



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

NOTES:

1. MATERIAL: ALUMINUM 6061T ALLOY
2. FINISH: ELECTROLESS NICKEL PLATING
3. WEIGHT: < 9 OZ (<255 gm)
4. COMPONENT TO BE HANDLED WITH ANTISTATIC PROTECTION
5. WARRANTY VOID IF WARRANTY SEAL BROKEN
6. DO NOT EXCEED OPERATION LIMITS
7. OUTLINE SUBJECT TO CHANGE WITHOUT NOTICE

PIN FUNCTIONS:

+12V: BIAS VOLTAGE (OTHER VOLTAGES AVAILABLE)  
 LK : (LOCK ALARM), OPEN COLLECTOR, >+2.5V LOCKED, <0.8V UNLOCKED  
 NC/VP: NORMALLY NOT CONNECTED, (PHASE VOLTAGE OPTION AVAILABLE)  
 RF OUTPUT:  
 REF IN: INTERNAL REFERENCE (CONNECTED AT ALL TIMES)  
 REF OUT: INTERNAL REFERENCE OUTPUT (CONNECTED AT ALL TIMES)  
 10 MHz: EXTERNAL REFERENCE INPUT @ 0dBm +/- 3dB (OTHER REFERENCE FREQ AVAILABLE)  
 NC: NOT CONNECTED

TURN ON PROCEDURES:

1. CONNECT 10 MHz EXT REFERENCE
2. CONNECT RF OUTPUT TO SPECTRUM ANALYZER
3. CONNECT DC GROUND LUG, APPLY DC POWER TO +12V PIN
4. VERIFY OUTPUT PHASE LOCKED FREQUENCY AND OUTPUT POWER
5. MONITOR LK FOR PHASE LOCKING, >+2.5V LOCKED, <0.8V UNLOCKED ALLOW 5 TO 10 MINUTES WARM UP TIME.
6. CONSULT FACTORY FOR ANY QUESTIONS

P.S. \* HEIGHT TO BE 1.61" UNDER 8 GHz

FILE# DC200106_2C		NEXYN CORPORATION			
		SANTA CLARA, CA. USA			
		DUAL LOOP PHASE LOCKED DRD, NXPL0S-IX SERIES			
		SIZE A	FSCM NO.	DWG NO. DC200106	REV 2C
F. WONG		SCALE 3/4	7/2/2001	SHEET 1 OF 1	