



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

- NOTES:
1. MATERIAL: ALUMINUM 6061T ALLOY
  2. FINISH: ELECTROLESS NICKEL PLATING
  3. WEIGHT: <4.5 OZ (<128 gm)
  4. COMPONENT TO BE HANDLED WITH ANTISTATIC PROTECTION
  5. WARRANTY VOID IF SEALS BROKEN
  6. DO NOT EXCEED OPERATION LIMITS
  7. OUTLINE SUBJECT TO CHANGE WITHOUT NOTICE

- PIN FUNCTIONS:
- +12V: +12V NOMINAL, OTHER VOLTAGES AVAILABLE
  - 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 FREQ MECHANICAL ADJUST FINE TUNE PORT
  - J1: XTAL REFERENCE FREQUENCY MONITOR OUTPUT
  - J2: XTAL REFERENCE FREQUENCY OUTPUT (100 MHz NOMINAL)

AVAILABLE FROM 50 MHz TO 400 MHz

- TURN ON PROCEDURES:
1. CONNECT XTAL REF FREQUENCY OUTPUT J2 TO SPECTRUM ANALYZER OR FREQUENCY COUNTER
  2. CONNECT DC GROUND LUG, APPLY DC POWER TO +12V PIN
  3. VERIFY XTAL FREQUENCY OUTPUT AND POWER LEVEL
  4. OUTPUT FREQ FINE ADJUSTMENT BY MECHANICAL ADJUSTMENT (FADJ) OR ELECTRONIC TUNING (APPLY 0-5V TO VT PIN)
  5. CONSULT FACTORY FOR ANY QUESTIONS

FILE# DC200105_1B		NEXYN CORPORATION		
		SANTA CLARA, CA. 95050		
F. WONG		FREE RUNNING XTAL REFERENCE MODULE		
		NXOS-X0 SERIES		
REVISED IN 7/01	SIZE A	FSCM NO.	DWG NO. DC200105	REV 1B
	SCALE 3/4		SHEET 1 OF 1	