INPUT	
Freque	
10 M	lHz, ±5 x 10 ⁻⁷
Level	
+7 dl	Bm ±5 dB into 50 ohms
OUTPU	Т
Frequei	
100 I	ИНz
Level	
	dBm ±2 dB into 50 ohms
STABIL	ITY
Aging	6
1 x 1	0 ⁻⁶ first year
after	30 days operating, typical
5 v 1	0 ⁻⁷ second year, typical
5 X I	-7
3 x 1	0 ⁻⁷ per year thereafter, typical
Phase N	Noise L(f), static, free-running
	Hz -130 dBc/Hz
	-158 dBc/Hz
	Hz -175 dBc/Hz
	kHz -176 dBc/Hz
ı emper	ature Stability
±5 x	10 ⁻⁷ free-running from 0 to +50°C
`	. +25°C)
Harmor	_
-30 c	
	rmonics
-80 c	
	rider Products
-80 c	
	rmonic Spurious
	Bc, excluding power
	ly line related spurs Lock Alarm
	OCK Alarm
TTL	ad: 12 E VDC to 15 2 VDC (Ui)
	ed: +3.5 VDC to +5.2 VDC (Hi)
	of-Lock: +0.8 VDC max (Lo)
	Lock Voltage Monitor
MECHA	nge monitor pin supplied
Dimens	
	x 1.3"
Connec	
	(f) and solder pins on side
CIVIA	(1) and solder pills off side

	REV	DATE	REVISION RECORD	DWN	AUTH
	-	08-30-12	Initial Release	PAC	JR
Packaging					
Nickel-plated machined					
aluminum case - CVPLO					
POWER REQUIREMENTS					
Warm-Up Power					

≤ 8 Watts for 5 minutes

Target Bandwidth: ≤ 10 Hz

100 MHz SC-cut (low-g)
Acceleration Sensitivity

 \leq 3 x 10⁻¹⁰/g per axis, typical

Use conventional label with the

Phase Noise, Static, Free-Running

Power – Warm-up and Total Acceleration Sensitivity

Temperature Stability, Free-Running

Harmonics, Subs, Products, Spurious

≤ 5 Watts at +25°C

Total Power

Supply Voltage +15 VDC ±5% ADJUSTMENT Loop BW

Type 2 Loop

ENVIRONMENTAL

0° to +50°C

Operating Temperature

following information:

100 MHz PL Citrine

Serial # - Date Code

+15 VDC

Output Level

Test Data

501-26229 (Current Rev.)

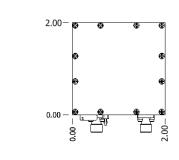
Storage Temperature

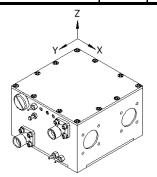
-40° to +85°C

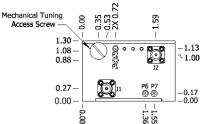
OTHER

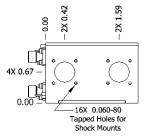
Label

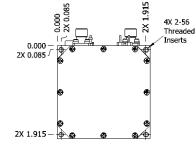
CRYSTAL Type











Title:

CVPLO						
Connector	Function					
P1	Ground, Case					
P2	Supply Voltage					
P6	Phase Lock Voltage Monitor					
P7	Phase Lock Alarm					
J1	External Reference Input					
J2	RF Output					

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

Wenzel Associates, Inc.

Austin, Texa

Premium 100 MHz-SC Phase Lock Citrine Crystal Oscillator

ciamic or joint occination												
P/N:	Rev:	Date	:	Drawn:		Ref:						
501-26229	-	0	8-30-12			ULN						
Tolerances: (except as noted) Dimensions are in inches	0.XX Dec: ±0.03	0"	0.XXX Dec: ±0.010"	FSCM: 62821	F	Page 1 of 1						