



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
 REF OUT: XTAL REFERENCE FREQUENCY OUTPUT (100 MHz

NOMINAL) AVAILABLE FROM 50 MHz TO 400 MHz

- TURN ON PROCEDURES:
1. CONNECT XTAL REF OUTPUT 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_1F		NEXYN CORPORATION		
		SANTA CLARA, CA. 95050		
F. WONG		FREE RUNNING XTAL REFERENCE MODULE		
		NXOS-XO SERIES		
REVISED IN 09/02	SIZE A	FSCM NO.	DWG NO. DC200105	REV 1F
	SCALE 3/4		SHEET 1 OF 1	