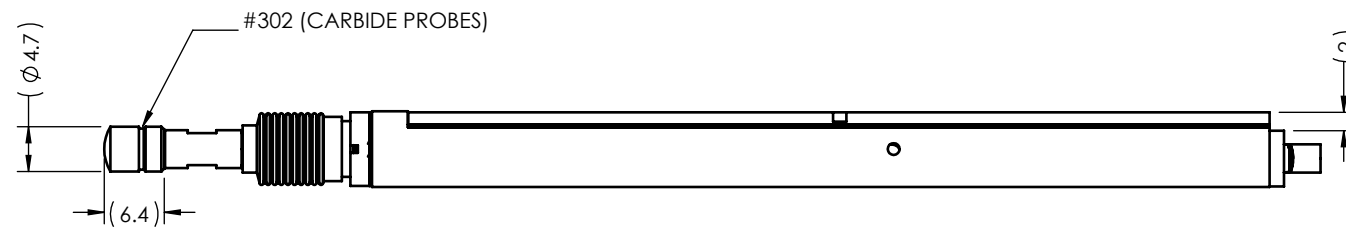
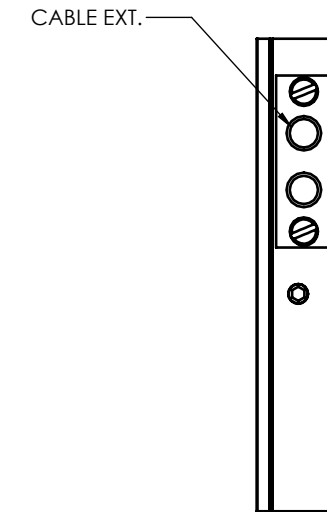
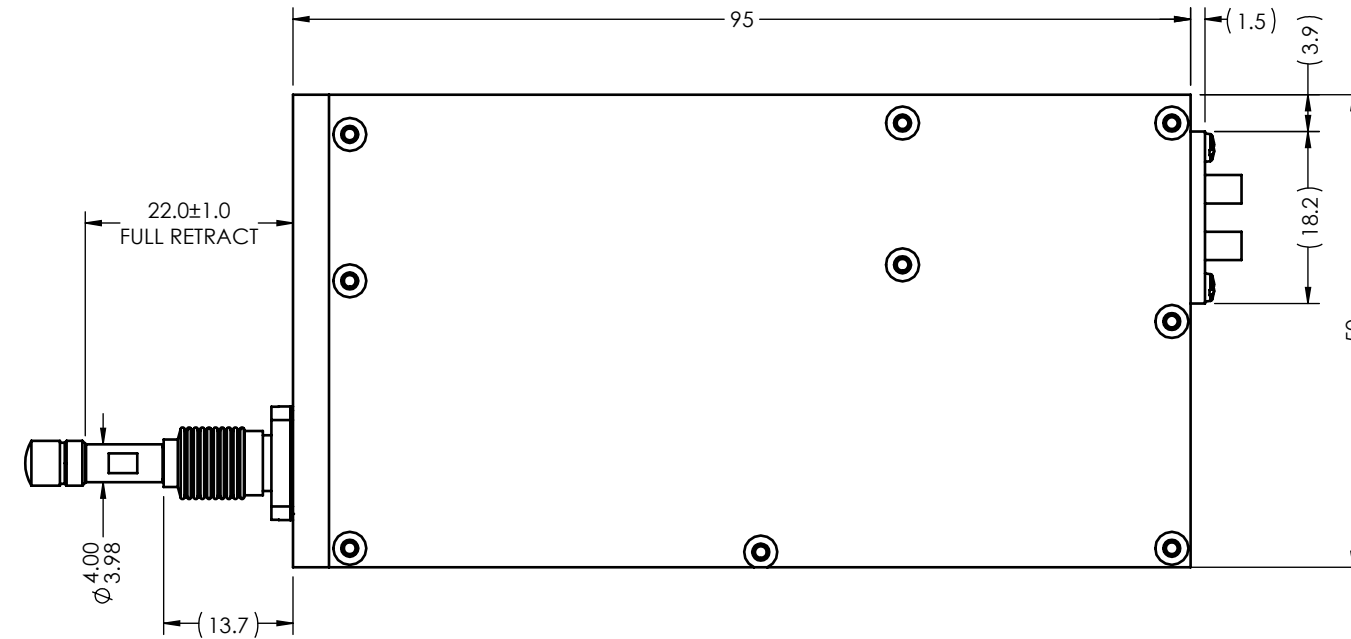
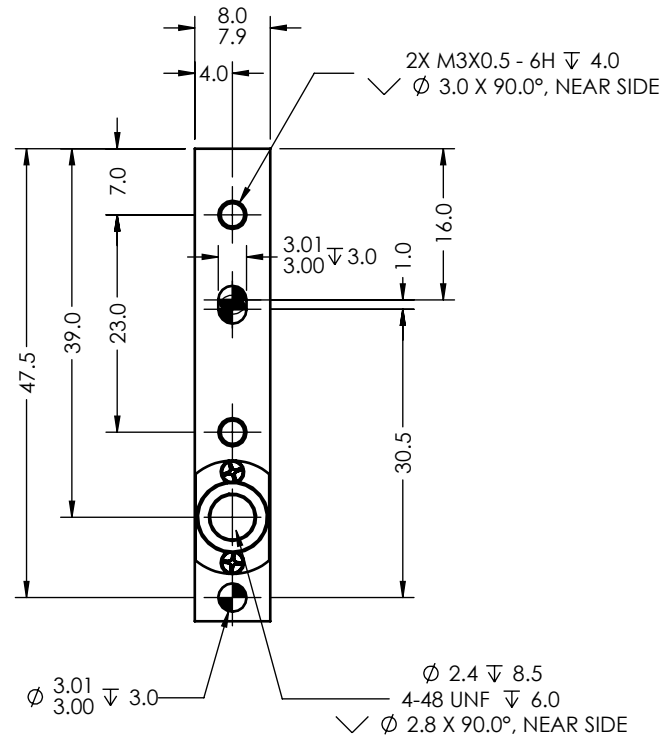
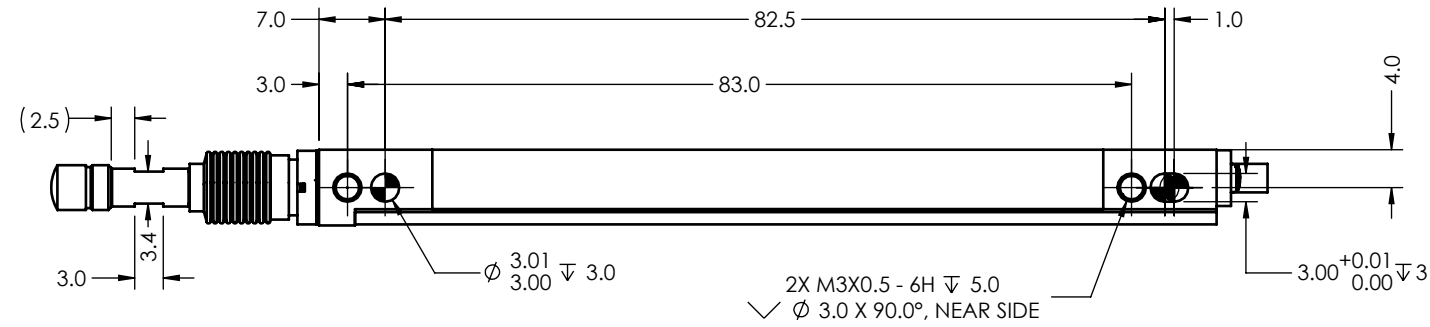


LINEAR SPECIFICATION:
 LINEAR STROKE: 10.0 +1/-0 mm
 PEAK FORCE: 4 N
 FORCE CONSTANT: 3.2 N/A
 ENCODER RESOLUTION: 1 μm
 MOVING MASS: 0.025 Kg
 TOTAL MASS: 0.17 Kg
 OPERATING TEMPERATURE: 0 °C TO 60 °C
 IP RATING: 54

REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
A	-	INITIAL RELEASE	8/31/2020	HE
B	-	ADDED IP RATING	10/6/2020	HE
C	-	OPERATING TEMPERATURE WAS 50 °C	11/10/2020	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: ± 0.5 X.X: ± 0.1
 X.XX: ± 0.03 ANGLE: $\pm 0.1^\circ$
 CONCENTRICITY: ± 0.025
 ROUNDNESS: ± 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	DATE	8/31/2020
CHK BY	TMV	DATE	9/17/2020
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-C REV: C
 SCALE: 1.25:1 DO NOT SCALE SHEET: 1 / 1