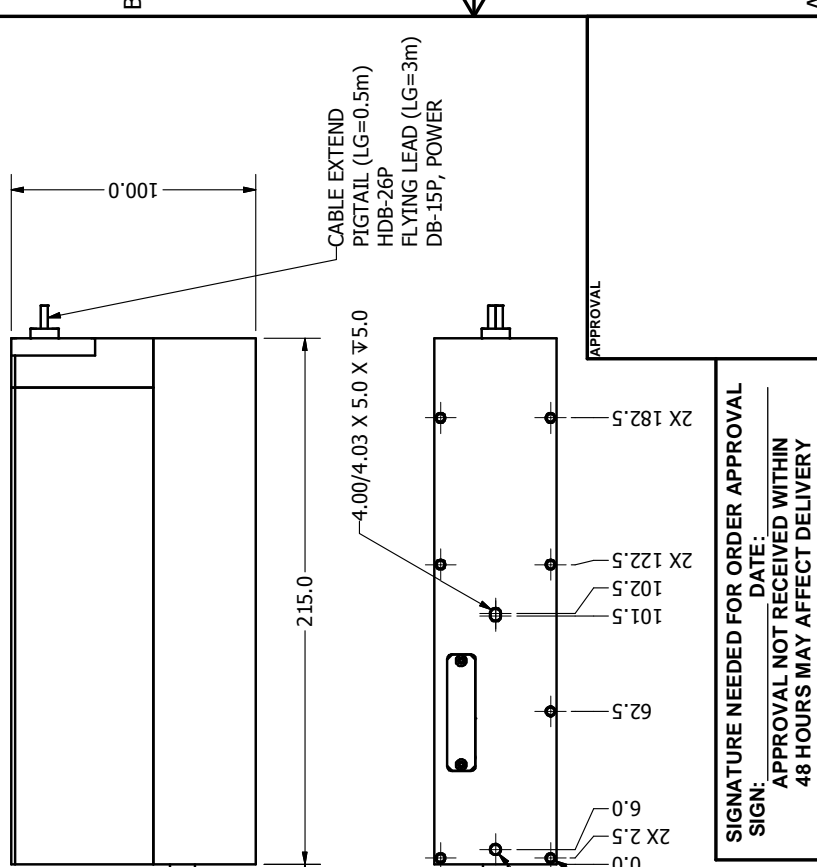


REVISION HISTORY			
REV	DATE	ECN	DESCRIPTION
A	3/2/2011	4785	NEW RELEASE
B	4/1/2013	5190	ADJUST FORCE

REV	DATE	ECN	DESCRIPTION	APPROVED
A	3/2/2011	4785	NEW RELEASE	ORAMAS
B	4/1/2013	5190	ADJUST FORCE	MAC

- NOTES (UNLESS OTHERWISE SPECIFIED)
- ALL DIMENSIONS APPLY AFTER PLATING.
  - BREAK ALL SHARP EDGES AND REMOVE BURRS.
  - ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
  - LINEAR STROKE: 50 +1/-0mm
  - PEAK FORCE: AVG. 85 N (48V@ 3.0A)
  - FORCE CONSTANT: AVG. 30N/A@48V
  - COIL RESISTANCE: 14.3 ohm
  - INDUCTANCE: 33mH
  - ENCODER RESOLUTION: 20,5,1,0.1um
  - ENCODER REPEATABILITY: ±4 ENC. COUNTS
  - MOVING MASS: .465 kg
  - TOTAL MASS: 4.34 kg
  - OPERATING TEMPERATURE: 0°C TO 65°C



DB-15P PINOUT	FUNCTION
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
13	5V RTN
14	NC
15	NC

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

POWER	
No	DETAIL
1	V RTN
2	+ V
3	COIL +
4	COIL -

SIGNATURE NEEDED FOR ORDER APPROVAL  
 SIGN: \_\_\_\_\_ DATE: \_\_\_\_\_  
 APPROVAL NOT RECEIVED WITHIN  
 48 HOURS MAY AFFECT DELIVERY

**SMAC**

REF. NUMBER: LCA 50

DESIGNED BY: MARK C DATE: 2/28/2011

DRAWN BY: MARK C DATE: 4/1/2013

PART NAME: LCA 50-050-8

SCALE: B

CONTRACT: \_\_\_\_\_

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

SHEET NUMBER: 1 OF 1

REVISION: B

DO NOT SCALE DWG

FILE NAME: LCA 50-050-8.lsw

1 2 3 4