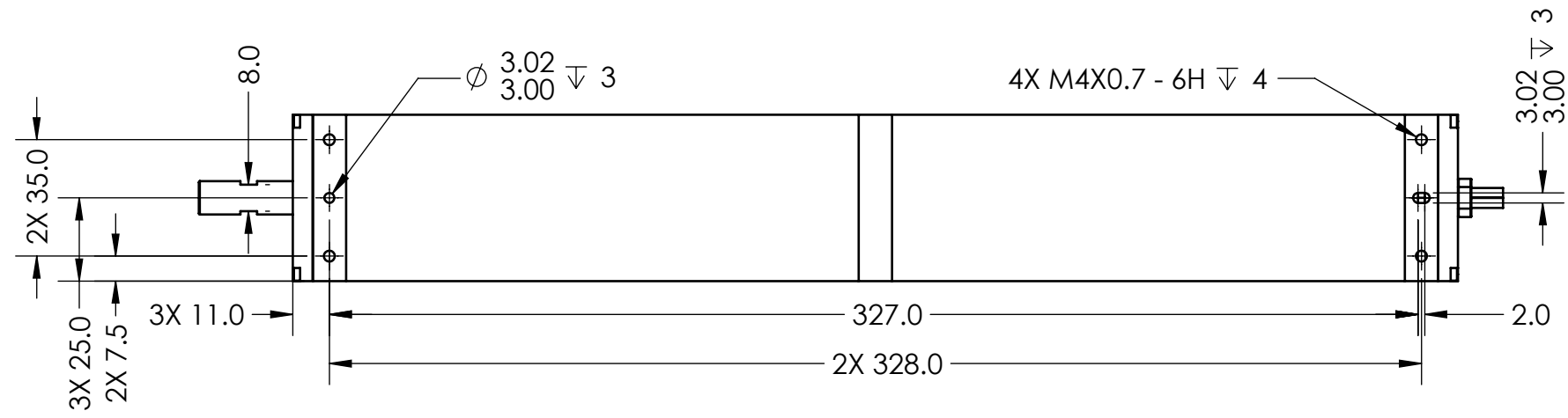
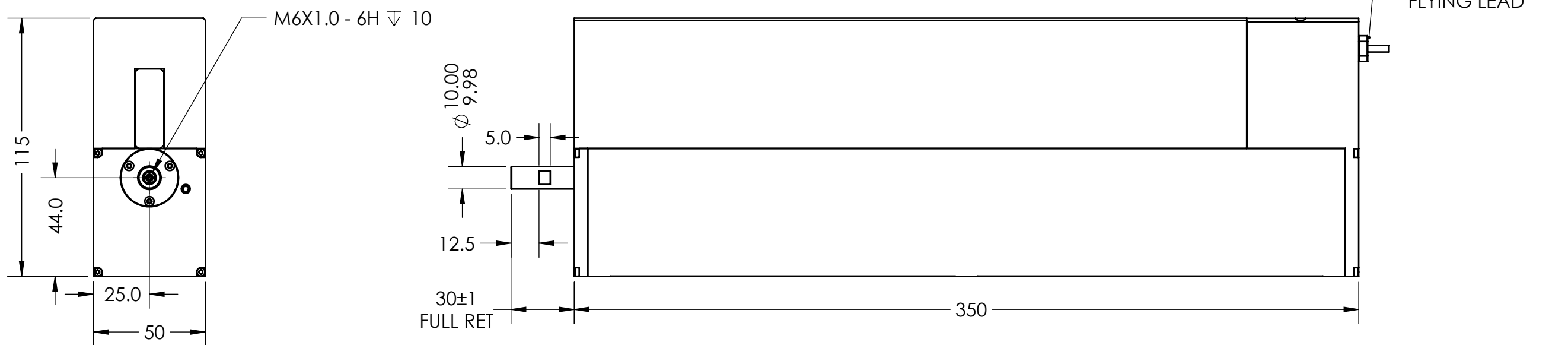


NOTES (UNLESS OTHERWISE SPECIFIED)

- 1. LINEAR SPECIFICATIONS:  
 LINEAR STROKE: 150 mm  
 ENC. RESOLUTION(+A/-A;+B/-B): 5, 1, 0.1 um  
 ENCODER REPEATABILITY: ±4 ENCODER COUNT  
 COIL RESISTANCE: 28 Ohm  
 PEAK FORCE: 90 N @ 1.7A (48Vdc)  
 FORCE CONSTANT: 67 N/A  
 MOVING MASS: 0.825 kg  
 TOTAL MASS: 8.0 kg
- 2. OPERATING TEMPERATURE: 0°C TO 40°C

REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
A		RELEASE	02/27/2014	ORAMAS
B	7541	CORRECTED PEAK FORCE 90N	4/13/2021	DL



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	NC
22	L. COIL (U)
23	L. COIL (V)
24	L. COIL (W)
25	NC
26	NC

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

PIN No	PHOENIX. 6P
1	GND
2	+V
3	MOTOR U (MOTOR+)
4	MOTOR V (MOTOR-)
5	MOTOR W
6	NC

APPROVAL

SIGNATURE NEEDED FOR ORDER APPROVAL  
 SIGN: \_\_\_\_\_ DATE: \_\_\_\_\_  
 APPROVAL NOT RECIEVED WITHIN  
 48 HOURS MAY AFFECT DELIVERY

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	NAME DL	DATE 04/13/21	<b>SMAC</b> MOVING COIL ACTUATORS 5807 VAN ALLEN WAY CARLSBAD CA, 92008 (760) 929-7588
	FINISH: SEE BOM	DWN BY TMV		
	MACHINE FINISH: 1.6	ENG APP		
	INTERPRET PER: ASME Y14.5-2009	MFG APP QA APP		
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SMAC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SMAC IS PROHIBITED.		TITLE: <b>LCA50-150</b>		SIZE: B PART NO: LCA50-150-3X-F SCALE: 1:5 DO NOT SCALE SHEET: 1 / 1

REF. NUMBER	LCA50
CONTRACT	STD