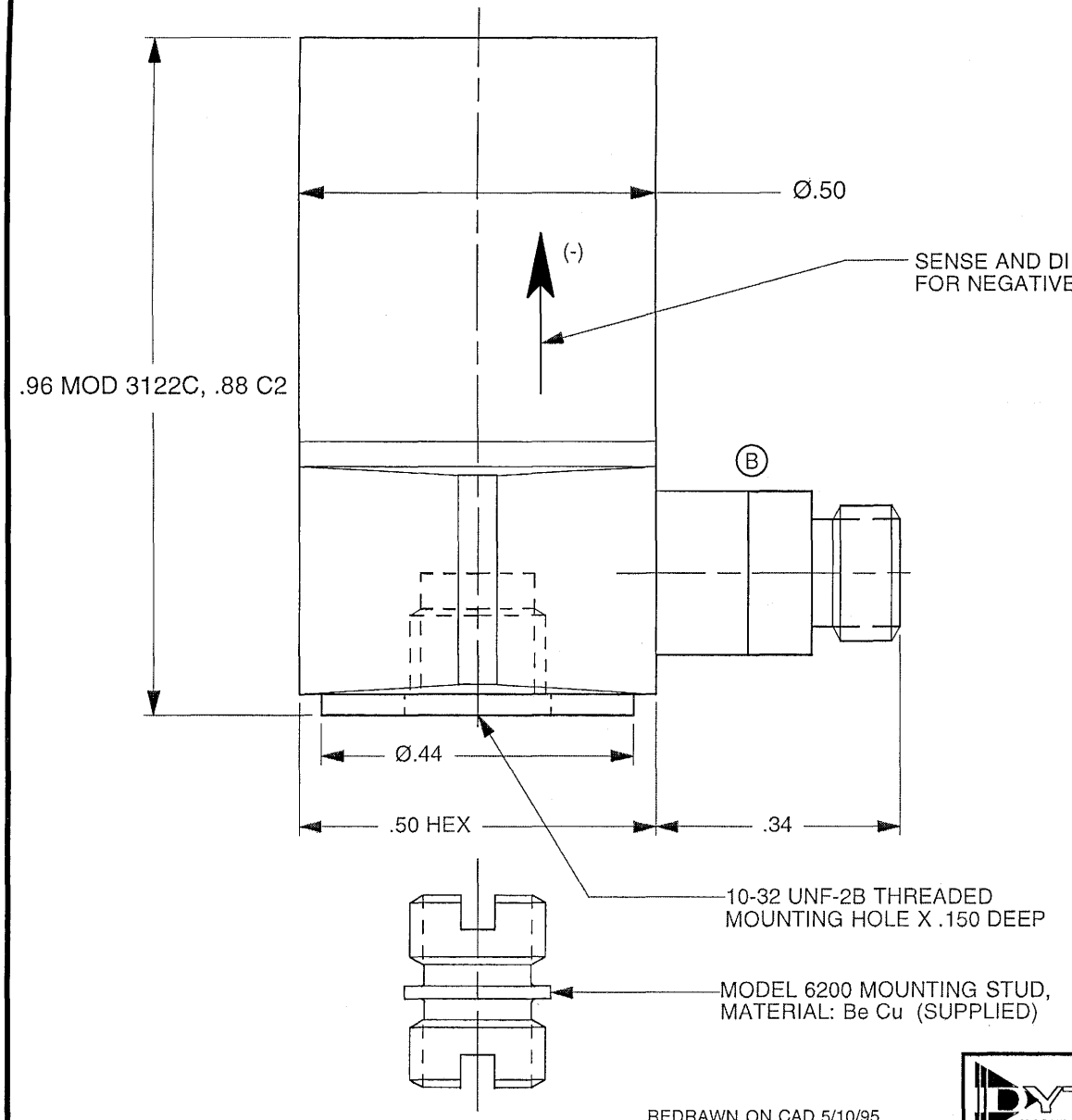
REV B: REMOVED WELD GROOVES.



MOUNTING HOLE PREPARATION

PREPARE FLAT MOUNTING SURFACE OVER .50 MIN. DIA., (FLAT TO .001 TIR) BY MILLING, SPOTFACING, TURNING, ETC. AT CENTER, DRILL #21 (Ø.159) X .200 DEEP(MIN.). TAP 10-32 UNF-2B X .150 MIN. DEPTH. CLEAN SURFACES THOROUGHLY TO REMOVE CHIPS AND CUTTING OILS.

1. CASE MATERIAL: 316L STAINLESS STEEL. UNIT IS NON-MAGNETIC.
2. SEAL: HERMETIC
3. MOUNTING TORQUE ON 1/5" HEX: 20-25 LB-INCHES.
4. WEIGHT-25 GRAMS

REDRAWN ON CAD 5/10/95

EXCEPT AS OTHERWISE NOTED

ALL DIMENSIONS IN INCHES
TOLERANCE: .XXX = ± .XX= ±

SURFACE FINISH EXCEPT AS NOTED √

BREAK EDGES TO DEBURR RADIUS OR CHAMFER

△ THESE DIAS ⊙ TO T.I.R.

FILLETS - MAX RAD.

DYTRAN INSTRUMENTS, INC. CHATSWORTH, CA.

MASTER
ONLY IF IN RED

SCALE 4X	REV B	DATE 2/4/03	ECN -		
DATE 10/31/95	PART NO. MODEL 3122C & C2				
DRAWN N.C.	CHECKED	MAT'L			
APPROVED CES	NEXT ASSEMBLY		USED ON		

TITLE
OUTLINE/INSTALLATION DRAWING
MODEL 3122C & C2

DWG NO. **127-3122C**

SHEET 1 OF 1

DYTRAN INSTRUMENTS, INC.
Dynamic Transducers and Systems
21592 Marilla St. • Chatsworth, CA 91311 • Phone 818-700-7818

SPECIFICATIONS

MODELS 3122C/C2 CHARGE MODE ACCELEROMETERS

SPECIFICATION	VALUE	UNITS
RANGE	+/- 500	G
MAXIMUM SHOCK	2000	G, PEAK
MAXIMUM VIBRATION	1000	G, RMS
SENSITIVITY, +20%/-10% (3122C) [1]	50	pC/G
(3122C2) [1]	15	pC/G
MOUNTED RESONANT FREQUENCY, NOM.	25	kHz
FREQUENCY RESPONSE, +/- 8% [2]	[2] to 5000	Hz
OPERATING TEMPERATURE RANGE (3122C)	-60 to +375	F
(3122C2)	-60 to +500	F
CAPACITANCE, NOM.(3122C)	3000	pF
(3122C2)	520	pF
AMPLITUDE LINEARITY	+/-2	%FS
TRANSVERSE SENSITIVITY	5	%
SIGNAL POLARITY [3]	NEGATIVE [2]	
SIZE, HEX x HEIGHT	0.5 X 0.96	IN
WEIGHT	25	GM
GROUND RETURN	CASE IS SIGNAL RETURN	
CONNECTOR, TRANSVERSE MOUNTED	COAXIAL	10-32
CASE MATERIAL	STAINLESS STEEL	316L
MOUNTING PROVISION	TAPPED HOLE IN BASE	10-32
ENVIRONMENTAL SEAL	HERMETIC, WELDED/GLASS-TO-METAL	

ACCESSORIES SUPPLIED (1) MODEL 6200 MOUNTING STUD

[1] Measured at 100Hz, 1G RMS. Calibration certificate supplied with each instrument traceable to NIST.
[2] Low frequency response is controlled by the charge amplifier discharge time constant and other factors.
[3] With acceleration into the base toward the top of the instrument.