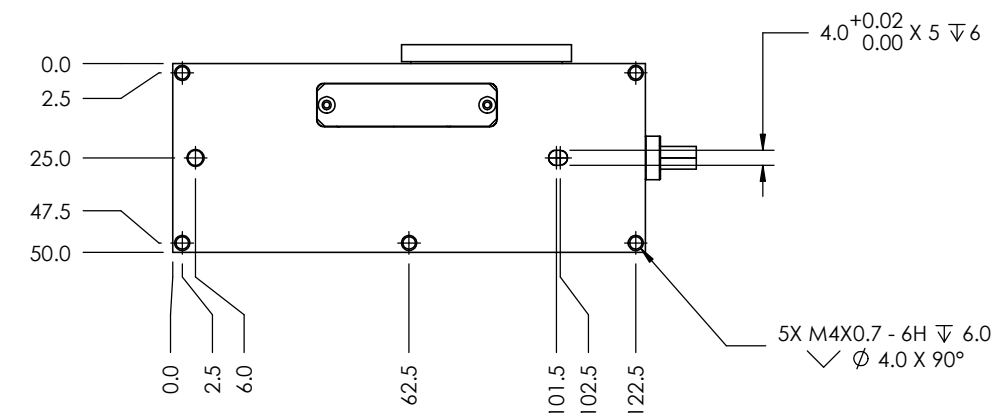
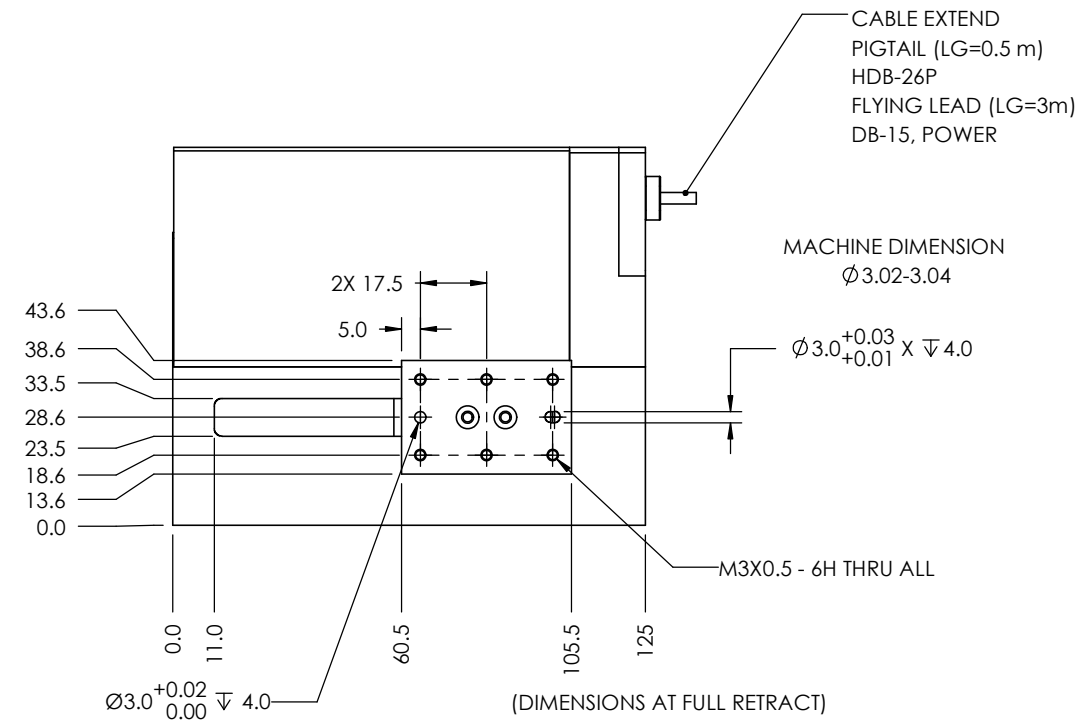
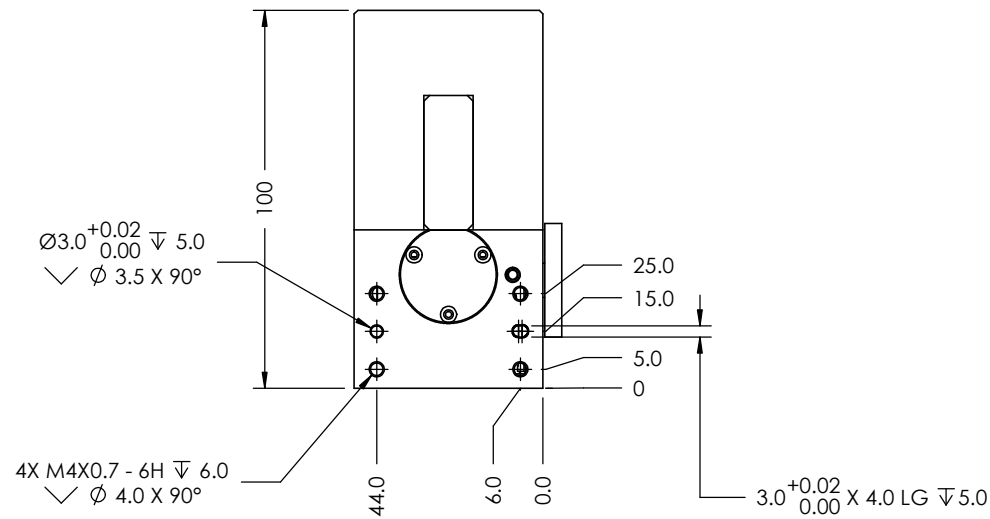


