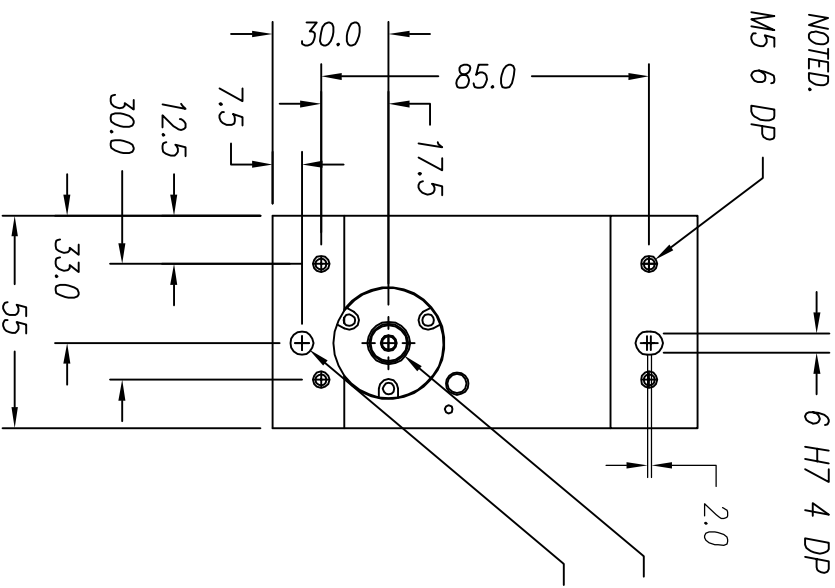


NOTES: (UNLESS OTHERWISE SPECIFIED)

