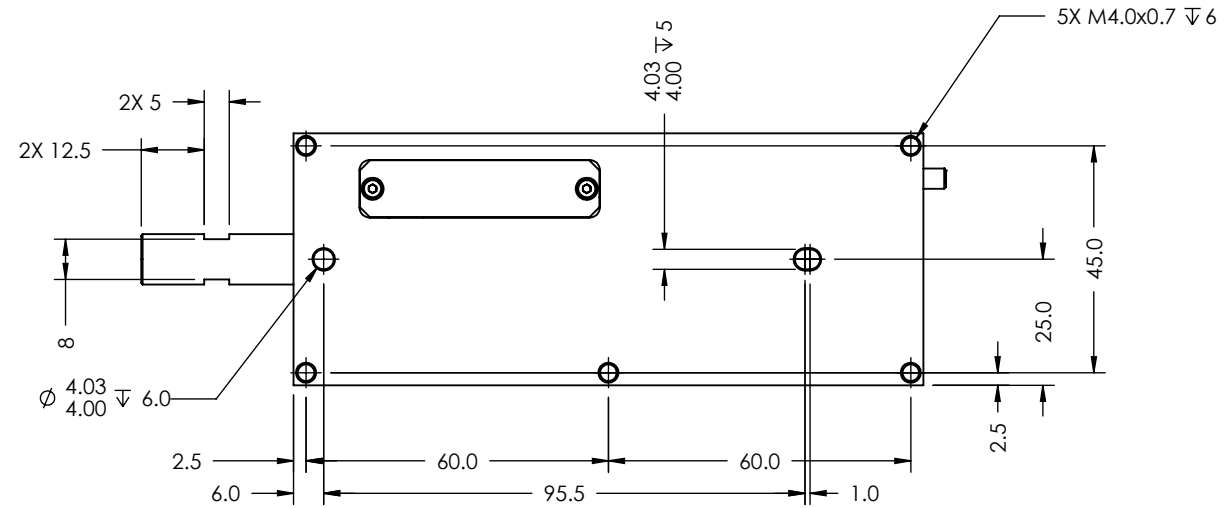
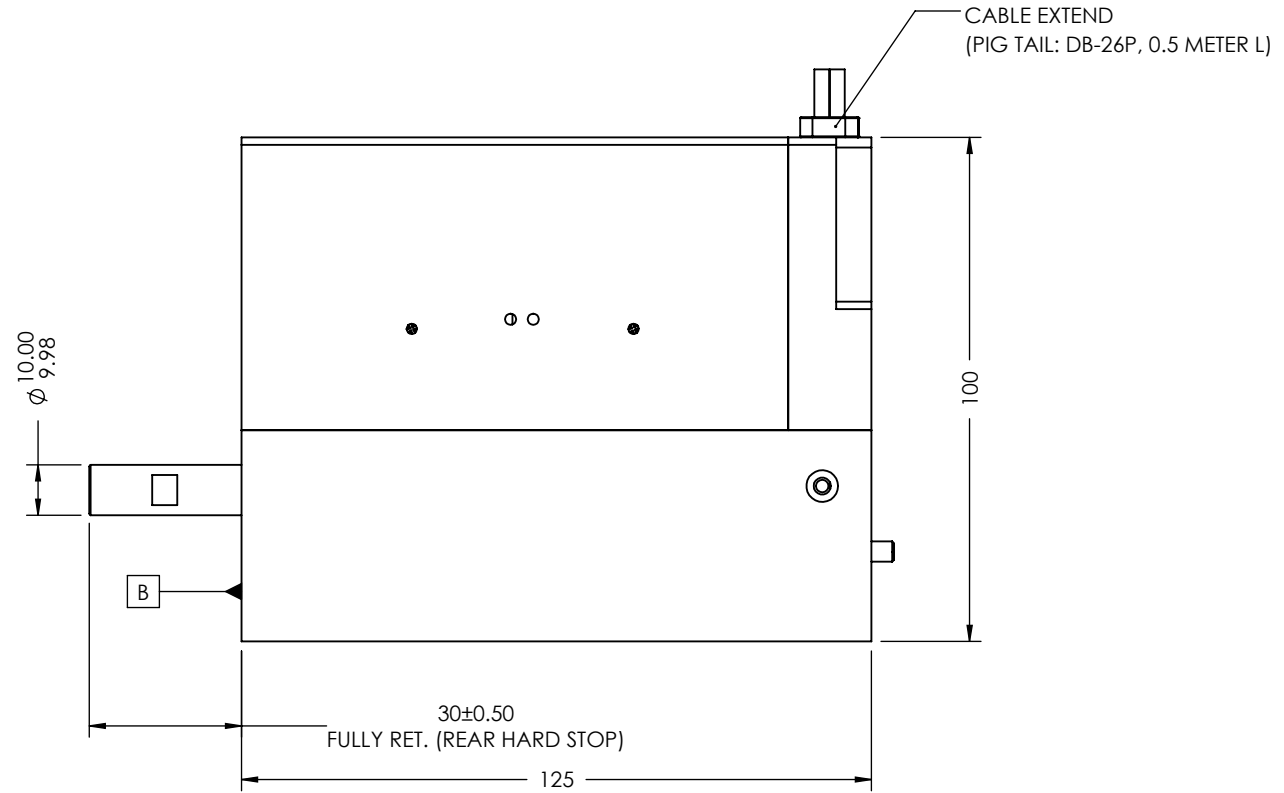
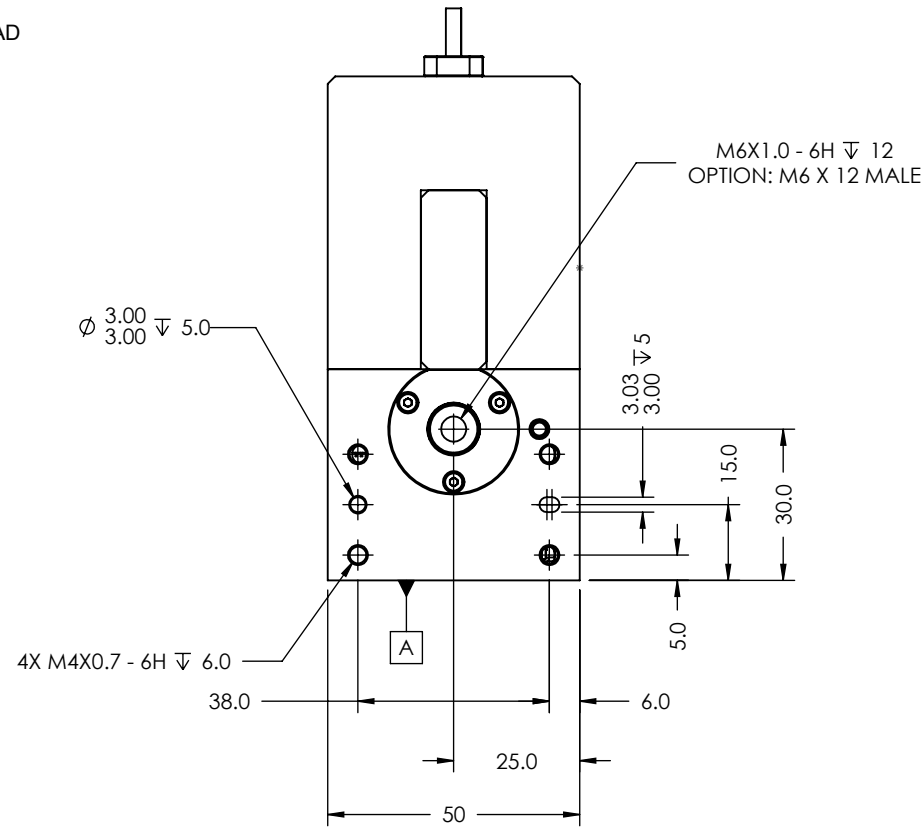
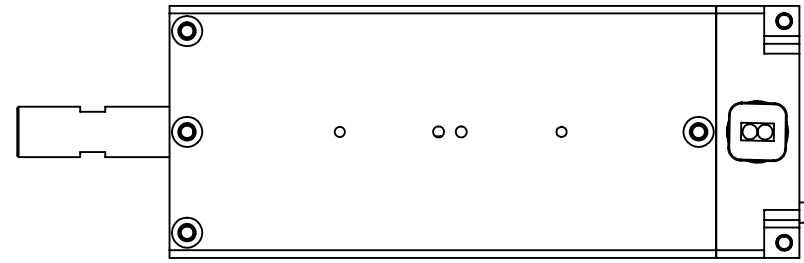


