INPUT Frequenc 10 MH	-						
Level	n +6 dB into 50 c	shme					
	+7 dBm ±6 dB into 50 ohms OUTPUTS						
Output	Frequency	Level (into 50Ω)					
Α	100 MHz	+16 ±2 dBm					
В	500 MHz	+16 ±2 dBm					
Aging (fr 1 x 10	STABILITY Aging (free-running) 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), dBc/Hz, typical, (free-running)						
	• • •	500 MHz					
10 Hz	-105	-89					
100 Hz	-136	-120					
1 kHz	-162	-146					
10 kHz	-183	-167					
100 kHz		-170					
±5 x 1	Temperature Stability ±5 x 10 ⁻⁷ free-running from 0 to +50°C						
(Ref. +25°C) Harmonics							
-25 dBc							
Sub-Harmonics							
-60 dBc PLL Divider Products							
-60 dBc							
Spurious							
-80 dBc, excluding power							
supply line related spurs MECHANICAL							
Dimensions							
4.45 x 4 x 1"							
Connectors PE Outpute: SMA/f)							
RF Outputs: SMA(f) Power, ET: Feed Thru Terminals							
OND Occupations							

GND: Ground Turret

Nickel-plated machined aluminum housing - G1P-01

Packaging

≤ 15 Watts for 5 minutes

Target Bandwidth: ≤ 10 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 (x5)

following information: 501-27767 (Current Rev.) 100M/500M GMXO-PLD

Serial # - Date Code

≤ 11.5 Watts at +25°C

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
Mounting	-	01-23-14	Initial Release	PAC	
Threaded inserts on base,	Α	02-06-14	Output Level	PAC	
#2-56, 6 places					
POWER REQUIREMENTS					
Warm-Up Power					

GIP-01 MXO Connections				
Connector	Function			
1 2 4 5 8	Supply Voltage Grunni, Cans RF-Gunni B Frans Luck Voltage Franc Luck Norm External Reference Imput. RF-Gulput A			





