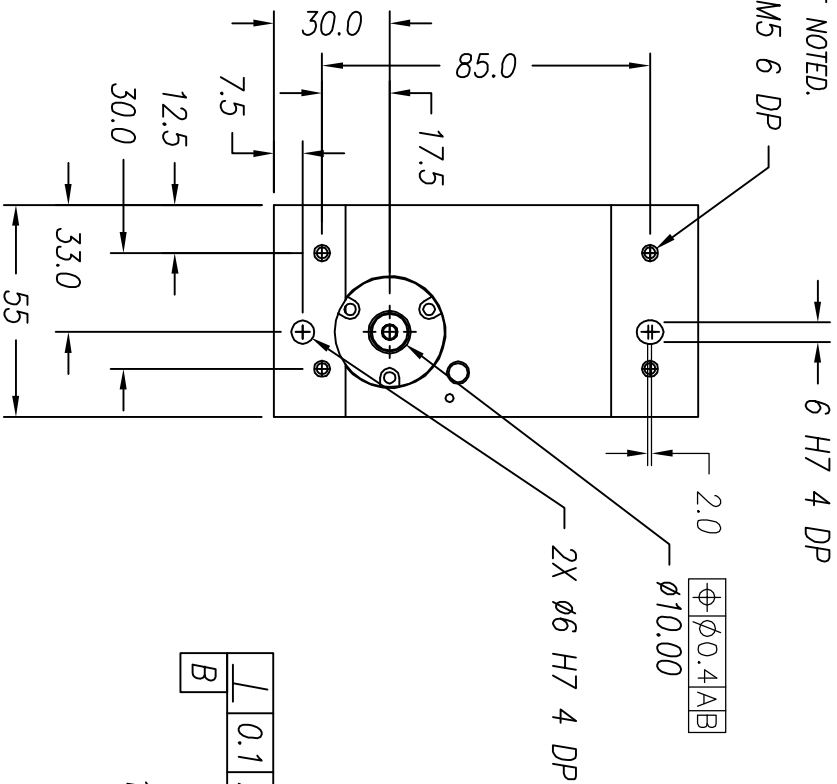


NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- LINEAR SPECIFICATION:
 - LINEAR STROKE: 50.0 +1.0/-0 mm
 - FORCE CONSTANT: 19.5 N/AMP
 - PEAK FORCE: 25.5 N @ 1.3 AMPS (24 VDC)
 - CONTINUOUS FORCE: 19.5 N @ 1.0 AMPS (24 VDC)
 - COIL DC RESISTANCE: 16.5 OHMS @ 22°C
 - COIL INDUCTANCE: 4.3 mH @ 1 KHz
 - ENCODER RESOLUTION: 0.5, 1, 5 MICROMETER (NC)
 - ENCODER ACCURACY: ±4 Counts
- MOVING MASS: 310 GRAMS
- TOTAL MASS: 3000 GRAMS
- OPERATING TEMPERATURE: -10°C TO +65°C

