



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 AFTER DC POWER ON.
 6. CONSULT FACTORY FOR ANY QUESTIONS

FILE# DC200106_2E		NEXYN CORPORATION		
		SANTA CLARA, CA. USA		
F. WONG		DUAL LOOP PHASE LOCKED DRD, NXPLOS-IX SERIES (3 TO <9 GHz)		
		SIZE A	FSCM NO.	DWG NO. DC200106
		SCALE 3/4	DATE 12/06/2001	SHEET 1 OF 1