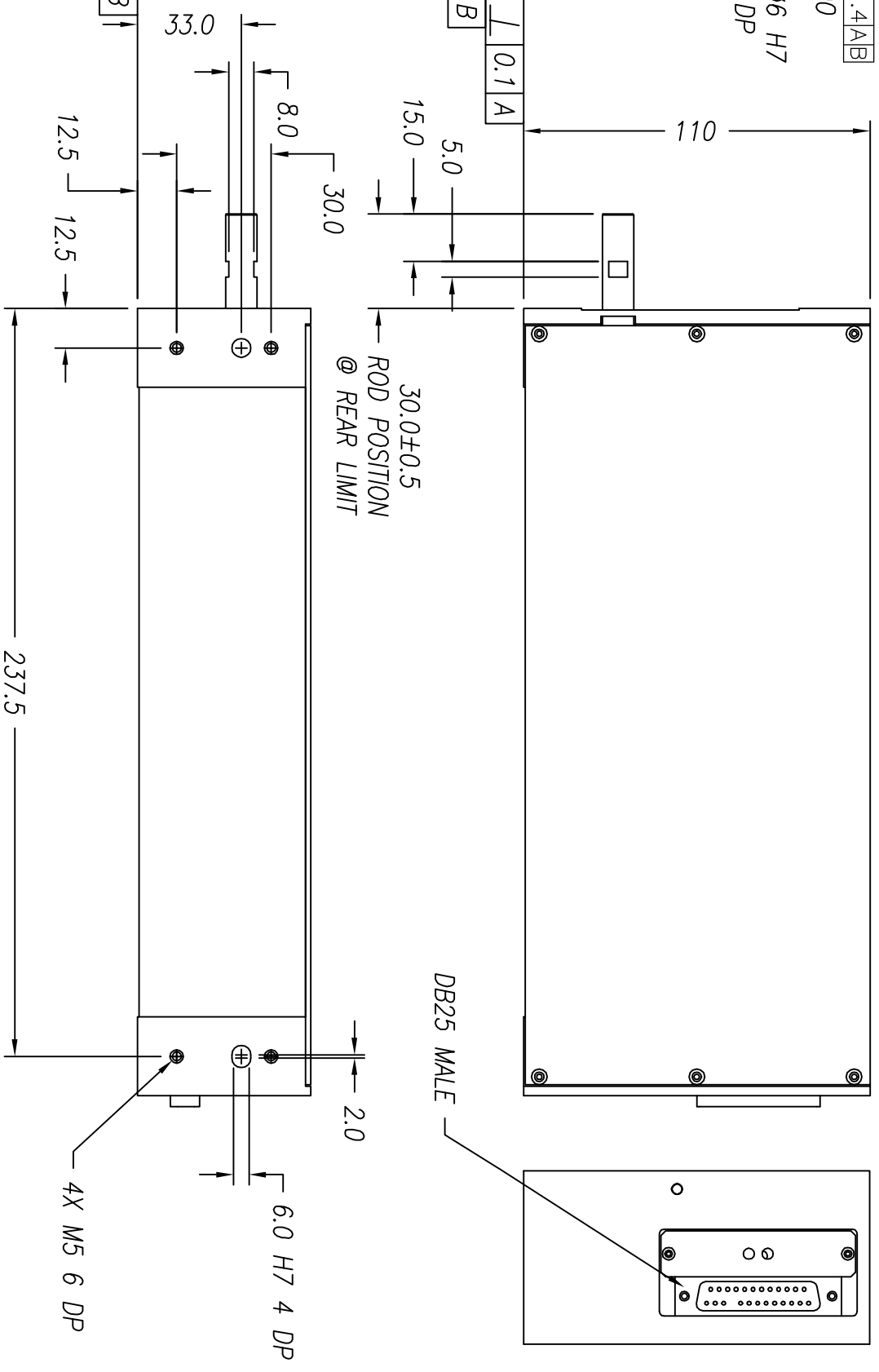
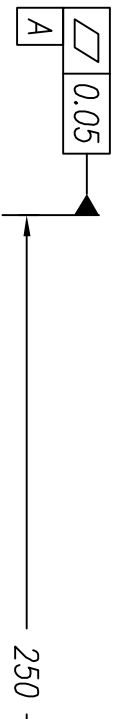
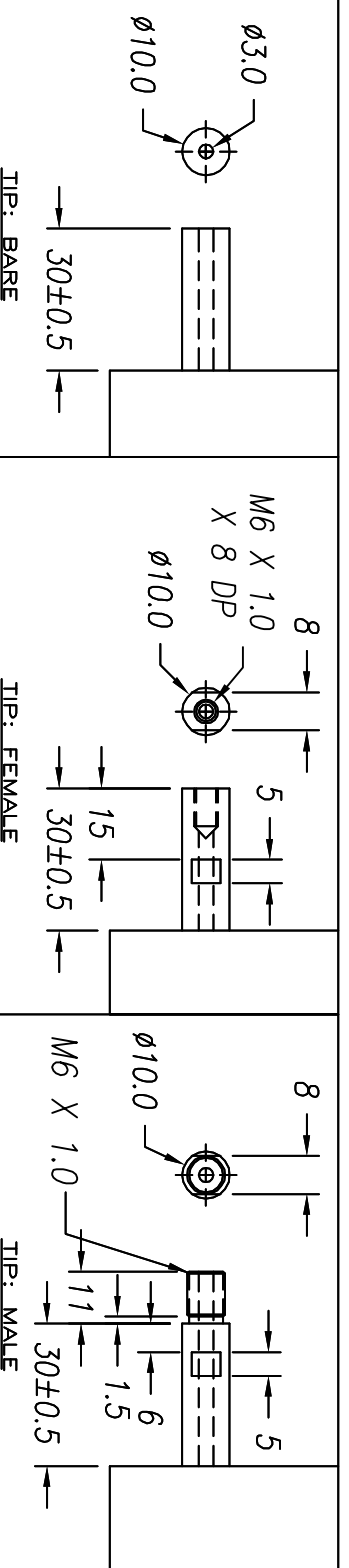
- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED.
- LINEAR SPECIFICATION:
 LINEAR STROKE: 50.0 +1.0/-0 mm
 FORCE CONSTANT: 24.5 N/AMP
 PEAK FORCE: 40.0 N @ 1.8 AMPS (48 VDC)
 CONTINUOUS FORCE: 24.5 N @ 1.0 AMPS (48 VDC)
 COIL DC RESISTANCE: 25 OHMS @ 22°C
 COIL INDUCTANCE: 4.3 mH @ 1 KHZ
 ENCODER RESOLUTION: 0.5, 1, 5 MICROMETER (NC)
 ENCODER ACCURACY: ±4 Counts
- MOVING MASS: 310 GRAMS
- TOTAL MASS: 3000 GRAMS
- OPERATING TEMPERATURE: 0°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	14	LINEAR PHASE A+
2	+5V RETURN	15	NO CONNECTION
3	NO CONNECTION	16	LINEAR PHASE B+
4	LINEAR PHASE A-	17	NO CONNECTION
5	NC	18	LINEAR INDEX +
6	LIMIT RETURN	19	COIL -
7	COIL +	20	COIL -
8	COIL +	21	NO CONNECTION
9	LINEAR PHASE B-	22	NO CONNECTION
10	NO CONNECTION	23	LINEAR INDEX -
11	LIMIT +	24	NO CONNECTION
12	LIMIT -	25	NO CONNECTION
13	NO CONNECTION		



REVISIONS

REV	DATE	ECN	DESCRIPTION	APP
C	2/21/05	3502	SEE ECN	SMH
D	7/27/06	3991	UPDATED SHAFT TIP DETAILS	LR
E	10/1/13	5288	SEE ECN	KSS
F	1/19/16	5688	PART NUMBER CHANGE	SB

SMAC

REF. NUMBER: LAL55-050-7

MATERIAL: ALUMINUM 6061-T6

HEAT TREAT: / RC

MACHINE FINISH: 1.6 / DEEP

DESIGNED BY: TOAN VU DATE: 09/09/02

DRAWN BY: KARL STOCKS DATE: 10/1/13

CHECKED BY: DATE:

APPROVED BY: DATE:

CONTRACT: STD

SHEET NUMBER: 1 of 1

SCALE: NONE

DWG SIZE: B

PART NUMBER: LAL55-050-7X-1

REVISION: F

FILE NAME: LAL55-050-7_E

TOLERANCES ARE:
 X. ± 0.50
 XX ± 0.1
 XXX ± 0.05
 XXXX ± 0.01
 ANGULARITY ± 0.1°
 CONCENTRIC ± 0.01
 ROUNDNESS ± 0.05
 EDGE BREAK 0.2 MAX
 CHAMFER 0.2 MAX