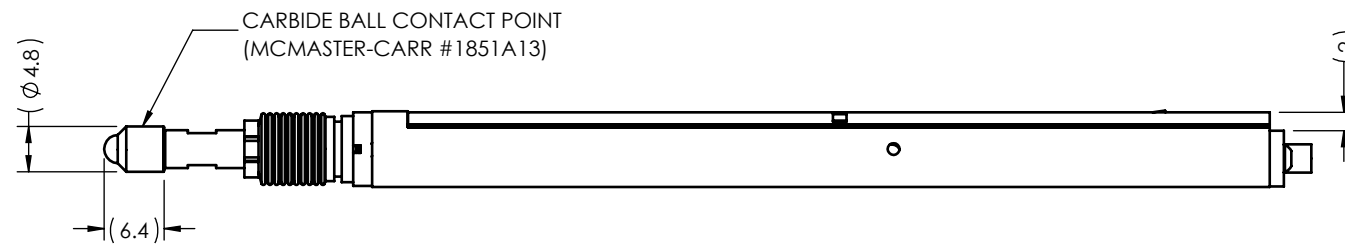
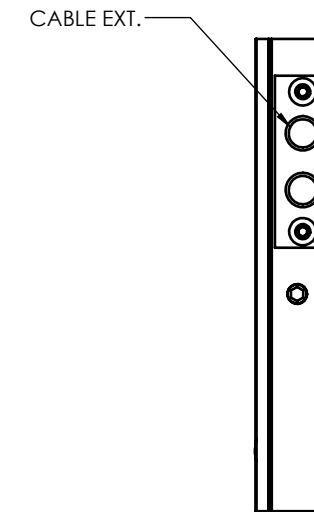
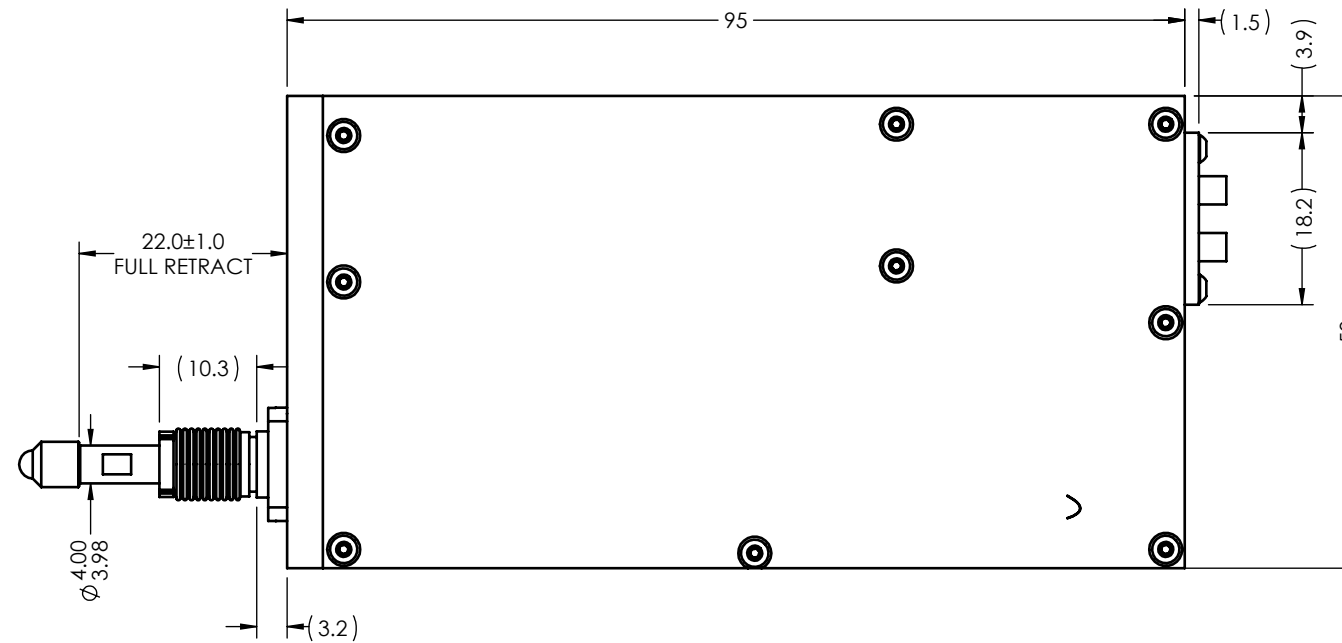
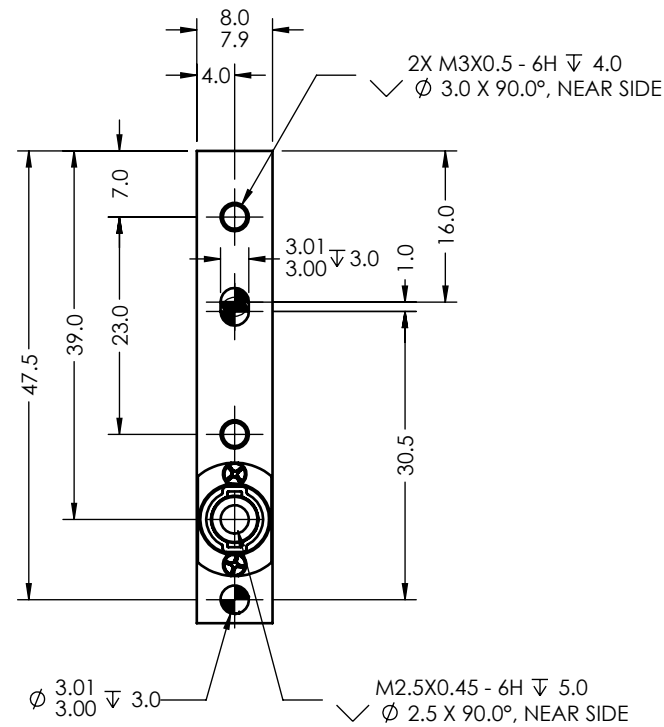
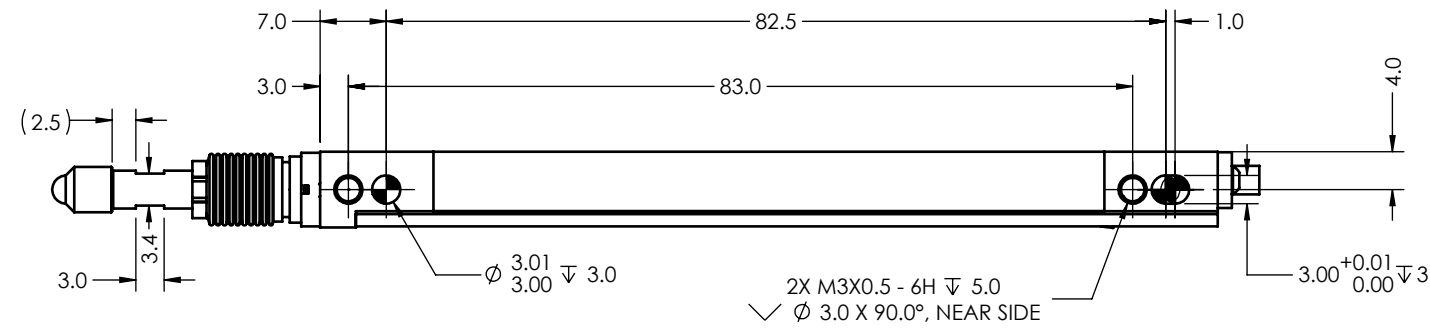


