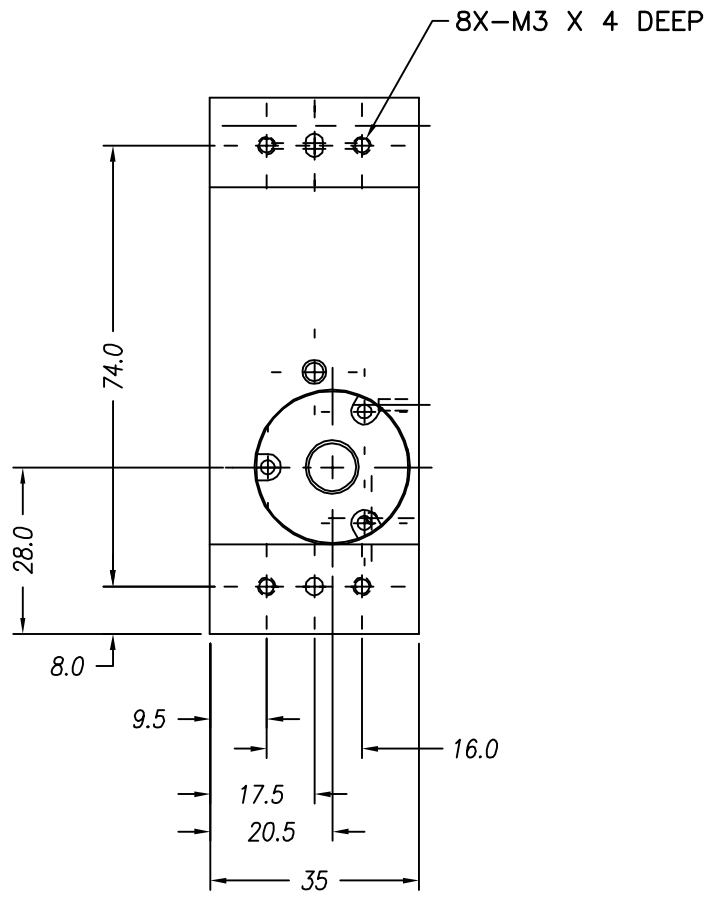
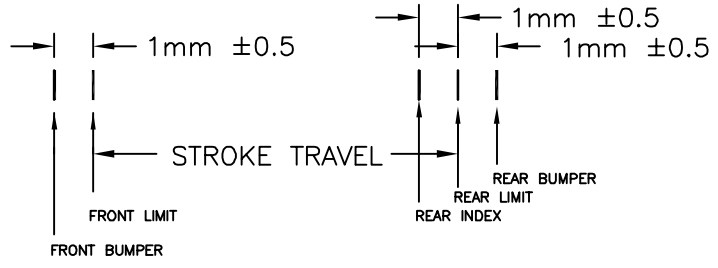
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN mm OTHERWISE NOTED.
2. LINEAR SPECIFICATION:
   - LINEAR STROKE: 50.0+1.0/−0 mm
   - FORCE CONSTANT: 10.0 N/AMP
   - PEAK FORCE: 12.5 N @ 1.3 AMPS (48 VDC)
   - CONTINUE FORCE : 10.0 N @ 1.0 AMPS (48 VDC)
   - COIL DC RESISTANCE: 31 OHMS @ 22°C
   - ENCODER RESOLUTION: 1.0 MICRON−METER
   - ENCODER ACCURACY: ±4 COUNTS
3. MOVING MASS: 130 GRAMS
4. TOTAL MASS: 1120 GRAMS
5. OPERATING TEMPERATURE: −10°C TO +65°C
6. FULL RETRACT FOR 0g PAYLOAD
7. PRELOADED LINEAR GUIDE

DB−26P PINOUT

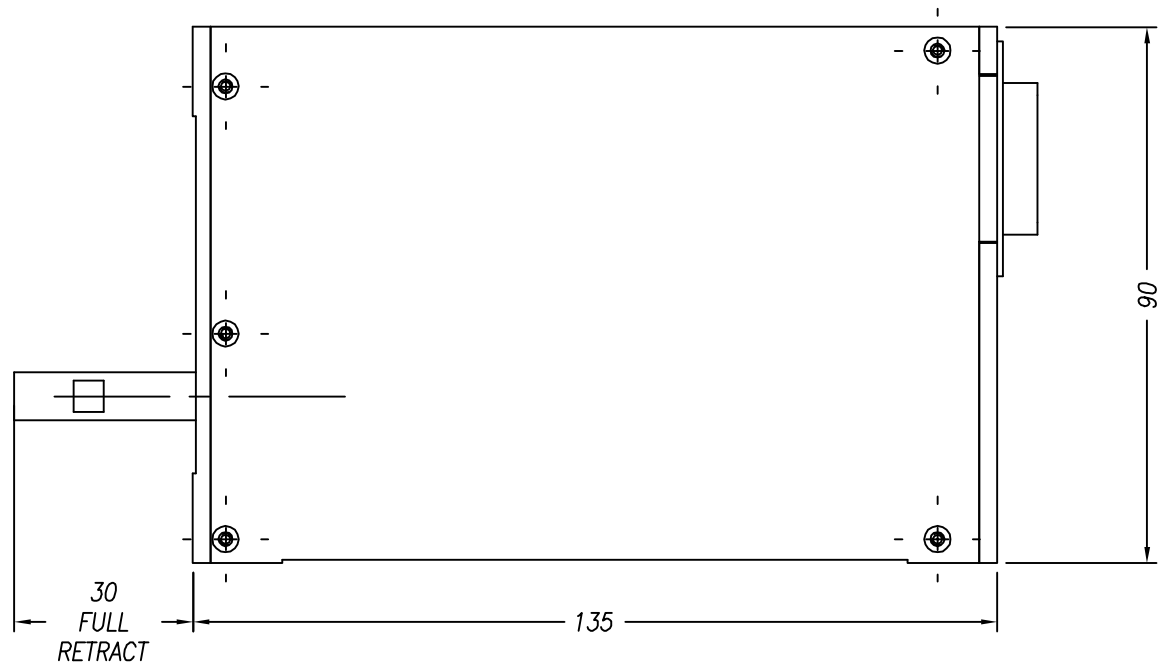
1	(L) PH. A+
2	(L) PH. B+
3	(L) PH. Z+
4	NC
5	NC
6	I/O RTN
7	(R) PH. B+
8	(R) PH. A+
9	(R) PH. I+
10	(L) PH. A−
11	(L) PH. B−
12	(L) PH. Z−
13	NC/(R) HOME
14	LIMIT +
15	LIMIT −
16	(R) PH. B−
17	(R) PH A−
18	(R) PH I−
19	+5VDC
20	5V RTN
21	(L) COIL +
22	(L) COIL +
23	(L) COIL −
24	(L) COIL −
25	(R) MOTOR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

