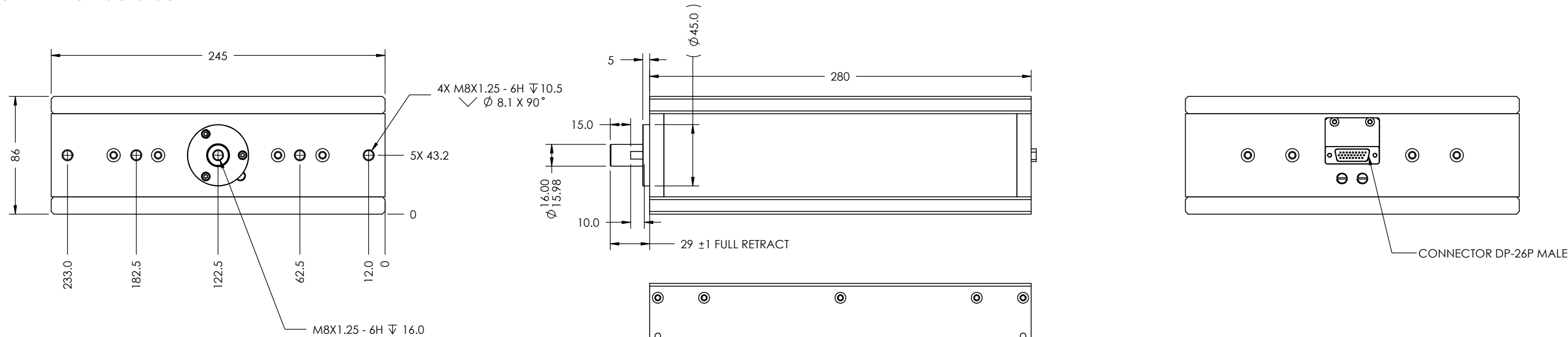


NOTES (UNLESS OTHERWISE SPECIFIED)

- LINEAR SPECIFICATIONS:  
 LINEAR STROKE: 35 +/-0 mm  
 PEAK FORCE: 1000 N @ 48Vdc, 10A  
 OPERATING VOLTAGE: 48Vdc, 10A  
 COIL RESISTENT: 4.8 Ohm  
 COIL INDUCTIANCE: TBD mH  
 FORCE CONSTANT: 100 N/A  
 ENC. RESOLUTION (+A/-A, +B/-B): 5 um  
 ECN. REPEATABILITY: 20 um  
 INDEX LOCATION: (+Z/-Z): 2 mm R.H.S.  
 ENCODER REPEATABILITY: ±20 um  
 MOVING MASS: 5.5 kg  
 TOTAL MASS: 30 kg
- VACUUM OPTION: OPTIONAL
- SPRING OPTION: OPTIONAL
- OPERATING TEMPERATURE: 0°C TO 40°C

REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
A	--	INITIAL RELEASE	2/6/20	CP



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	(AXIS 1) MOTOR +
22	(AXIS 1) MOTOR +
23	(AXIS 1) MOTOR -
24	(AXIS 1) MOTOR -
25	(AXIS 2) MOTOR +
26	(AXIS 2) MOTOR -

REF. NUMBER	LAL600-035
CONTRACT	STD

UNLESS OTHERWISE SPECIFIED  
 ALL DIMENSIONS ARE IN MM  
 BREAK EDGES AND REMOVE BURRS  
 TOLERANCES  
 X: ±0.5    XX: ±0.1  
 XXX: ±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	CP	DATE	1/2/20
FINISH:		DWN BY	CP	1/2/20	
MACHINE FINISH:	1.6	CHK BY	TMV	1/2/20	
INTERPRET PER:	ASME Y14.5-2009	ENG APP	TMV	1/2/20	
		MFG APP			
		QA APP			

**SMAC** 5807 VAN ALLEN WAY  
 CARLSBAD CA, 92008 (760) 929-7588

TITLE: MOVING COIL ACTUATORS

SIZE: B PART NO: LBL600-035-75-6-F REV: A

SCALE: 1:2 DO NOT SCALE SHEET: 1 / 1

THIRD ANGLE PROJECTION