p	or voor
•	ays operating, typical
Phase Noise	
	-133 dBc/Hz
	-159 dBc/Hz
	-180 dBc/Hz
	-188 dBc/Hz
Temperature	e Stability
$\pm 2 \times 10^{-7}$, 0° to +50°C (Ref +25°C
Harmonics	
≤ -30 dBc	
Spurious	
	, excluding power
supply lin	e related spurs
Dimensions	
2 x 2 x 0.7	
Connectors	'
	nd solder pins on side
Packaging	•
	ited machined
	case – CV-1A
	QUIREMENTS
Warm-Up Po	ower for 5 minutes
≥ ૦ પ્યવાાડ Total Power	
≤ 4 Watts	
Supply Volta	
+15 VDC	
ADJUSTME	
Mechanical	Tuning
±4 x 10 ⁻⁶	
Electrical Tu	
±2 x 10 ⁻⁷ ,	
Negative	
	r -

CRYSTAL Type

ENVIRONMENTAL
Operating Temperature
0° to +50°C
Storage temperature

-40° to +85°C

Golden Citrine 120 MHz +15 VDC

Output Level Phase Noise, Static

following information: 501-31393 (Current Rev.)

Serial # - Date Code

Temperature Stability

Harmonics, Spurious

Tuning – MT and ET

Power – Warm-up and Total

OTHER Label

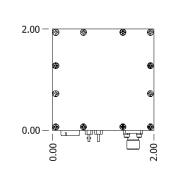
Test Data

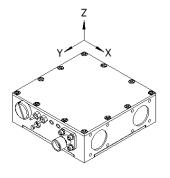
120 MHz SC-Cut (low-g)
Acceleration Sensitivity

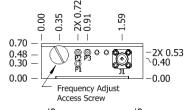
<5 x 10⁻¹⁰/g per axis, typical

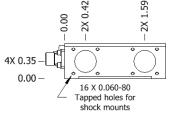
Use conventional label with the

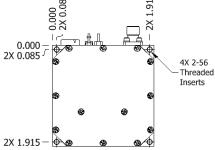
EV	DATE	REVISION RECORD	DWN	AUTH
-	01-05-18	Initial Release	BH	MG











CV-1A					
Connector	Function				
P1 P2 P3 J1	Ground, Case Supply Voltage Electrical Tuning RF Output				

Connector numbers are for reference only and will not be marked on unit.



Wenzel Associates, Inc.

Austin, Texas

120 MHz-SC Golden Citrine Crystal Oscillator

501-31393	Rev:	Date 0	Drawn:			Ref: 25900
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.03	0"	0.XXX Dec: ±0.010"	FSCM: 62821	Р	Page 1 of 1