

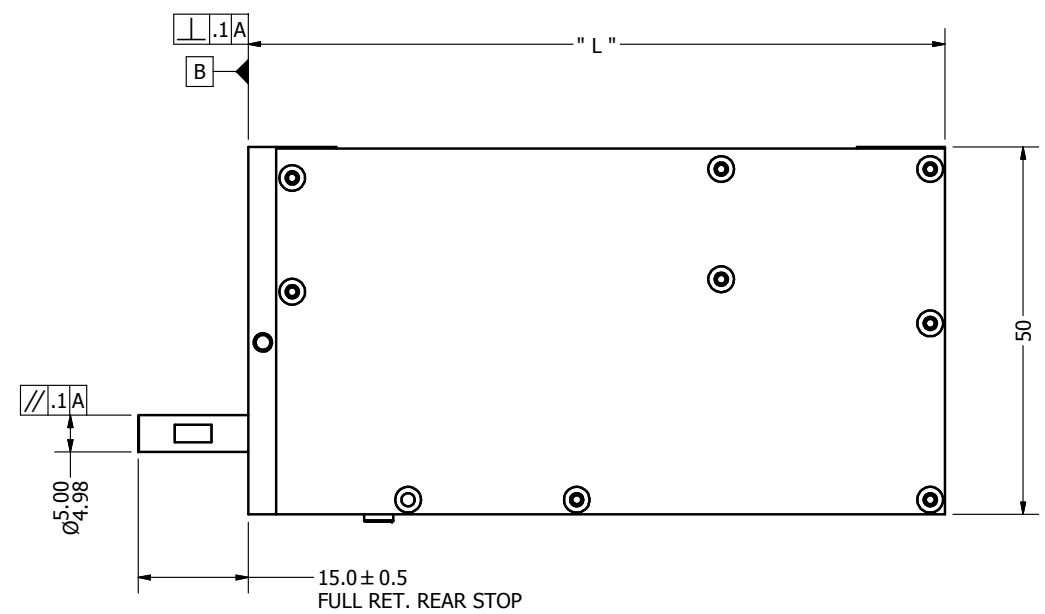
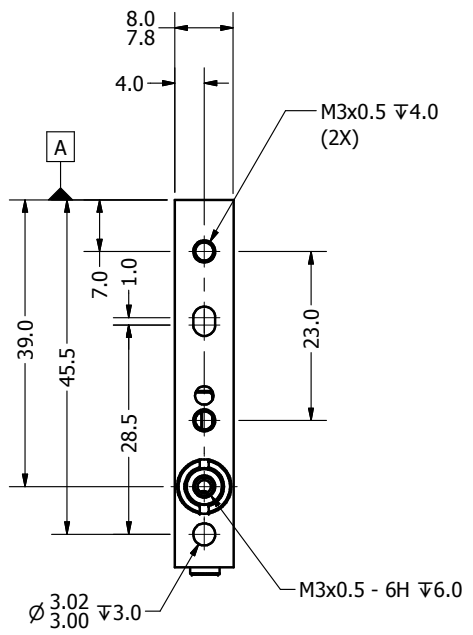
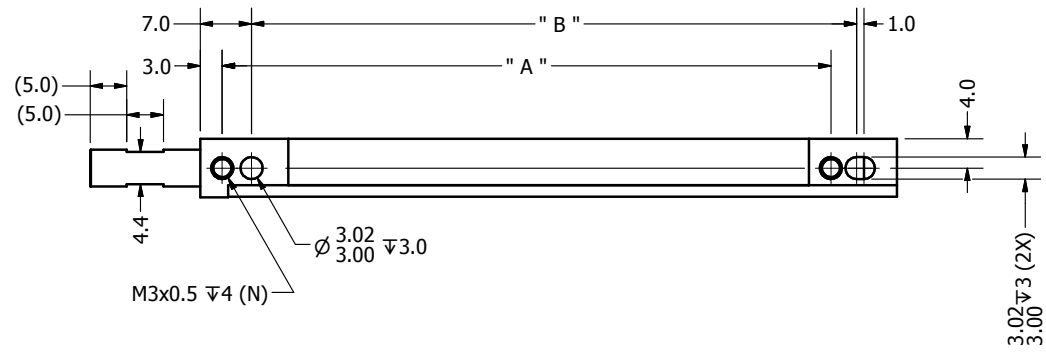
LINEAR SPECIFICATONS:

