

ZONE	REV	DESCRIPTION	DATE	APPROVED

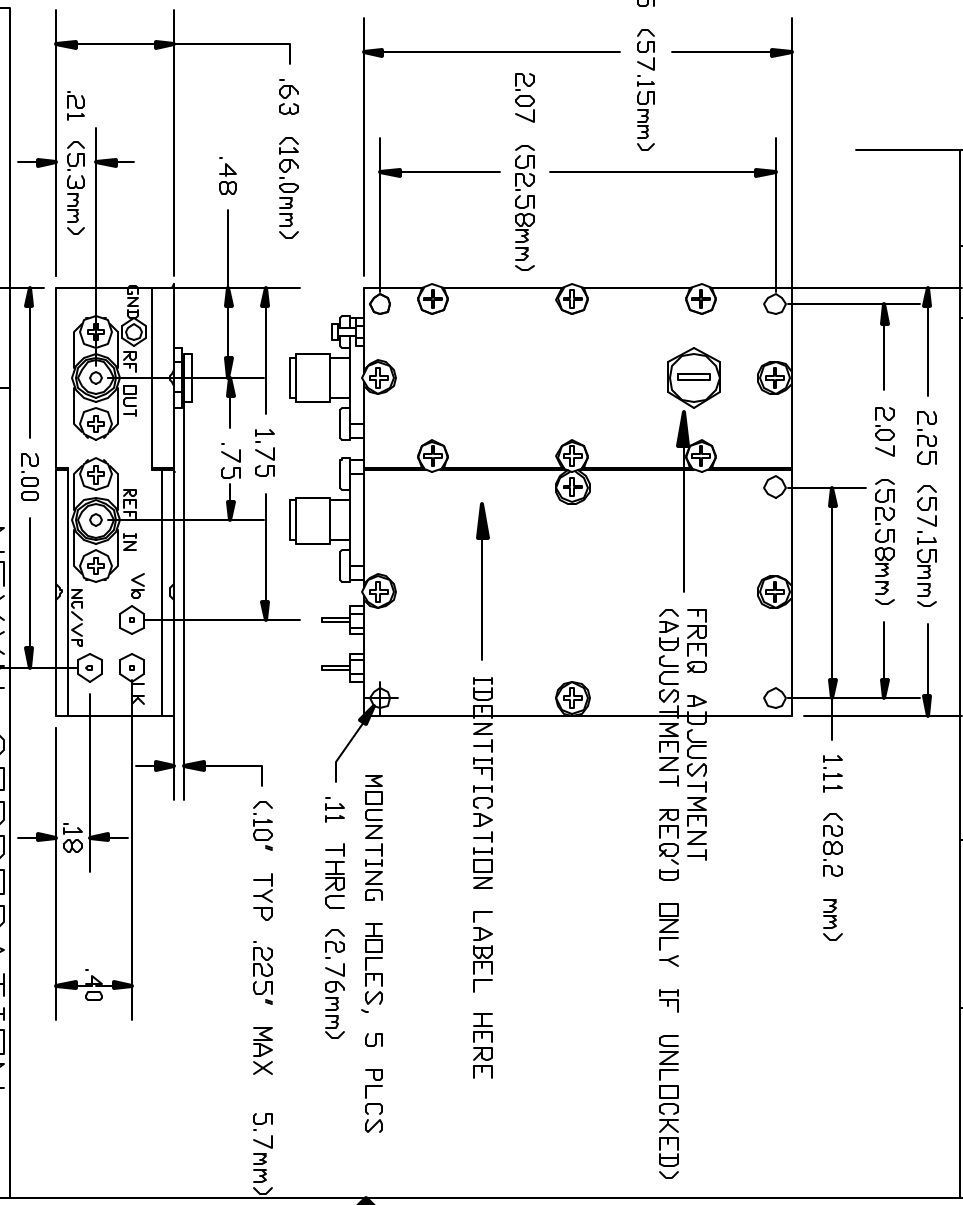
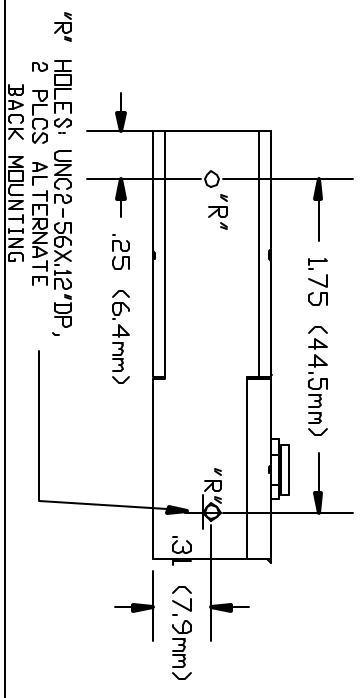
REVISIONS

- NOTES:
- 1) MATERIAL: ALUMINUM 6061T ALLOY
 - 2) FINISH: ELECTROLESS NICKEL PLATING
 - 3) WEIGHT: <3.5 OZ (100gm MAX)
 - 4) COMPONENT TO BE HANDLED WITH ANTISTATIC PROTECTION
 - 5) WARRANTY VOID IF SEALS BROKEN
 - 6) DO NOT EXCEED OPERATION LIMITS
 - 7) FIELD REPLACEABLE SMA CONNECTORS AVAILABLE UPON REQUEST, PIN DIA. TO BE .015"
 - 8) OUTLINE SUBJECT TO UPDATE WITHOUT NOTICE

PIN FUNCTIONS:

RF OUT:
 REF IN: (100 MHZ NOMINAL INPUT)
 Vb: BIAS VOLTAGE (+12V NOMINAL)
 LK: LOCK DETECT, OPEN COLLECTOR, >2.5V LOCKED,
 <.8V UNLOCKED
 N/C: NORMALLY NOT COLLECTED, VP FOR PHASE VOLTAGE OPTION

- TURN ON PROCEDURES:
- 1) CONNECT EXTERNAL REFERENCE AT RECOMMENDED INPUT LEVEL
 - 2) CONNECT RF OUT TO SPECTRUM ANALYZER
 - 3) CONNECT DC GROUND TO GROUND LUG, APPLY DC POWER TO Vb PIN
 - 4) VERIFY PHASE LOCKED FREQUENCY AND OUTPUT POWER
 - 5) MONITOR LK (PHASE LOCKED INDICATION)
 - 6) CONSULT FACTORY FOR ANY QUESTIONS



FILE#: DC200102_15

NEXYX CORPORATION
 SANTA CLARA, CA USA
 PHASE LOCKED DRD
 (EXTERNAL REFERENCE)

SIZE	FSCM NO	DWG NO	SCALE	1/1	01/29/03	SHEET	1	DF	1
A		DC200102							
REV									
15									

*R' HOLES: UNCE-56X12'DP,
 2 PLCS ALTERNATE
 BACK MOUNTING