INPUT							
Frequency							
10 MH Level	Z						
+7 dBr	+7 dBm ±6 dB into 50 ohms						
	OUTPUTS						
-	Frequency		(into 50Ω)				
А	100 MHz	+16	±2 dBm				
В	200 MHz	+13	±2 dBm				
С	400 MHz	+13	±2 dBm				
_	STABILITY						
Aging							
1 x 10 ⁻⁶ first year							
after 30 days operating, typical							
5 X 10	5 x 10 ⁻⁷ second year, typical 3 x 10 ⁻⁷ per year thereafter, typical						
Dhase N	per year the	realter, typ /Hz_typics	al, (free-running)				
i ilase iv	100 MHz						
10 Hz	-105	-97	-89				
100 Hz	-136	-127	-119				
1 kHz	-162	-154	-147				
10 kHz	-180	-172	-165				
100 kHz	-186	-176	-168				
Tempera	ture Stability						
	±5 x 10 ⁻⁷ free-running from 0 to +50°C						
	+25°C)						
Harmonics -25 dBc							
	Sub-Harmonics						
-60 dBc							
	PLL Divider Products						
	-60 dBc						
Spurious -80 dBc, excluding power							
supply line related spurs							
Phase Lock Alarm							
TTL							
Locked: +3.5 VDC to +5.2 VDC (Hi) Out-of-Lock: +0.8 VDC max (Lo)							
Phase Lock Voltage Monitor							
Electrical tuning voltage monitor pin supplied							
MECHANICAL							
Dimensions 5.40 x 4 x 1"							
0.40 X 4 X I							

Packaging

Mounting

Nickel-plated machined aluminum housing - G2P-013

Threaded inserts on base,

≤ 14 Watts for 5 minutes

Target Bandwidth: ≤ 10 Hz

100 MHz SC-cut (x2, x4)

following information: 501-27337 (Current Rev.) 100M/200M/400M GMXO-PLD

Serial # - Date Code

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

≤ 10.5 Watts at +25°C

#2-56, 6 places **POWER REQUIREMENTS**

Warm-Up Power

Supply Voltage

+15 VDC ±5% **ADJUSTMENT**

Type 2 Loop

+15 VDC

Output Level

Test Data

CRYSTAL Type

OTHER Label

Total Power

	REV	DATE	REVISION RECORD	DWN	AUTH
Connectors	-	11-07-13	Initial Release	LR/PAC	
RF Outputs: SMA(f)	Α	11-11-13	Outline Drawing	LR/PAC	
Power, ET: Feed Thru Terminals	В	11-22-13	Updated specs	PAC	
GND: Ground Turret	C	06-16-16	400 MHz O/P level: 200 MHz 100k offset	PAC	MG

G2P-013 MXO Connections		
Connector	Function	
1	Supply Voltage	
2	Ground, Case	
4	RF Output C	
5	Phase Lock Voltage	
6	Phase Lock Alarm	
7	External Reference Input	
8	RF Output A	
9	RF Output B	

G2P-013 MXO Connections		
Connector	Function	
1	Supply Voltage	
2	Ground, Case	
4	RF Output C	
5	Phase Lock Voltage	
6	Phase Lock Alarm	
7	External Reference Input	
8	RF Output A	
9	RF Output B	



