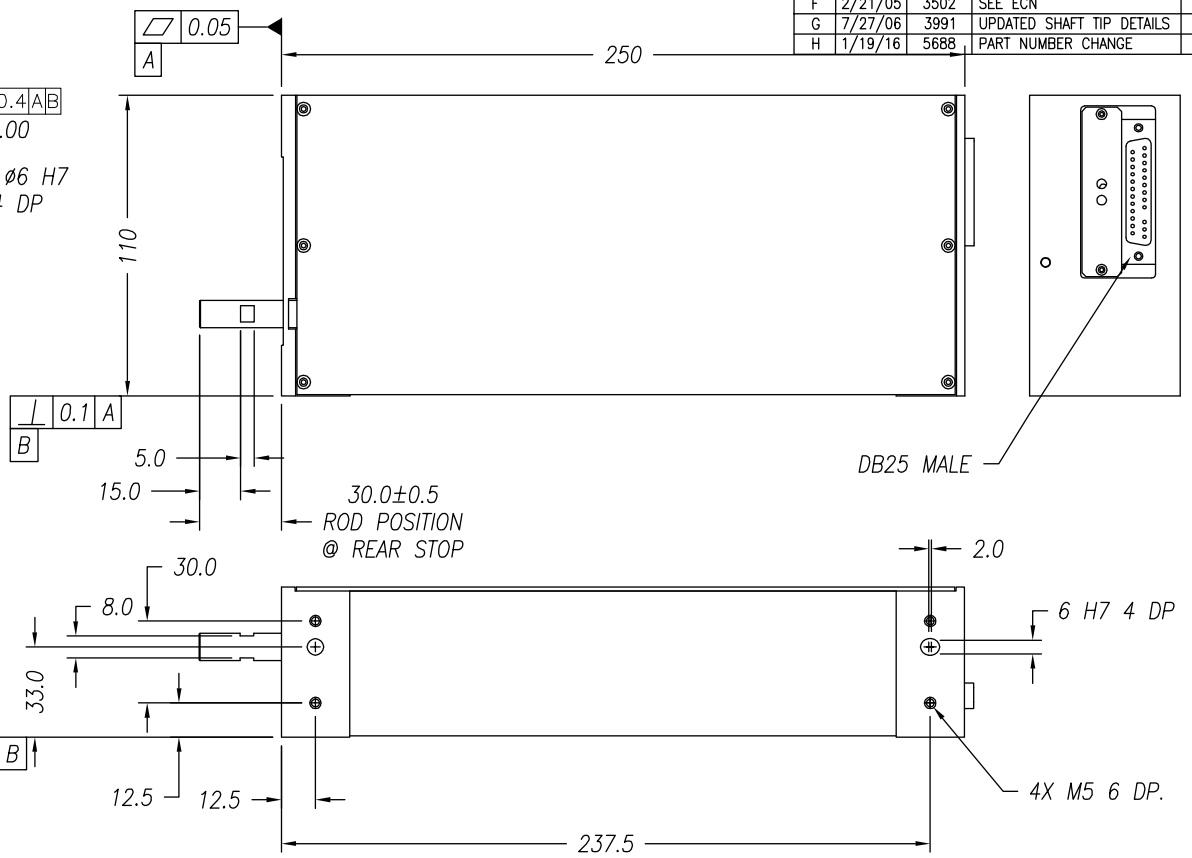
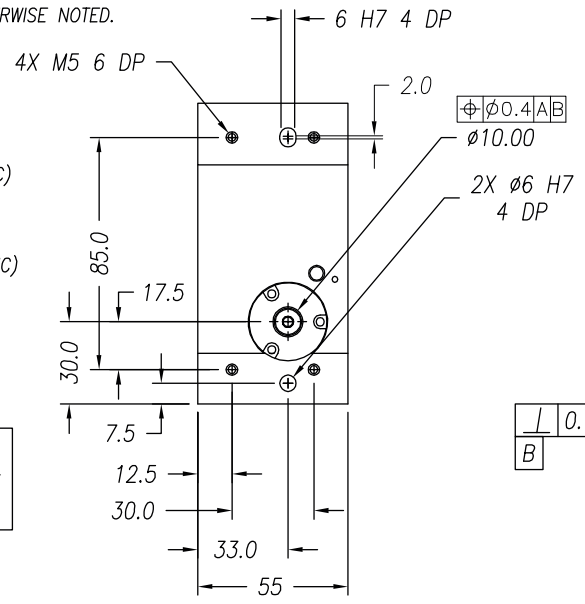


