

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN MILLIMETERS.

2. LINEAR SPECIFICATION:

LINEAR STROKE: 15+1.0/-0 mm

FORCE CONSTANT: 53 N/AMP

PEAK FORCE: 84 N @ 1.7 AMPS (48VDC)

CONTINUOUS FORCE : 41.5 N @ 1 AMP (48 VDC)

COIL DC RESISTANCE: 26.5 OHMS @ 22°C

COIL INDUCTANCE: 10.8 mH @ 1 kHz

ENCODER RESOLUTION: 0.5, 1.0 OR 5 MICROMETERS

ENCODER ACCURACY: ± 4 COUNTS

3. MOVING MASS: 310 GRAMS

4. TOTAL MASS: 2200 GRAMS

5. OPERATING TEMPERATURE: -0°C TO +65°C

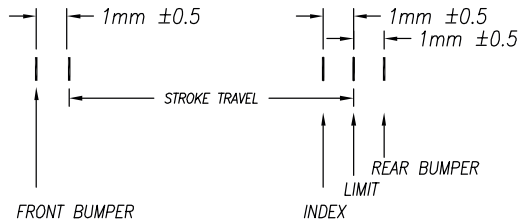
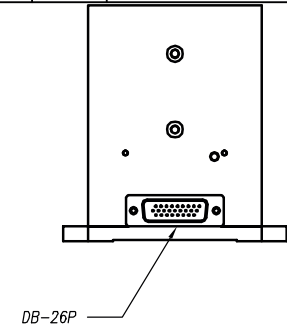
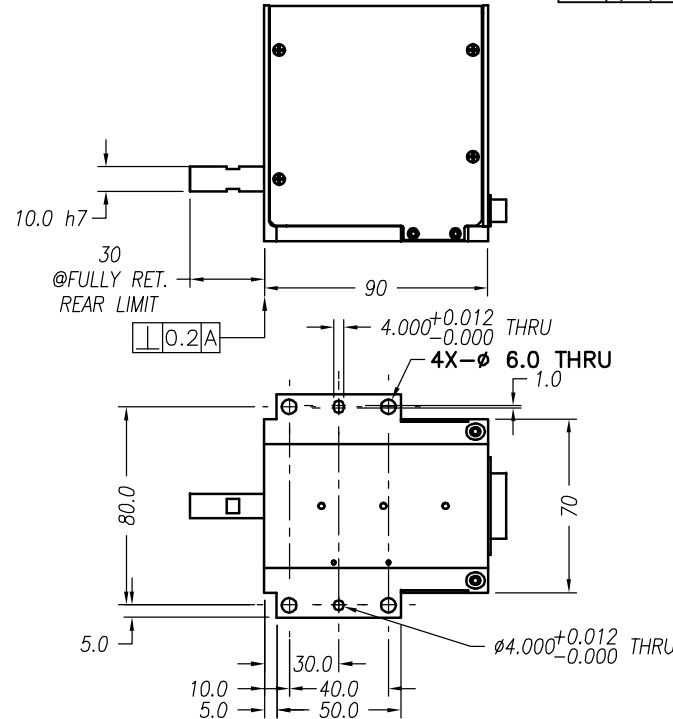
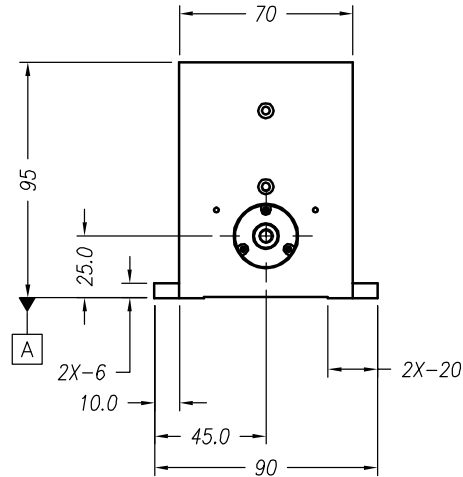
SIGNATURE NEEDED FOR ORDER APPROVAL

SIGN _____ DATE _____

APPROVAL NOT RECEIVED WITHIN
48 HOURS MAY AFFECT DELIVERY

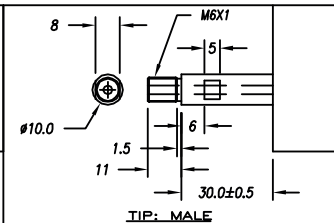
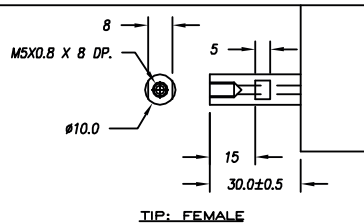
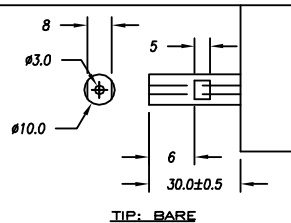
REVISIONS

REV	DATE	ECN	DESCRIPTION	APP
D	4/4/03	2744	UPDATE FORMAT	BR
E	1/28/04	3041	UPDATE SHAFT END DIM.	SEK
F	3/19/04	3113	SEE ECN	SMH
G	4/14/05	3568	CORRECT MALE TIP DIM	SMH
H	10/2/13	5288	SEE ECN	KGS
J	1/19/16	5688	PART NUMBER CHANGE	SB



DB-26P PINOUT

1	(L) PH. A+
2	(L) PH. B+
3	(L) PH. Z+
4	NC
5	NC
6	I/O RTN
7	(R) PH. B+
8	(R) PH. A+
9	(R) PH. I+
10	(L) PH. A-
11	(L) PH. B-
12	(L) PH. Z-
13	NC/(R) HOME
14	LIMIT +
15	LIMIT -
16	(R) PH. B-
17	(R) PH. A-
18	(R) PH. I-
19	+5VDC
20	5V RTN
21	(L) COIL +
22	(L) COIL -
23	(L) COIL +
24	(L) COIL -
25	(R) MOTOR -
26	(R) MOTOR +



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

FILE NAME:
LAL95-015-7

MATERIAL:
ALUMINUM

HEAT TREAT:
RC
DEEP

MACHINE FINISH:
1.6

EXCEPT NOTED.

PROTECTIVE FINISH
ELECTROLESS NICKEL

SPEC. NUMBER:

SMAC		REF. NUMBER	
DESIGNED BY: TOAN VU		LAL95-015-7	
DATE: 4/4/03	CHECKED BY:	DATE:	CONTRACT: STD
DRAWN BY: KARL STOCKS	DATE: 8/26/12	APPROVED BY:	DATE:
PART NAME: LAL95-015-7X-1		SHEET NUMBER: 1 of 1	
SCALE: NONE	DWG SIZE: B	PART NUMBER: LAL95-015-7X-1	REVISION: J
DO NOT SCALE DWG			