NOTES (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS APPLY AFTER PLATING.
2. LINEAR STROKE: 50 +1/-0mm
3. PEAK FORCE: 45 N (48V@1.6A)
4. FORCE CONSTANT: AVG 30N/A @ 48V
5. COIL RESISTANCE: 29-30 Ohm
6. INDUCTANCE: AVG. 20.45 mH
7. ENCODER RESOLUTION: 5, 1 um
8. ENCODER REPEATABILITY: ±4 ENC. COUNTS
9. MOVING MASS: 0.33kg
10. TOTAL MASS: 2.57kg
11. OPERATING TEMPERATURE: 0 °C TO 65 °C

REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
A		QUOTE	1/30/2012	MAC
A1		CHANGE FORCE NOTE	1/30/2012	MAC
B		CHG NOTES	6/24/2015	MAC
C	6906	ADDED MOUNTING UNIT	9/23/2019	CP



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	L. COIL +
22	L. COIL +
23	L. COIL -
24	L. COIL -
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	5V RTN
14	NC
15	NC

PIN No	PHOENIX. 4P
1	V RTN
2	+V
3	MOTOR +
4	MOTOR -

UNLESS OTHERWISE SPECIFIED		MATERIAL:		NAME		DATE		5807 VAN ALLEN WAY	
ALL DIMENSIONS ARE IN MM		FINISH:		DWN BY		12/16/2010		CARLSBAD CA, 92008	
BREAK EDGES AND REMOVE BURRS		MACHINE FINISH: 1.6		CHK BY		1/30/2012		(760) 929-7588	
TOLERANCES		INTERPRET PER:		ENG APP		MFG APP		TITLE:	
X: ±0.5 XX: ±0.1		ASME Y14.5-2009		QA APP		MFG APP		MOVING COIL ACTUATORS	
XXX: ±0.03 ANGLE: ±0.1°		THIRD ANGLE PROJECTION		QA APP		MFG APP		LCS50-050-7	
CONCENTRICITY: ±0.025		THE INFORMATION CONTAINED IN THIS DRAWING IS THE		PROPRIETARY AND CONFIDENTIAL		SIZE:		PART NO:	
ROUNDNESS: ±0.025		SOLE PROPERTY OF		SMAC		B		LCS50-050-7	
EDGE BREAKS: 0.2 MAX		SMAC. ANY REPRODUCTION IN PART OR AS A		REV:		C		SHEET: 1 / 1	
ALL DIMENSIONS AND TOLERANCES ARE FINAL		WHOLE WITHOUT THE WRITTEN PERMISSION		SCALE: 1:2		DO NOT SCALE			
		OF SMAC IS PROHIBITED.							