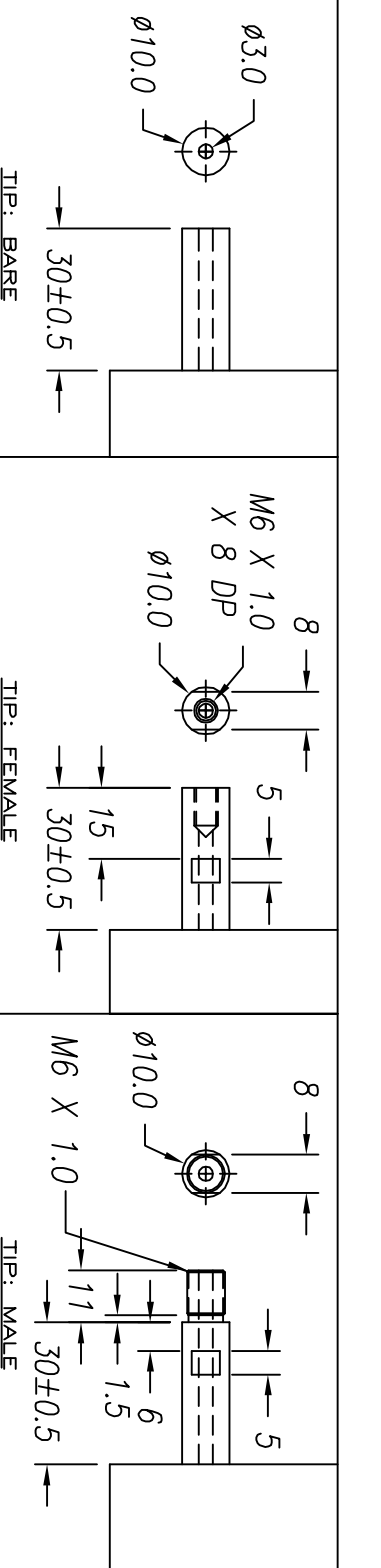
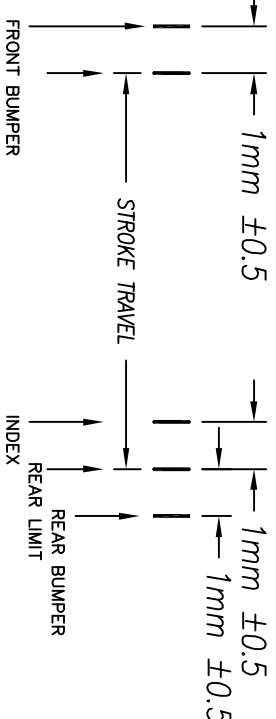
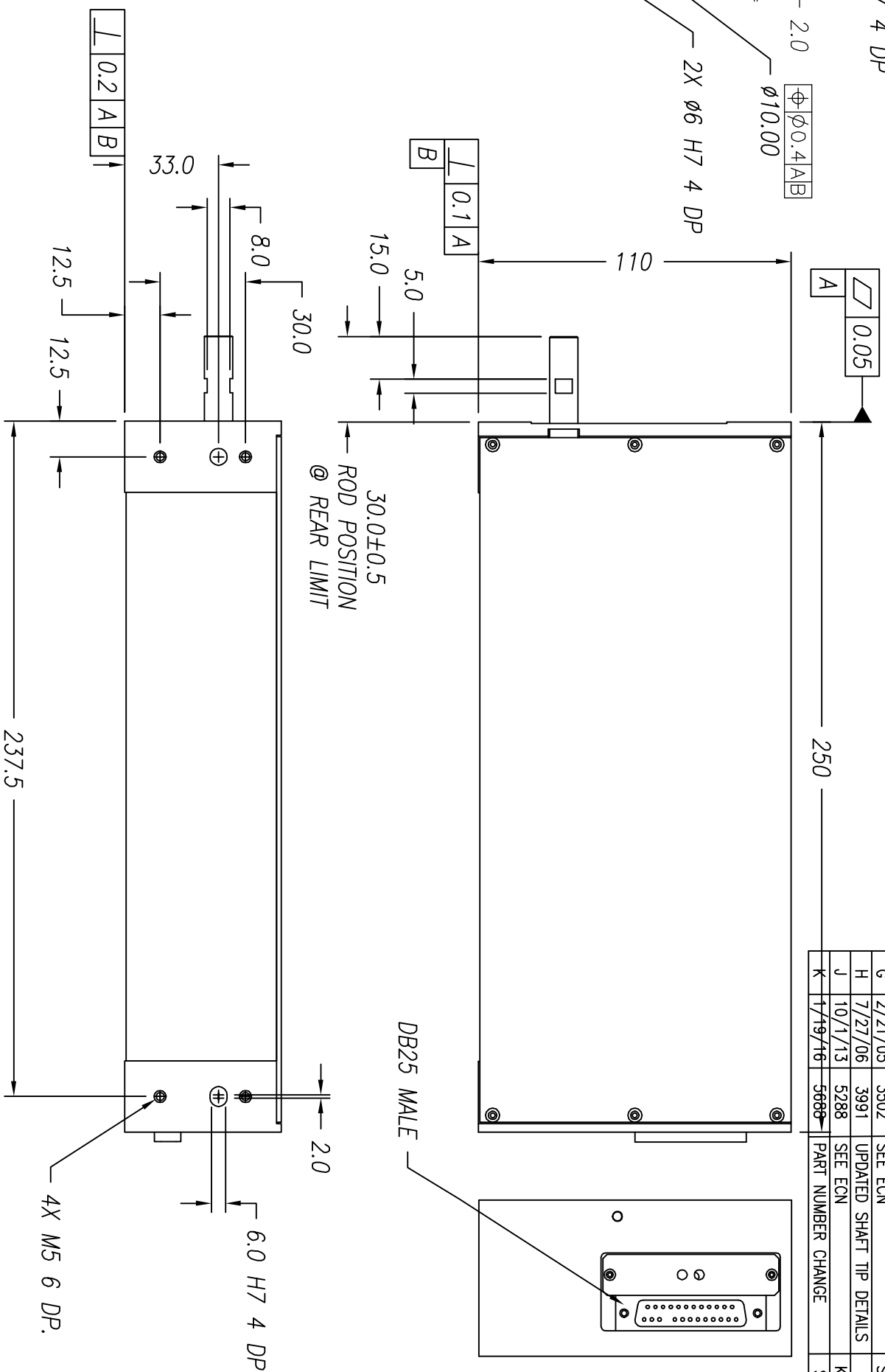
SIGNATURE NEEDED FOR ORDER APPROVAL
 SIGN _____ DATE _____
 APPROVAL NOT RECEIVED WITHIN
 48 HOURS MAY AFFECT DELIVERY