LINEAR SPECIFICATION:  
 LINEAR STROKE: 10.0 +1/-0 mm  
 PEAK FORCE: 4 N  
 FORCE CONSTANT: 3.2 N/A  
 ENCODER RESOLUTION: 1 μm  
 MOVING MASS: 0.025 Kg  
 TOTAL MASS: 0.17 Kg  
 OPERATING TEMPERATURE: 0 C TO 50 C  
 IP RATING: 54

REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
A	-	INITIAL RELEASE	8/31/2020	HE
B	-	ADDED IP RATING	10/6/2020	HE



PIGTAIL	
PIN No	HDB-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) MOTO R+
22	(L) MOTO R+
23	(L) MOTO R-
24	(L) MOTO R-
25	NC
26	NC

REF. NUMBER	MLAB-010
CONTRACT	MLAB-010

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

MATERIAL: SEE BOMS  
 FINISH:  
 MACHINE FINISH:  
 INTERPRET PER: ASME Y14.5-2009  
 THIRD ANGLE PROJECTION

NAME	HE	DATE	8/31/2020
DWN BY	HE	CHK BY	TMV
ENG APP		MFG APP	
QA APP			

**SMAC** 5807 VAN ALLEN WAY  
 CARLSBAD CA, 92008 (760) 929-7588  
 TITLE: MOVING COIL ACTUATORS  
**LINEAR ACTUATOR**  
 SIZE: B PART NO: MLAB-010-51-2-F5 REV: B  
 SCALE: 1.25:1 DO NOT SCALE SHEET: 1 / 1