NOTES (UNLESS OTHERWISE SPECIFIED)

- 1. LINEAR SPECIFICATIONS:
 LINEAR STROKE: 10 mm
 ENC. RESOLUTION(+A/-A;+B/-B): 5,1, 0.1 um
 ENCODER REPEATABILITY: 10 um
 INDEX LOCATION(+Z/-Z): 2.0 ± 1 mm(REAR HARD STOP)
 OPERATING VOLTAGE: 48 Vdc
 COIL RESISTANCE: 15.5 Ohm
 COIL INDUCTANCE: 27 mH
 PEAK FORCE: 130 N @ 48Vdc, 2.8A
 FORCE CONSTANT: 46 N/A
 MOVING MASS: 0.43 kg
 TOTAL MASS: 2.6 kg
- 2. VACUUM OPTION: NONE
- 3. SPRING OPTION: YES
- 4. OPERATING TEMPERATURE: 0°C TO 40°C
- 5. PLATING: ELECTROLESS NICKEL, GLASS BEAD



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	+5 VDC
20	5V RTN
21	(L) MOTOR+
22	(L) MOTOR+
23	(L) MOTOR-
24	(L) MOTOR-
25	NC
26	NC

REF. MOD: 2331 (M6 X 12 MALE SHAFT)

REF. NUMBER	LCA50-050
CONTRACT	LCA50-010-7X-2

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:		NAME	DATE
FINISH:		DWN BY	TMV 08/31/17
MACHINE FINISH:	1.6	CHK BY	TMV 08/31/17
INTERPRET PER:	ASME Y14.5-2009	ENG APP	TOAN VU 08/31/17
		MFG APP	
		QA APP	

SMAC MOVING COIL ACTUATORS 5807 VAN ALLEN WAY CARLSBAD CA, 92008 (760) 929-7588		REV:	A
		SIZE:	B
PART NO: LCA50-010-7X-2		SCALE:	DO NOT SCALE
SHEET:		1 / 1	