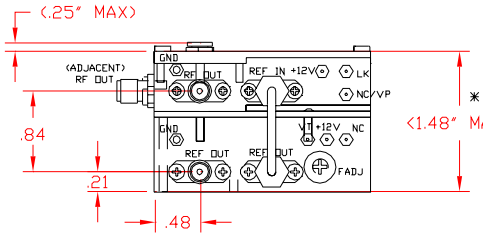

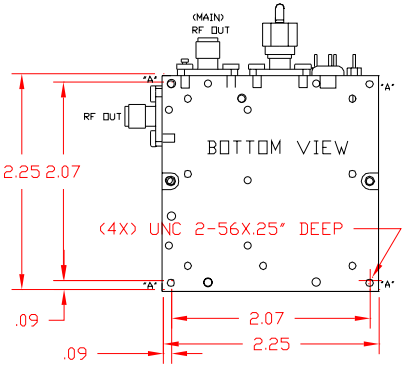

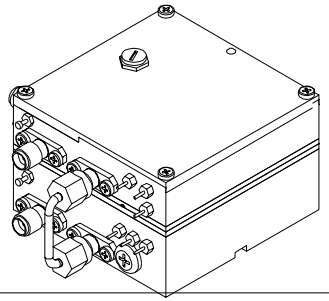

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

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: (DUAL OUTPUTS)
REF IN: INTERNAL REFERENCE (CONNECTED AT ALL TIMES)
REF OUT: INTERNAL REFERENCE OUTPUT (CONNECTED AT ALL TIMES)
REF OUT: INTERNAL REFERENCE (SAMPLE OUTPUT)
NC: NOT CONNECTED
VT: INT REF FREQ ELECTRONIC FINE TUNE, PRESET @2V TYP AT FACTORY
(0 TO +5V FOR +/- 8PPM TUNING TYP)
FADJ: INT REF FREQUENCY MECHANICAL ADJUST FINE PORT

TURN ON PROCEDURES:

1. CONNECT RF OUTPUT TO SPECTRUM ANALYZER
2. CONNECT DC GROUND LUG, APPLY DC POWER TO +12V PIN
3. VERIFY OUTPUT PHASE LOCKED FREQUENCY AND OUTPUT POWER
4. MONITOR LK FOR PHASE LOCKING, >+2.5V LOCKED, <0.8V UNLOCKED
5. OUTPUT FREQ FINE ADJUSTMENT BY MECHANICAL ADJUSTMENT (FADJ) OR ELECTRONIC TUNING (APPLY 0 - 5V TO VT PIN).
   ALLOW 5 TO 10 MINUTES WARM UP TIME
6. CONSULT FACTORY FOR ANY QUESTIONS

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

NEXYN CORPORATION

SANTA CLARA, CA. USA

INTERNAL REFERENCE PHASE LOCKED DRO,
NXPLOS-I SERIES (DUAL OUTPUTS)

FILE# DC200106_2D

SIZE	FSCM NO.	DWG NO.	REV
A		DC200106	2D

F. WONG

SCALE	DATE	SHEET
3/4	7/2/2001	1 OF 1