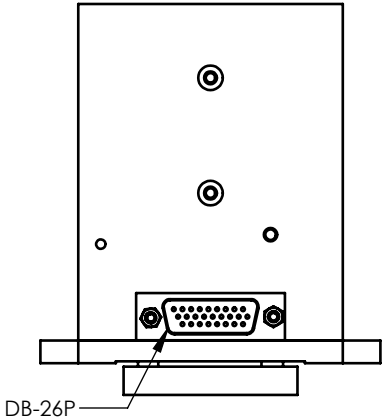
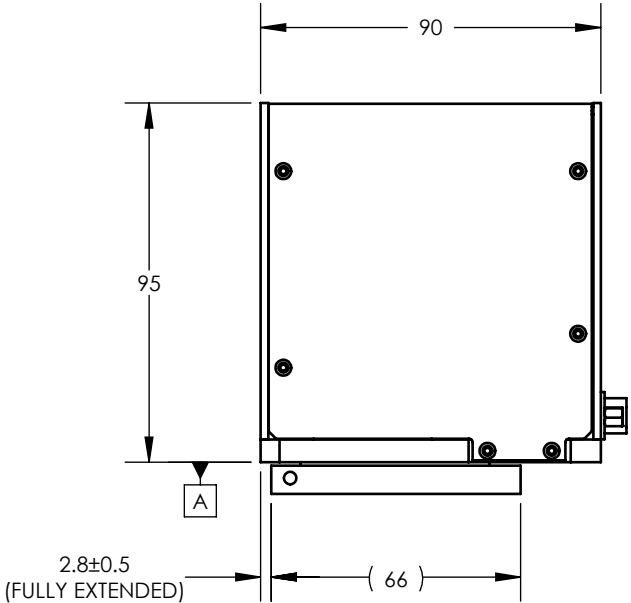
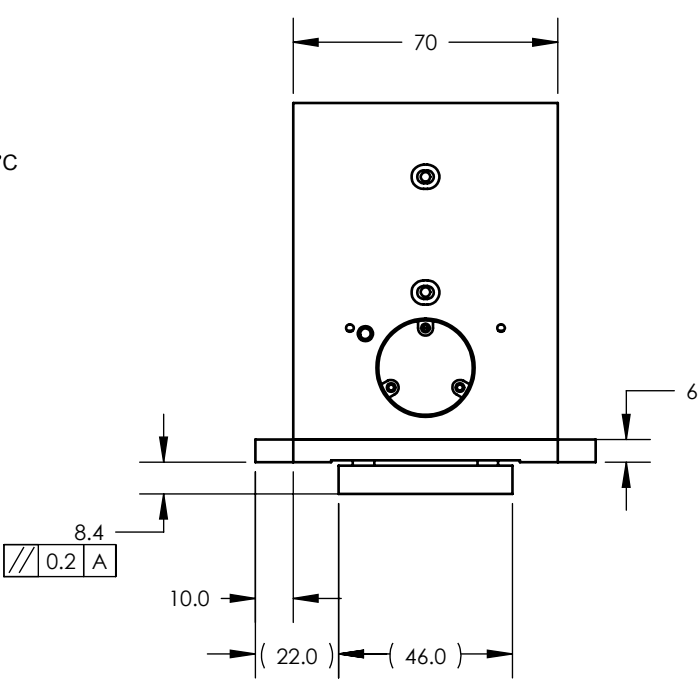