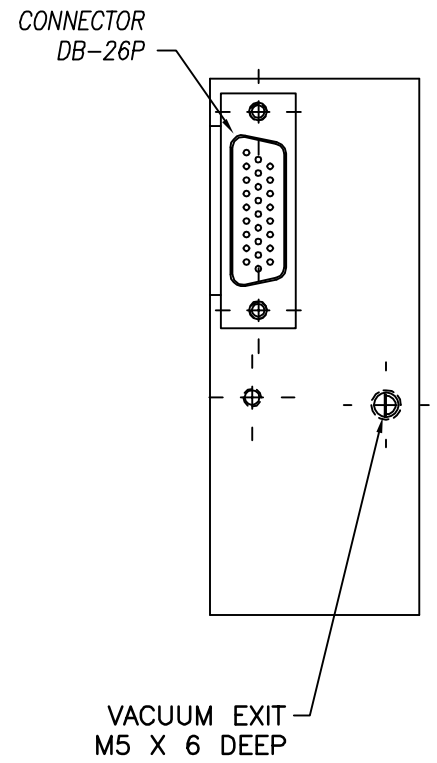


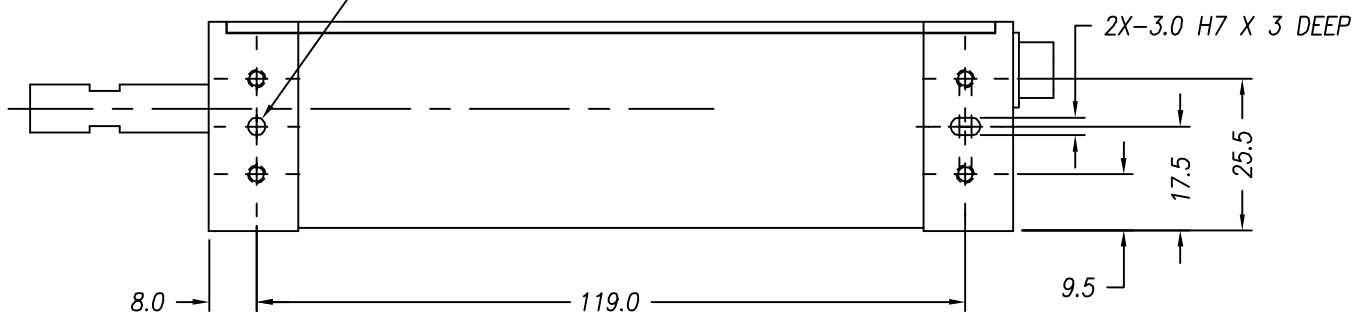


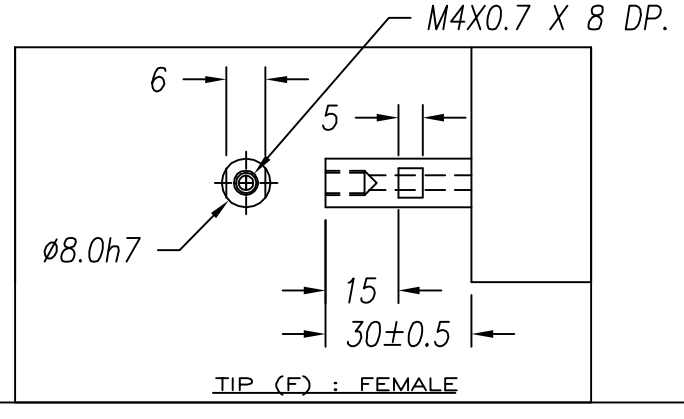
SIGNATURE NEEDED FOR ORDER APPROVAL
SIGN _____ DATE _____
APPROVAL NOT RECEIVED WITHIN
48 HOURS MAY AFFECT DELIVERY

REVISIONS				
REV	DATE	ECN	DESCRIPTION	APP
A	5/19/06		INITIAL RELEASE	









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	SMAC			REF. NUMBER: LAL35−050	
FILE NAME: LAL35−050−7	HEAT TREAT: ____/____RC ____DEEP	DESIGNED BY: SM	DATE: 5/19/06	CHECKED BY:	DATE:	CONTRACT:
		DRAWN BY: L. RAKOW	DATE: 5/19/06	APPROVED BY:	DATE:	
	MACHINE FINISH: 3.2 EXCEPT NOTED.	PART NAME: LAL35−050−7				SHEET NUMBER: 1 OF 1
	PROTECTIVE FINISH ELECTROLESS NICKEL SPEC. NUMBER:	SCALE: NONE DO NOT SCALE DWG	DWG SIZE: B	PART NUMBER: LAL35−050−7		REVISION: A