REVISIONS

REV	DATE	ECN	DESCRIPTION	APP
F	2/21/05	3502	SEE ECN	SMH
G	7/27/06	3991	UPDATED SHAFT TIP DETAILS	LR
H	1/19/16	5688	PART NUMBER CHANGE	SB

NOTES: (UNLESS OTHERWISE SPECIFIED)

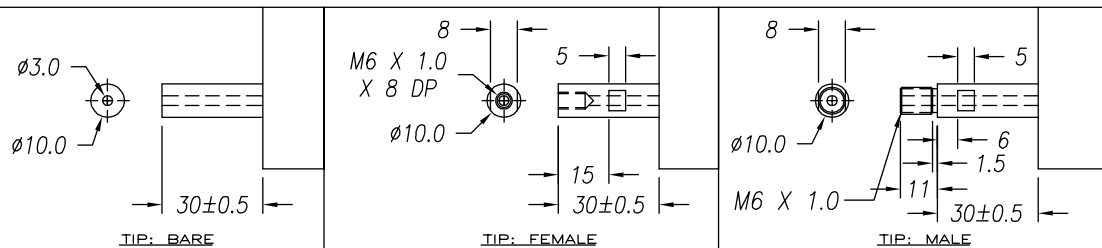
- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED.
- LINEAR SPECIFICATION:**
 LINEAR STROKE: 150.0 +1.0/-0 mm
 FORCE CONSTANT: 12.5 N/AMP
 PEAK FORCE: 19.5 N @ 1.8 AMPS (48 VDC)
 CONTINUOUS FORCE: 12.5 N @ 1.0 AMPS (48 VDC)
 COIL DC RESISTANCE: 25 OHMS @ 22°C
 COIL INDUCTANCE: 6.8 mH @ 1 kHz
 ENCODER RESOLUTION: 0.5, 1, 5 MICROMETER (NC)
 ENCODER ACCURACY: ±4 Counts
- MOVING MASS: 400 GRAMS
- TOTAL MASS: 4650 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	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	NC	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	NC	24	NO CONNECTION
12	NC	25	NO CONNECTION
13	NO CONNECTION		



TOLERANCES ARE: X. ± 0.50 X.X ± 0.1 X.XX ± 0.05 X.XXX ± ANGULARITY ± 0.1° CONCENTRIC ± 0.01 ROUNDNESS ± 0.05 EDGE BREAK 0.2 MAX CHAMFER 0.2 MAX	MATERIAL: ALUMINUM 6061-T6	<h1 style="text-align: center;">SMAC</h1>		REF. NUMBER	
				LAL55-150-7	
HEAT TREAT: _____ RC _____ DEEP	MACHINE FINISH: 3.2/ ✓	DESIGNED BY:	DATE:	CHECKED BY:	DATE:
		TOAN VU	09/09/02		
EXCEPT NOTED. PROTECTIVE FINISH ELECTROLESS NICKEL	FILE NAME: LAL55-150-7_G	DRAWN BY:	DATE:	APPROVED BY:	DATE:
		L. RAKOW	7/27/06		
SPEC. NUMBER:	PART NAME: LAL55-150-7X-1	SCALE:		DWG SIZE:	PART NUMBER:
		NONE		B	LAL55-150-7X-1
		DO NOT SCALE DWG		REVISION:	
				H	