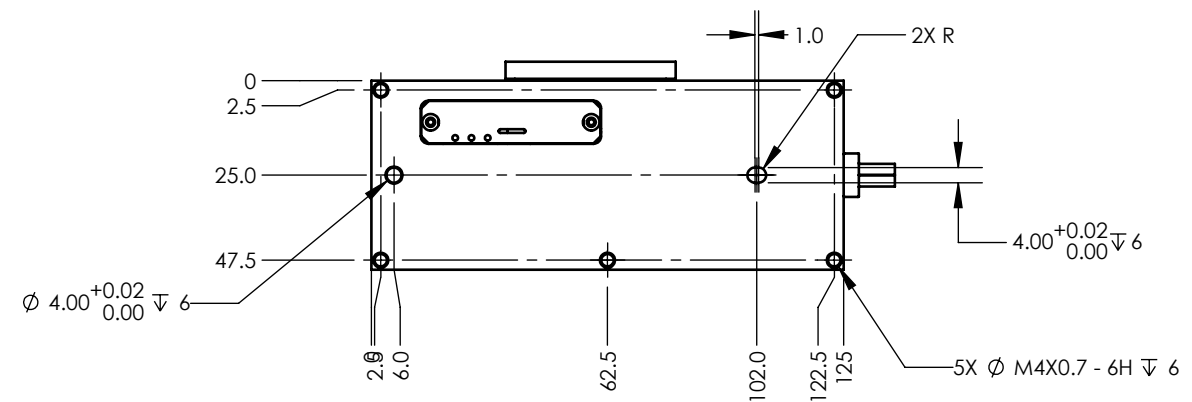
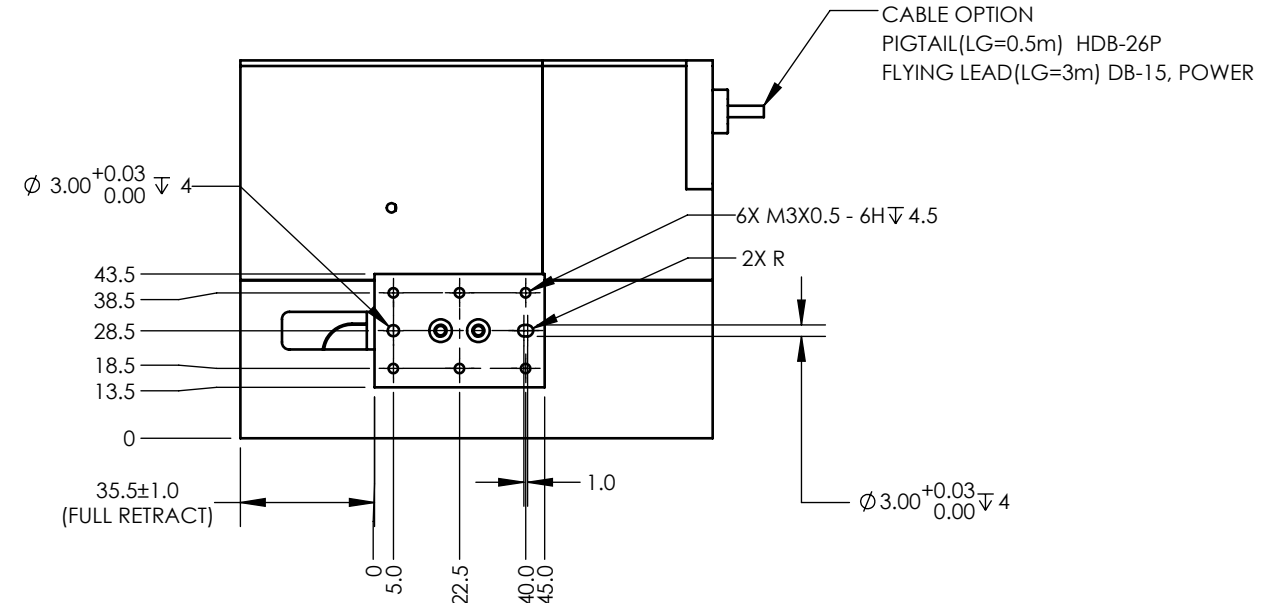
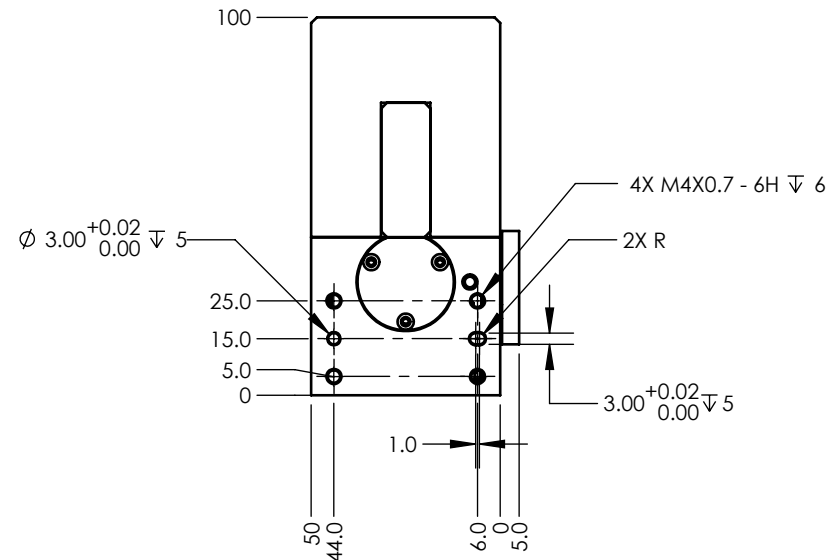


NOTES (UNLESS OTHERWISE SPECIFIED)

- 1. LINEAR SPECIFICATIONS:
 LINEAR STROKE: 25 +1.5/0 mm
 ENC. RESOLUTION(+A/-A;+B/-B): 5, 1, 0.1 um
 ENCODER REPEATABILITY: ± 4 COUNTS
 INDEX LOCATION(+Z/-Z): 2±0.5 mm FROM REAR STOP
 OPERATING VOLTAGE: 48 Vdc
 COIL RESISTANCE: 31.5 Ohm
 INDUCTANCE: 60 mH
 PEAK FORCE: 50 N @ 1.5 A
 FORCE CONSTANT: 40 N/A
 MOVING MASS: 0.296 kg
 TOTAL MASS: 2.118 kg
- 2. VACUUM OPTION: NO
- 3. SPRING OPTION: YES
- 4. OPERATING TEMPERATURE: 0°C TO 65°C
- 5. TOLERANCES
 X.: ±0.5
 X.X: 0.25

REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
D	7608	ADDED SLIDER, REDRAWN	6/30/2021	TW



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

FLYING LEAD

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

PHOENIX. 4P

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

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

NAME: TW
 DATE: 6/30/2021
 DWN BY: TW
 CHK BY: TMV
 ENG APP: TMV
 MFG APP: QA APP

SMAC 5807 VAN ALLEN WAY CARLSBAD CA, 92008 (760) 929-7588
MOVING COIL ACTUATORS
LINEAR SLIDE
 SIZE: B PART NO: LCS50-025-7X-1 REV: D
 SCALE: 1:2 DO NOT SCALE SHEET: 1 / 1

REF. NUMBER	LCS50-025
CONTRACT	STD