INPUT				
Frequency				
10 MHz				
Level				
+7 dBm ±6 dB into 50 ohms				
OUTPUT				
Frequency				
3.6 GHz				
Level				
+13 dBm ±2 dB into 50 ohms				
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), typical, (free-running)				
100 Hz -96 dBc/Hz 1 KHz -123 dBc/Hz				
10 KHz -140 dBc/Hz 100 KHz -141 dBc/Hz				
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				
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				
Voltage monitor pin supplied				
MECHANICAL				
Dimensions				
5.36 x 4 x 1"				
J.JU A 7 A I				

	REV	DATE	REVISION RECORD	DWN	AUTH
Connectors RF Input/Output: SMA(f) Power, Monitoring: Feed Thru Terminals	-	07-02-15	Initial Release	СВ	

GND: Ground Turret

Nickel-plated machined aluminum housing - J3P

Threaded inserts on base,

≤ 16 Watts for 5 minutes

Target Bandwidth: ≤ 10 Hz

Use conventional label with the

(Mark connectors with function)

- Phase Noise - free-running - Temperature Stability - free-ru - Harmonics, Subs, Products, Spanners

- Power - Warm-up and Total

100 MHz SC-cut (x36)

following information:

Serial # - Date Code

501-29194 (Current Rev.) 3.6 GHz MXO-PLD

≤ 13 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

Total Power

Loop BW

CRYSTAL Type

OTHER Label

Packaging

Mounting

J3P MXO Connections			
Connector	Function		
1	Supply Voltage		
2	Ground, Case		
4	RF Output		
5	Phase Lock Voltage		
6	Phase Lock Alarm		
7	External Reference Input		





