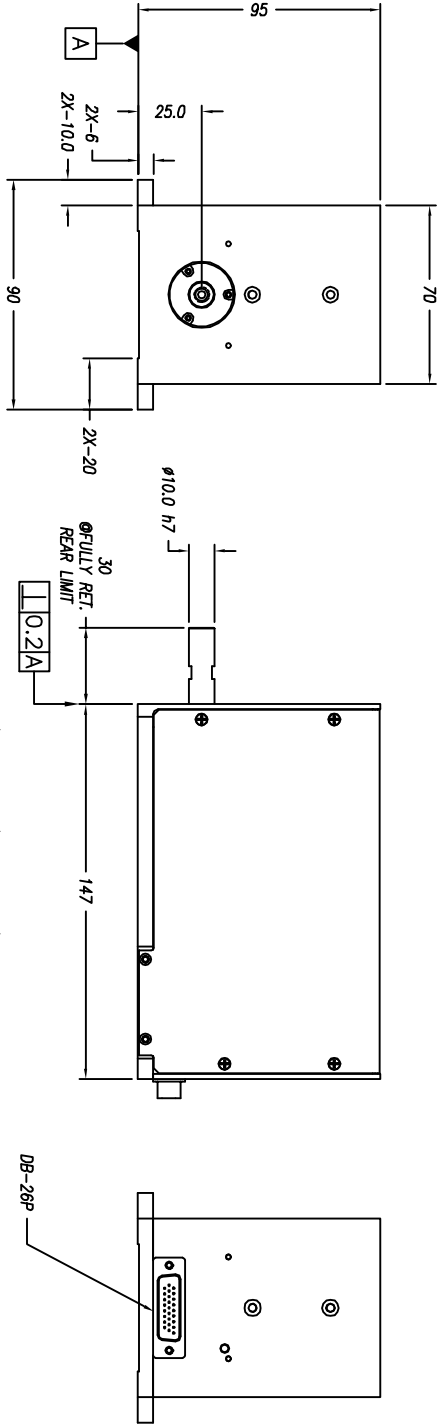


SIGNATURE NEEDED FOR ORDER APPROVAL
 SIGN _____ DATE _____
 APPROVAL NOT RECEIVED WITHIN
 48 HOURS MAY AFFECT DELIVERY

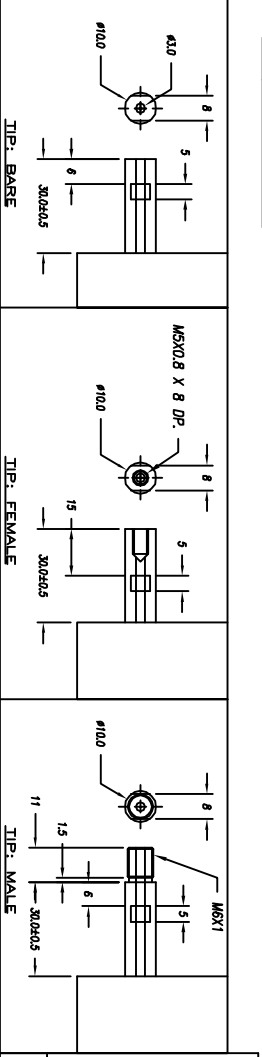
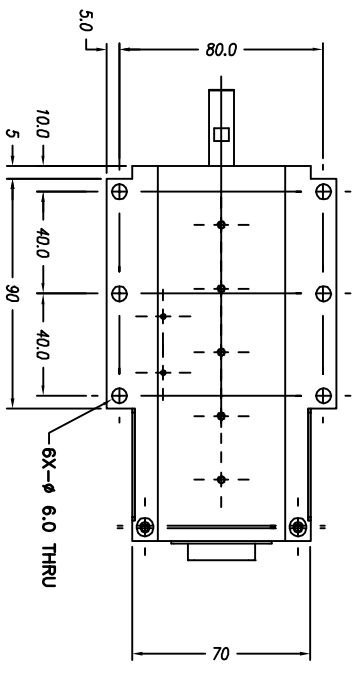
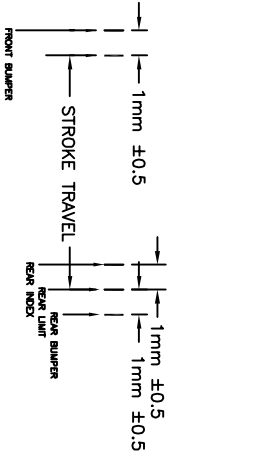
REVISIONS				
REV	DATE	ECN	DESCRIPTION	APP
A	10/14/09		NEW	KGS
B	4/24/13	5217	CORRECT MOUNTING HOLES	KGS
C	10/1/13	5288	SEE ECN	KGS
D	1/19/16	5688	PART NUMBER CHANGE	SB

- NOTES: (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS ARE IN MILLIMETERS.
 - LINEAR SPECIFICATION:
 LINEAR STROKE: 15 +1.0/-0 mm
 FORCE CONSTANT: 60 N/AMP
 PEAK FORCE: 185N @ 3.2 AMPS (48VDC)
 COIL DC RESISTANCE: 15 OHMS @ 22°C
 ENCODER RESOLUTION: 0.5, 1 OR 5 MICROMETERS
 ENCODER ACCURACY: ± 4 COUNTS
 - MOVING MASS: 500 GRAMS
 - TOTAL MASS: 3KG
 - OPERATING TEMPERATURE: 0°C TO +35°C



DB-28P PINOUT

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



TOLERANCES ARE: X ± 0.50 XX ± 0.1 XXX ± 0.05 XXXX ± 0.01 ANGULARITY ± 0.1° CONCENTRIC ± 0.05 ROUNDNESS ± 0.2 MAX EDGE BREAK 0.2 MAX CHAMFER		MATERIAL: ALUMINIUM HEAT TREAT: / RC MACHINE FINISH: DEEP EXCEPT NOTED: 1.6/ PROTECTIVE FINISH: ELECTROLESS NICKEL SPEC. NUMBER:		DESIGNED BY: DAN VU DATE: 10/14/09 DRAWN BY: KARL STOCKS DATE: 10/125/13 CHECKED BY: APPROVED BY: DATE:		REF. NUMBER: LAL95-015-8 CONTRACT: STD SHEET NUMBER: 1 OF 1	
FILE NAME: LAL95-015-8	SCALE: NONE	DWG SIZE: B	PART NUMBER: LAL95-015-7X-2	REASON: D			