

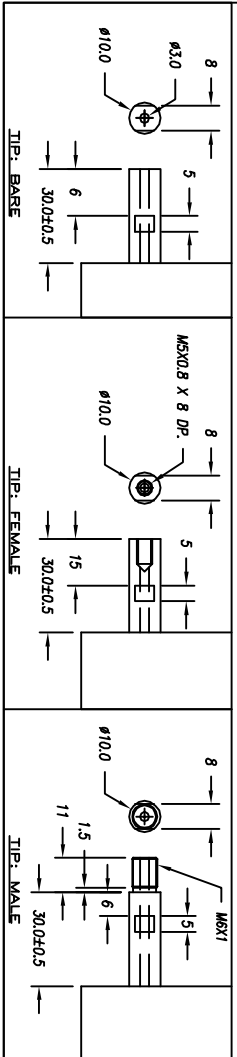
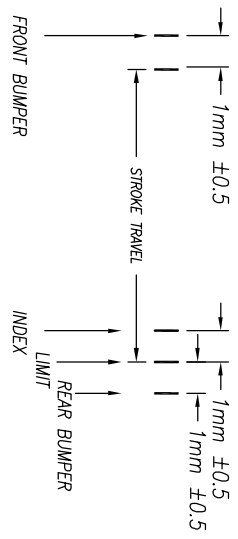
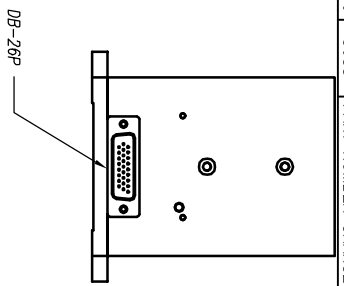
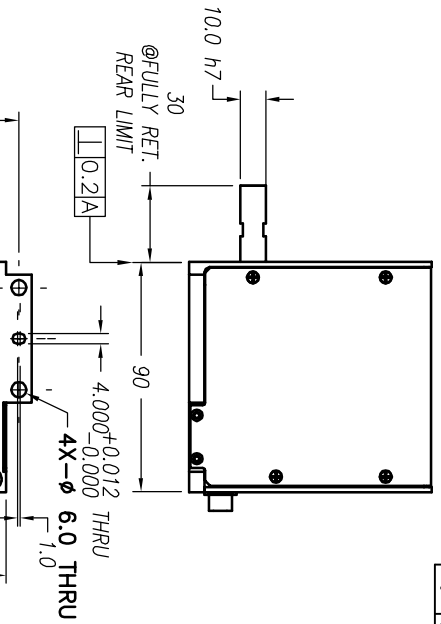
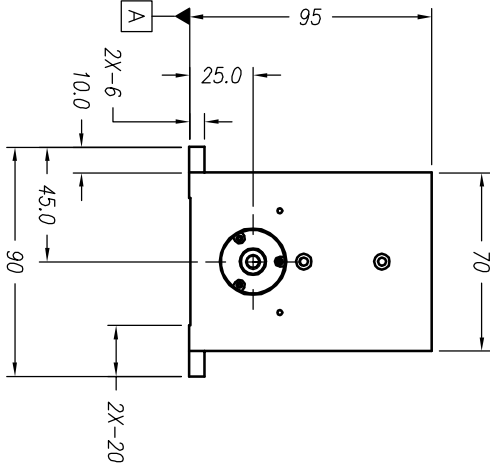
NOTES: (UNLESS OTHERWISE SPECIFIED)

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 AMPS (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

DB-28P 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 +

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



TOLERANCES ARE:

X	± 0.50
XX	± 0.1
XXX	± 0.05
XXXX	± 0.1
ANGULARITY	± 0.01
CONCENTRIC	± 0.05
ROUNDNESS	± 0.2 MAX
EDGE BREAK	0.2 MAX
CHAMFER	0.2 MAX

FILE NAME: LAL95-015-7

MATERIAL:	ALUMINIUM
HEAT TREAT:	RC
MACHINE FINISH:	DEEP
EXCEPT NOTED:	1.6/
PROTECTIVE FINISH:	ELECTROLESS NICKEL
SPEC. NUMBER:	
DESIGNED BY:	DMN VU
DATE:	4/9/03
CHECKED BY:	
DATE:	
DRAWN BY:	KARL STOCKS
DATE:	8/26/12
APPROVED BY:	
DATE:	
CONTRACT:	STD
SHEET NUMBER:	1 OF 1

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

SMAC

REF. NUMBER: LAL95-015-7

PART NAME: LAL95-015-7X-1

SCALE: NONE
DWG SIZE: B
PART NUMBER: LAL95-015-7X-1
REVISION: J