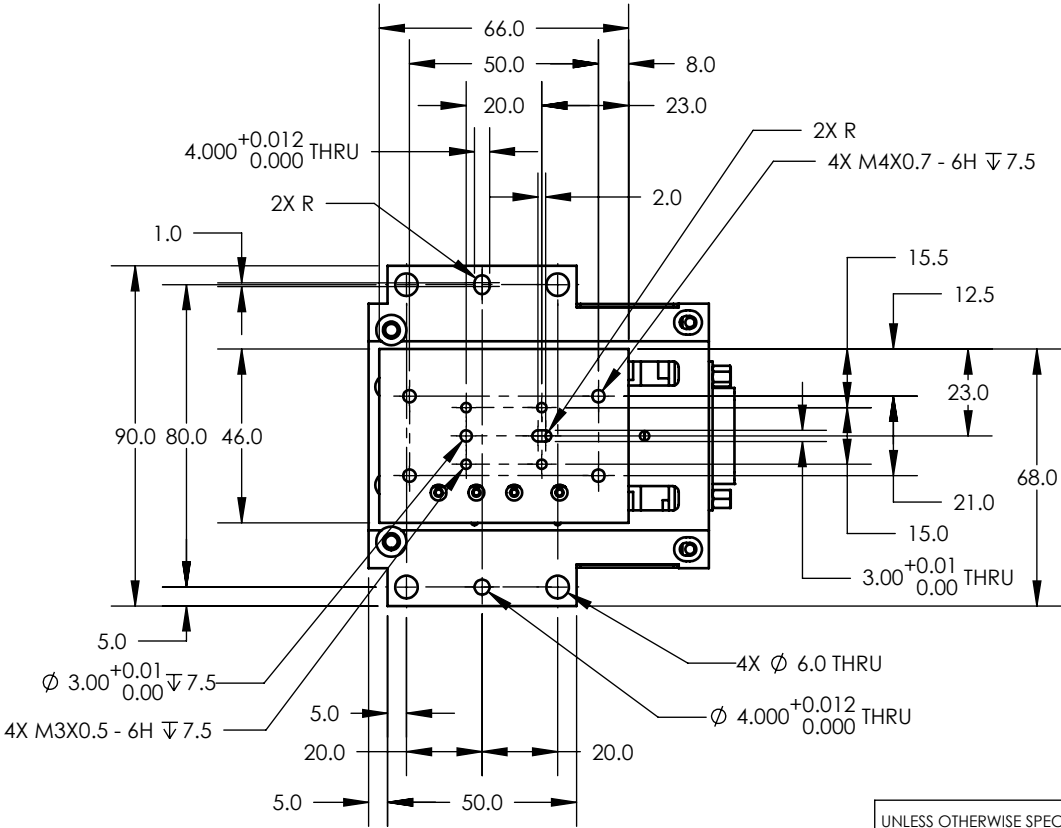
REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
F	6746	CHANGED SLIDER HOLE PATTERN, REDRAWN	5/1/2019	TW

NOTES (UNLESS OTHERWISE SPECIFIED)

1. LINEAR SPECIFICATIONS:
LINEAR STROKE: 15 +1/0 mm
ENC. RESOLUTION(+A/-A;+B/-B): 0.5, 1, 5 um
ENCODER REPEATABILITY: ±4 COUNTS
OPERATING VOLTAGE: 48 VDC
COIL RESISTANCE: 26.5 Ohm @ 22°C
COIL INDUCTANCE: 10.8 mH @ 1 kHz
PEAK FORCE: 84 N @ 1.7 A (48 VDC)
CONTINUOUS FORCE: 33 N @ 0.6 A
FORCE CONSTANT: 53 N/A
MOVING MASS: 0.48 kg
TOTAL MASS: 2.4 kg
2. VACUUM OPTION: N/A
3. SPRING OPTION: AVAILABLE
4. OPERATING TEMPERATURE: 0°C TO 65°C
5. TOLERANCES
X.: ±0.5
X.X: 0.25



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. NUMBER	LAR95-015-1
CONTRACT	STD

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	DATE
DWN BY: TW	5/1/2019
CHK BY: TMV	5/1/2019
ENG APP: TMV	5/1/2019
MFG APP	
QA APP	
PROPRIETARY AND CONFIDENTIAL	
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SMAC		5807 VAN ALLEN WAY CARLSBAD CA, 92008 (760) 929-7588
MOVING COIL ACTUATORS		
TITLE: LINEAR SLIDE		
SIZE: B	PART NO: LAR95-015-7X-1	REV: F
SCALE: 1:2 DO NOT SCALE		SHEET: 1 / 1