ENCODER INDEX: 2 ± 1mm FROM REAR STOP

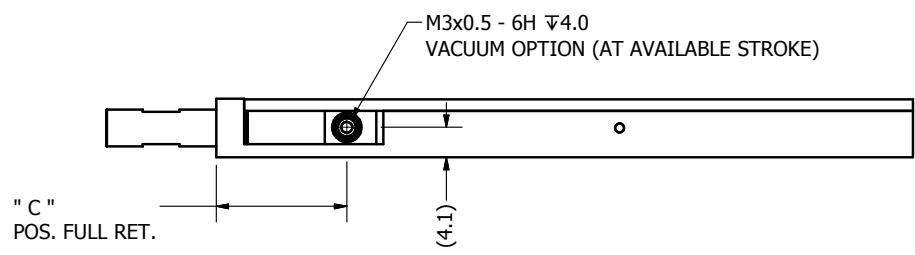
OPERATING TEMPERATURE: 0°C TO 50°C

ALL DIMENSIONS ARE IN mm

REVISION HISTORY				
REV	DATE	ECN	DESCRIPTION	APPROVED
F	4/8/2013			TOAN VU



CABLE EXT.
PIGTAIL(LG=0.5m)DB-26P
FLYING LEAD(LG=3m)DB-15,
POWER



NOTE: SPECIAL MODIFICATION REQUIRED WITH 48Vdc VERSION.

Table					
No	Details	UNIT	LCA8-010-6	LCA8-025-2	LCA8-050-2
1	LINEAR STROKE	mm	10	25	50
2	PEAK FORCE	N	4	2.6	2.6
3	FORCE CONSTANT	N/A	3.2	2.2	2.2
4	ENCODER RESOLUTION	micron	5.1	5.1	5.1
5	ENCODER REPEATABILITY	count	+/- 3	+/- 3	+/- 3
6	MAXIMUM CURRENT	Amp	1.7	1.3	1.3
7	COIL RESISTANCE	Ohm	14.5	17.9	17.9
8	MOVING MASS	Kg	0.025	.027	0.03
9	TOTAL MASS	Kg	0.16	0.18	0.22
10	VACUUM OPTION		YES	YES	MOD. REQUIRED
11	SPRING OPTION		YES	YES	MOD. REQUIRED
12	DIMENSION (L)	mm	95	110	135
13	DIMENSION (A)	mm	83	98	123
14	DIMENSION (B)	mm	82.5	97.5	122.5
15	DIMENSION (C)	mm	18	33	N/A
16	(N) Number of mounting hole		2	2	2

PIGTAIL

DB-26P	
PIN No	Details
1	PH. A+
2	PH. B+
3	PH. Z+
4	NC
5	NC
6	NC
7	NC
8	NC
9	NC
10	PH. A-
11	PH. B-
12	PH. Z-
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	+5V DC
20	5V RTN
21	NC
22	COIL U (COIL+)
23	COIL V (COIL-)
24	COIL W
25	NC
26	NC

FLYING LEAD

DB-15P	
PIN No	Details
1	PH A+
2	PH Z+
3	PH B+
4	+5V
5	NC
6	NC
7	NC
8	NC
9	PH A-
10	PH Z-
11	PH B-
12	5V RTN

POWER

PIN No	Details
1	GND
2	+V
3	U (COIL+)
4	V (COIL-)
5	W
6	NC

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 0.02 MAX CHAMFER 0.03 MAX	MATERIAL: HEAT TREATMENT: MACHINE FINISH: EXCEPT NOTED PROTECTIVE FINISH: NONE SEE NOTE SPEC. NUMBER: NONE	SMAC		REF. NUMBER: LCA8-2X,3X
DESIGNED BY: ToanVu DATE: 2/18/2013	CHECKED BY: DATE: 4/8/2013	CONTRACT: LCA8-XXX	SHEET NUMBER: 1 OF 1	
SCALE: NONE	DWG SIZE: C	PART NUMBER: LCA8-XXX-YY	REVISION: F	