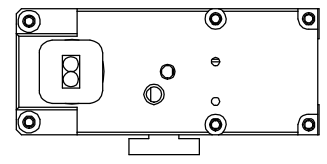
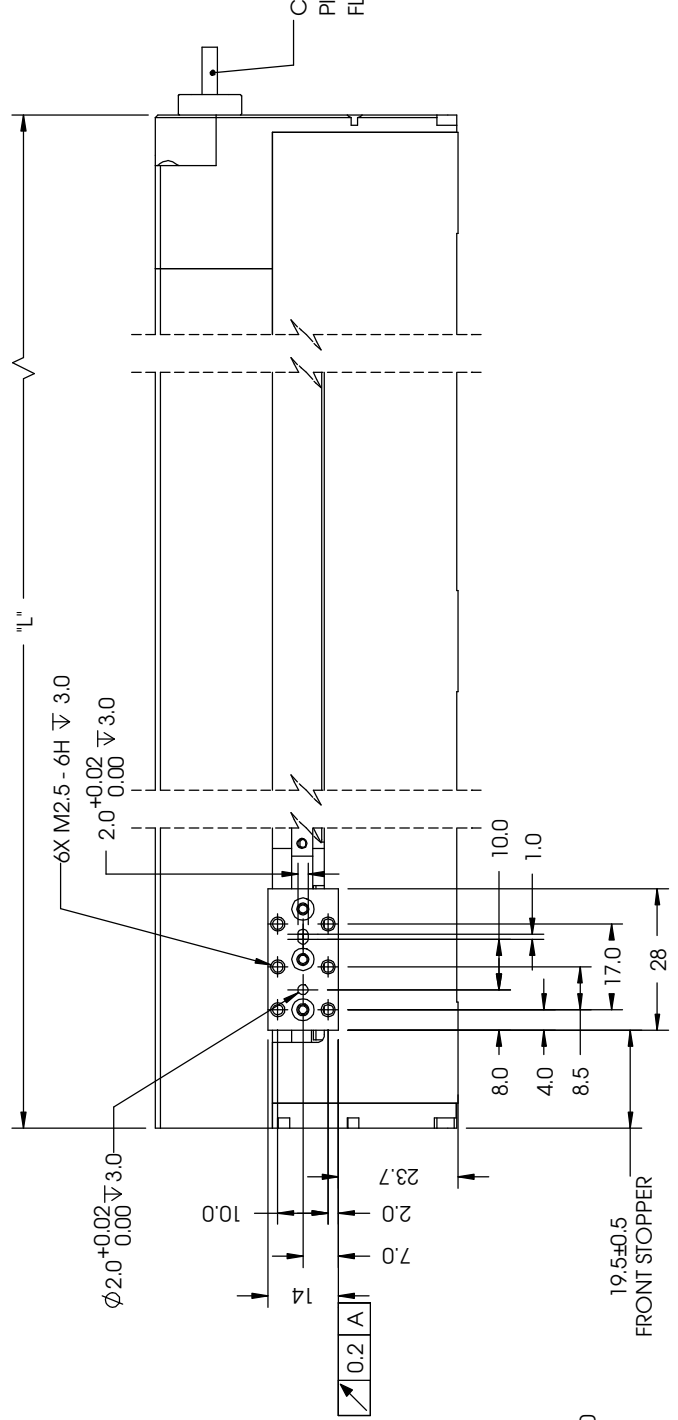


REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
J	5491	SEE ECN	11/13/2014	JF
K	5634	CHANGE LENGTH 'A'	8/27/2015	SB
L	6276	UPDATED SPECIFICATIONS	8/23/2018	BUC



