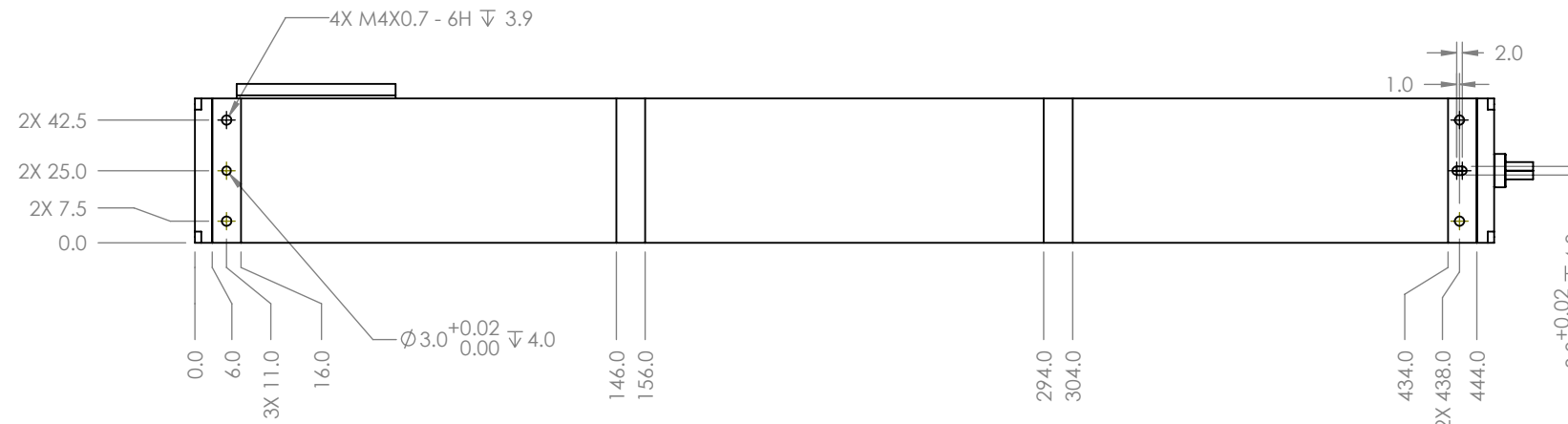
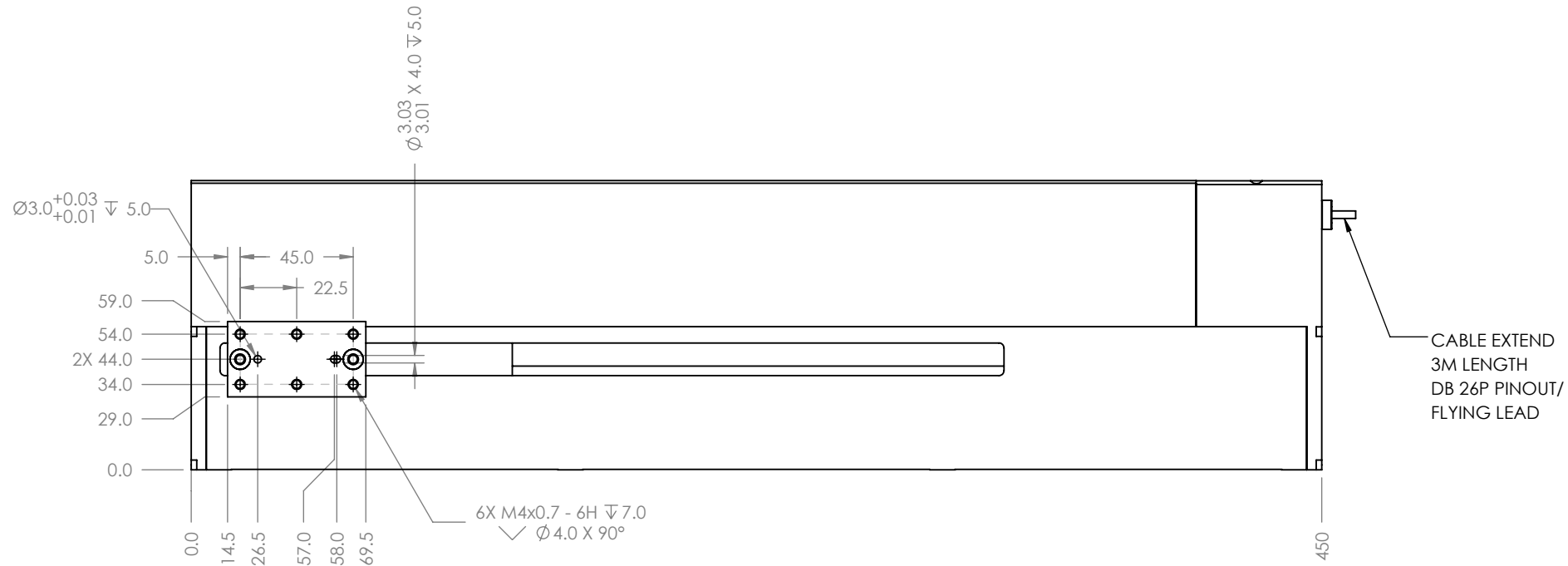
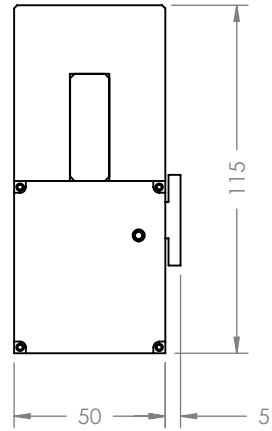