DB-25P PINOUT

1	+5VDC
2	+5V RETURN
3	NO CONNECTION
4	LINEAR PHASE A-
5	NC
6	LIMIT RETURN
7	COIL +
8	COIL +
9	LINEAR PHASE B-
10	NO CONNECTION
11	LIMIT +
12	LIMIT -
13	NO CONNECTION

14	LINEAR PHASE A+
15	NO CONNECTION
16	LINEAR PHASE B+
17	NO CONNECTION
18	LINEAR INDEX +
19	COIL -
20	COIL -
21	NO CONNECTION
22	NO CONNECTION
23	LINEAR INDEX -
24	NO CONNECTION
25	NO CONNECTION



TOLERANCES ARE: X ± 0.50 XX ± 0.1 XXX ± 0.05 XXXX ± ANGULARITY ± 0.1° CONCENTRIC ± 0.01 ROUNDNESS ± 0.05 EDGE BREAK 0.2 MAX CHAMFER 0.2 MAX		MATERIAL: ALUMINUM 6061-T6 HEAT TREAT: / RC MACHINE FINISH: 1.6 / DEEP EXCEPT NOTED. PROTECTIVE FINISH: ELECTROLESS NICKEL SPEC. NUMBER:		SMAC DESIGNED BY: TOAN VU DRAWN BY: KARL STOCKS PART NAME: LAL55-050-5X-1 SCALE: NONE DWG SIZE: B PART NUMBER: LAL55-050-5X-1		REF. NUMBER: LAL55-050-5 DATE: 09/09/02 DATE: 10/1/13 CHECKED BY: APPROVED BY: DATE: DATE:		CONTRACT: STD SHEET NUMBER: 1 of 1 REVISION: K	
FILE NAME: LAL55-050-5_J		FILE NAME:		DO NOT SCALE DWG		PART NUMBER CHANGE		REVISIONS	

REV	DATE	ECN	DESCRIPTION	APP
G	2/21/05	3502	SEE ECN	SMH
H	7/27/06	3991	UPDATED SHAFT TIP DETAILS	LR
J	10/1/13	5288	SEE ECN	KGS
K	11/9/16	5669	PART NUMBER CHANGE	SB