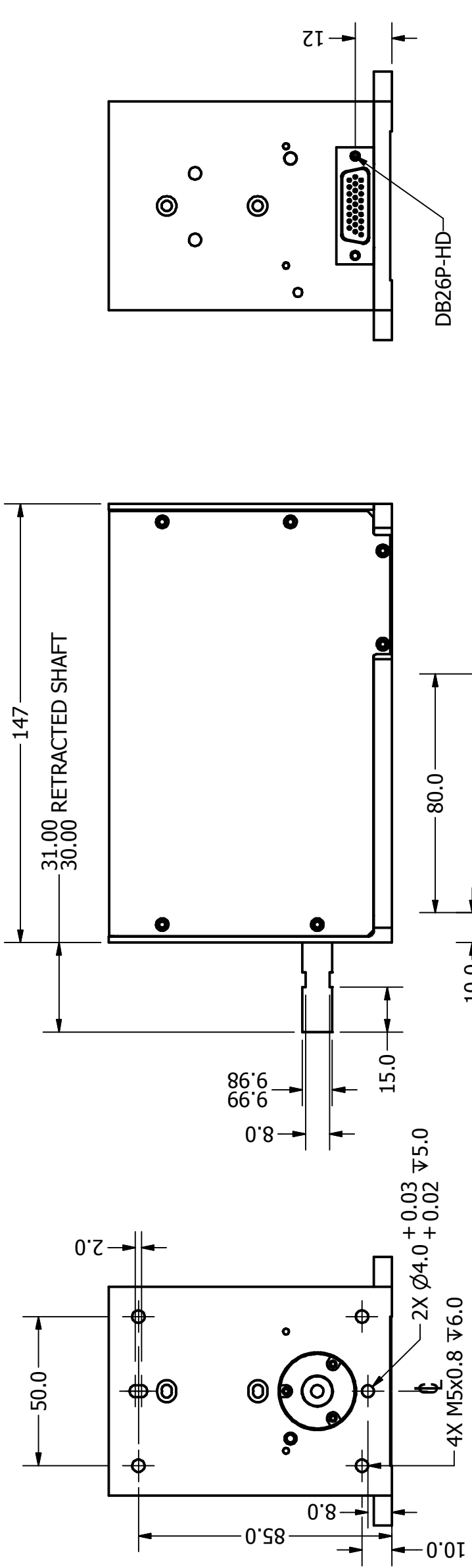


4 3 2 1

LINEAR SPECIFICATIONS:

LINEAR STROKE: 15 +1/-0 mm
 PEAK FORCE: 180 N ± 10 %
 FORCE CONSTANT: 50 N/A (48 Vdc)
 ENCODER RESOLUTION: 5 µm
 ENCODER REPEATABILITY: ± 4 COUNT
 MOVING MASS: 500 grams
 TOTAL MASS: 4 kg
 OPERATING TEMPERATURE: 0°C TO 35°C
 ALL DIMENSIONS ARE IN mm



DB 26P PINOUT

1	(AXIS 1) PH. A+
2	(AXIS 1) PH. B+
3	(AXIS 1) PH. AZ+
4	NC
5	NC
6	I/O RTN
7	(AXIS 2) PH. B+
8	(AXIS 2) PH. A+
9	(AXIS 2) PH. I+
10	(AXIS 1) PH. A-
11	(AXIS 1) PH. B-
12	(AXIS 1) PH. Z-
13	(AXIS 2) PH. LIMIT-
14	NC
15	(AXIS 1) LIMIT -
16	(AXIS 2) PH. B-
17	(AXIS 2) PH. A-
18	(AXIS 2) PH. Z-
19	+5VDC
20	5V RTN
21	(AXIS 1) COIL +
22	(AXIS 1) COIL -
23	(AXIS 1) COIL -
24	(AXIS 1) COIL -
25	(AXIS 2) MOTOR -
26	(AXIS 2) MOTOR +

TOLERANCES ARE: X. ± 0.50 X.X ± 0.1 X.XX ± 0.05 X.XXX ±		MATERIAL: SMAC		REF. NUMBER: LAL95-015-8	
ANGULARITY ± 0.1° CONCENTRIC ± 0.01 ROUNDNESS ± 0.05 EDGE BREAK 0.02 MAX CHAMFER 0.03 MAX		HEAT TREATMENT: DESIGNED BY: KARL STOCKS DRAWN BY: KARL STOCKS PART NAME:		DATE: 10/14/2009 CHECKED BY:	
FILE NAME: _LAL95-015-8_STD.idw		MACHINE FINISH: 3.2		DATE: 10/14/2009 APPROVED BY:	
EXCEPT NOTED PROTECTIVE FINISH: NONE		SCALE: DO NOT SCALE DWG		CONTRACT:	
SPEC. NUMBER:		DWG SIZE: B		SHEET NUMBER: 1 OF 1	
REVISION HISTORY		PART NUMBER: LAL95-015-8		REVISION: A	
REV	DATE	ECN	DESCRIPTION	APPROVED	
A	10/14/2009				

4 3 2 1