NOTES (UNLESS OTHERWISE SPECIFIED)

- 1. LINEAR SPECIFICATIONS:
- LINEAR STROKE: 250 mm
- PEAK FORCE: 110 N @ 1.7A (48Vdc)
- FORCE CONSTANT: 65 N/A
- ENC. RESOLUTION: 5, 1, 0.1 um
- MAX CURRENT: 1.7A
- COIL RESISTANCE: 27.5 Ohm
- MOVING MASS: 0.885 kg
- TOTAL MASS: 8.7 kg

REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
A2		INITIAL RELEASE	12/20/2012	MAC
B	5491	NEW PART #	11/18/2014	JUSTIN
C		ADDED MOUNTING SLIDE	3/2/2018	BJC
D	7193	CORRECTED TOTAL MASS	4/17/20	ARB



PIN No	DB-26P
1	(L) PH. A+
2	(L) PH. B+
3	(L) PH. Z+
4	NC
5	NC
6	I/O RTN
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	+5 VDC
20	5V RTN
21	NC
22	COIL U
23	COIL V
24	COIL W
25	NC
26	NC

PIN No	DB-15P
1	PH. A+
2	PH. Z+
3	PH. B+
4	+5 Vdc
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	PHOENIX. 6P
1	GND
2	+V
3	MOTOR U (MOTOR+)
4	MOTOR V (MOTOR-)
5	MOTOR W
6	NC

UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE IN MM  
 BREAK EDGES AND REMOVE BURRS  
 TOLERANCES  
 X: ±0.5 X.X: ±0.1  
 X.XX: ±0.03 ANGLE: ±0.1°  
 CONCENTRICITY: ±0.025  
 ROUNDNESS: ±0.025  
 EDGE BREAKS: 0.2 MAX  
 ALL DIMENSIONS AND TOLERANCES ARE FINAL

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

NAME	DATE
DWN BY: MAC	8/26/2010
CHK BY: JF	11/18/2014
ENG APP	
MFG APP	
QA APP	

**SMAC** 5807 VAN ALLEN WAY  
 CARLSBAD CA, 92008  
 (760) 929-7588  
 TITLE: MOVING COIL ACTUATORS  
**LCS50-250-XX-6**  
 SIZE: B PART NO: LCS50-250-XX-6 REV: D  
 SCALE: 1:5 DO NOT SCALE SHEET: 1 / 1

REF. NUMBER	LCS50-250
CONTRACT	STD