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



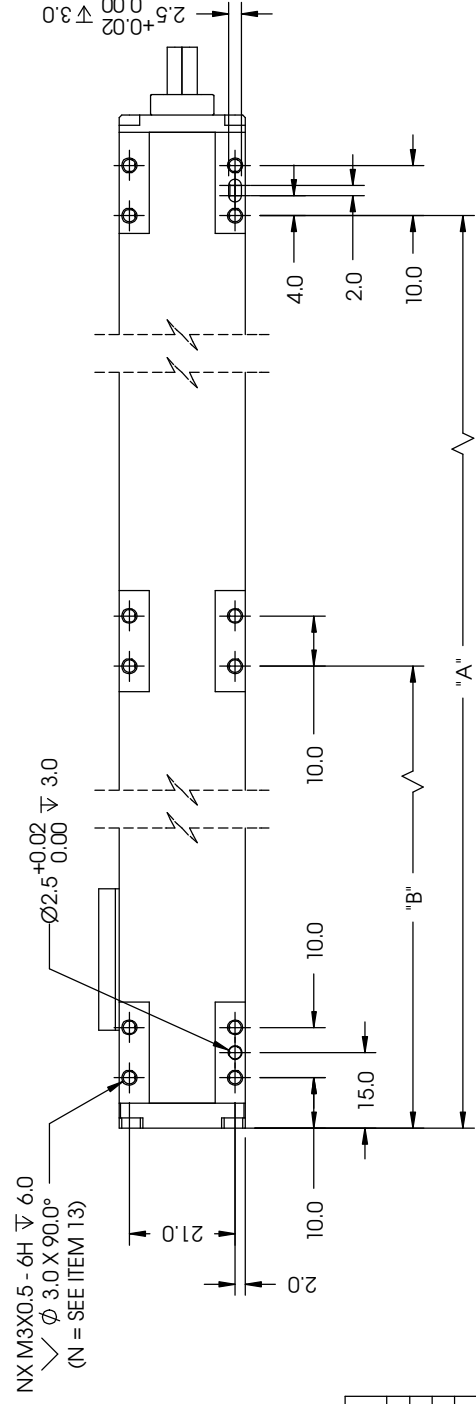
PIGTAIL

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

FLYING LEAD

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

PIN No	POWER
1	GND
2	+V
3	U
4	V
5	W
6	NC



LCS25-XXX-YY-Z

NO	DETAILS	UNIT	LCS25-010-55-2	LCS25-010-75-2	LCS25-025-15-6	LCS25-025-35-6	LCS25-050-15-6	LCS25-050-35-6	LCS25-100-15-6	LCS25-100-35-6	LCS25-150-15-6	LCS25-150-35-6	LCS25-200-15-6	LCS25-200-35-6
1	LINEAR STROKE	mm	10	10	25	25	50	50	100	100	150	150	200	200
2	PEAK FORCE	N	16	22	15	20.5	15	20.5	20.5	20.5	15	20.5	15	20.5
3	CONTINUOUS FORCE	N	6	8	7	8	7	8.8	8.8	8.8	7	8.8	7	8.8
4	COIL RESISTANCE	Ohm	9.1	TBD	15	30	15	30	30	30	15	30	15	30
5	MOVING MASS	kg	0.085	0.085	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
6	TOTAL MASS	kg	0.45	0.45	0.55	0.55	0.616	0.616	0.808	0.808	TBD	TBD	1.183	1.183
7	DIMENSION (L)	mm	130	130	130	130	155	155	205	205	255	255	310	310
8	DIMENSION (A)	mm	110	110	110	110	135	135	185	185	238	238	290	290
9	DIMENSION (B)	mm	0	0	0	0	0	0	90	90	115	115	140	140
10	MOUNTING HOLES (N)		8	8	8	8	8	8	12	12	12	12	12	12

- NOTES (UNLESS OTHERWISE SPECIFIED):
- LINEAR SPECIFICATIONS:
  - OPERATING TEMPERATURE: 0 °C TO 45 °C
  - ENC. RESOLUTION: 5, 1 um
- ENCODER REPEATABILITY: ±4 COUNTS

UNLESS OTHERWISE SPECIFIED  
ALL DIMENSIONS ARE IN MM  
BREAK EDGES AND REMOVE BURRS

SMAC  
5807 VAN ALLENWAY  
CARLSBAD CA, 92008  
(760) 929-7588

NAME: JF  
DATE: 12/18/10  
DWN BY: JF  
CHK BY: TMV  
ENG APP: 11/13/14

MACHINE FINISH: 1.6/  
INTERPRET PER: ASME Y14.5-2009  
THIRD ANGLE PROJECTION

REF. NUMBER: LCS25  
CONTRACT: STD

TOLEANCES  
X: ±0.5 XX: ±0.1  
XXX: ±0.03 ANGLE: ±0.1°  
CONCENTRICITY: ±0.025  
ROUNDNESS: ±0.025  
EDGE BREAKS: 0.2 MAX  
ALL DIMENSIONS AND TOLERANCES ARE FINAL

PROPRIETARY AND CONFIDENTIAL  
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SIZE: B  
PART NO: LCS25-XXX-YY-Z\_L  
REV: L

SCALE: 1:5 DO NOT SCALE  
SHEET: 1/1