INPUT Frequenc 10 MH						
Level	Level					
+7 dBr OUTPUT	+7 dBm ±6 dB into 50 ohms					
	Frequency	Level (into 50Ω)				
A	100 MHz	+16 ±2 dBm				
В	300 MHz	+16 ±2 dBm				
STABILI [*]						
Aging (fr	ee-running)					
1 x 10) ⁻⁶ first year					
	after 30 days operating, typical					
5 x 10	\int_{-7}^{7} second year,	typical				
3 x 10	⁷ per year ther	eafter, typical				
Phase N	• • •	Hz, typical, (free-running) 300 MHz				
10 Hz	-105	-93				
100 Hz		-124				
1 kHz	-162	-150				
10 kHz	-183	-170				
100 kHz		-172				
	Temperature Stability					
±5 x 1	±5 x 10 ⁻⁷ free-running from 0 to +50 ℃					
	+25°C)					
Harmonics -25 dBc						
	-25 dBC Sub-Harmonics					
-60 dBc						
PLL Divider Products						
-60 dBc Spurious						
-80 dBc, excluding power						
supply line related spurs						
MECHANICAL Dimensions						
Dimensions 4.45 x 4 x 1"						
	Connectors					
RF Outputs: SMA(f)						
	Power, ET: Feed Thru Terminals GND: Ground Turret					
	Packaging					
NIS CO	Nialad adata dan adaire ad					

Nickel-plated machined

aluminum housing - G1P-01

Mounting

Threaded inserts on base.

≤ 15 Watts for 5 minutes

Target Bandwidth: ≤ 50 Hz

Locked: +3.5 VDC to +5.2 VDC (Hi)

Electrical tuning monitor pin supplied

Out-of-Lock: +0.8 VDC max (Lo)

Use conventional label with the

(Mark connectors with function)

Temperature Stability (free-running)
Harmonics, Subs, Products, Spurious

Phase Noise (free-running)

Power – Warm-up and Total

Phase Lock Voltage Monitor

100 MHz SC-cut (x3)

following information: 501-28341 (Current Rev.) 100M/300M GMXO-PLD

Serial # - Date Code

≤ 11.5 Watts at +25 °C

#2-56, 6 places
POWER REQUIREMENTS

Warm-Up Power

Supply Voltage +15 VDC ±5% ADJUSTMENT

Type 2 Loop
PHASE LOCK STATUS

Phase Lock Alarm

TTL

CRYSTAL

Type

OTHER Label

+15 VDC

Output Level

Test Data

Total Power

REV	DATE	REVISION RECORD	DWN	AUTH
-	08-12-14	Initial Release	Liz	

G1P-01 MXO Connections			
Connector	Function		
1	Supply Voltage		
2	Ground, Case		
4	RF Output B		
5	Phase Lock Voltage		
6	Phase Lock Alarm		
7	External Reference Input		
8	RF Output A		





