INPUT			MECHANICAL	REV
Frequency			Dimensions	- 11
10 MHz			5.36 x 4 x 1"	
Level			Connectors	
+7 dBm ±6 dB into 50 ohms			RF Input/Outputs: SMA(f)	
OUTPUTS			Power, Monitoring: Feed Thru Terminals	
RF Output	Frequency	Output Level (into 50 ohms)	GND: Ground Turret Packaging	
А	100 MHz	+13 dBm ±2 dB	Nickel-plated machined aluminum housing – J3P-05	
В	10 GHz	+13 dBm ±2 dB	Mounting	
STABILITY			Threaded inserts on base,	
Aging (free-running)			#2-56, 6 places	1.00 -
1 x 10 ⁻⁶ first year			POWER REQUIREMENTS	0.75 - 0 (
after 30 days operating, typical			Warm-Up Power	0.44 — 0.25 — 7 🛇 🎑
5×10^{-7} second year, typical			≤ 18 Watts for 5 minutes	0 -
3×10^{-7} per year thereafter, typical			Total Power	- 0 - 140 - 1
Phase Noise L(f), dBc/Hz, typical			≤ 14.5 Watts at +25°C	
(free-running)				4.00
	-	<u> </u>	+15 VDC ±5% ADJUSTMENT	5.515 -
		GHz	Loop BW	
		57	Target Bandwidth: ≤ 10 Hz	
		87	Type 2 Loop	
		13	CRYSTAL	
		31	Туре	2.000 — 🖸
		32	100 MHz SC-cut (x100)	
l MHz	-176 -1	32	OTHER	
Temperature Stability			Label	
$= 5 \times 10^{-7}$ from running from 0 to $\pm 50^{\circ}$ C			Use conventional label with the	
$\pm 5 \times 10^{-7}$ free-running from 0 to +50°C			following information:	0.085
(Ref. +25°C) Harmonics			501-25479 (Current Rev.)	<u>الم</u>
-25 dBc			100M/10G MXO-PLD	0.08
Sub-Harmonics			+15 VDC	0_
-60 dBc			Serial # - Date Code	0.25 —
PLL Divider Products			(Mark connectors with function)	0.75
-60 dBc			Test Data	0.75 —
Spurious			- Output Level	
-80 dBc, excluding power			 Phase Noise – free-running Temperature Stability – free-running 	
supply line related spurs			- Harmonics, Subs, Products, Spurious	
Phase Lock Alarm			- Power – Warm-up and Total	Title:
				N
Locked: +3.5 VDC to +5.2 VDC (Hi) Out-of-Lock: +0.8 VDC max (Lo)				P/N:
Phase Lock Voltage Monitor				501-2
Voltage mo	onitor pin supp	lied		Tolerances: (except as noted)
				Dimensions are in

