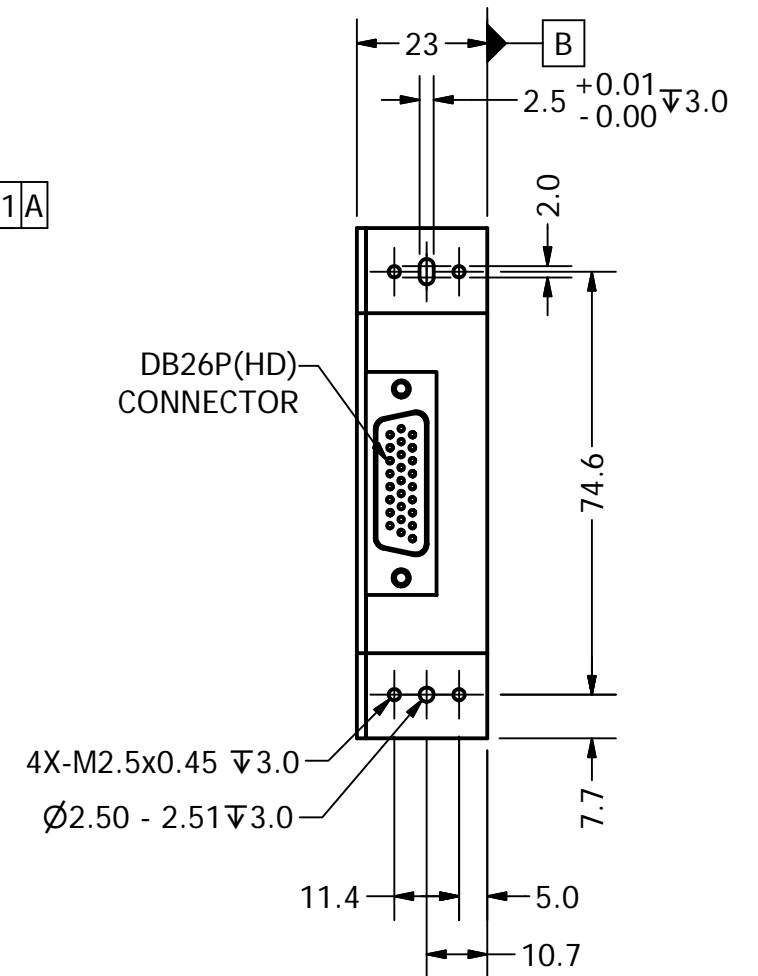
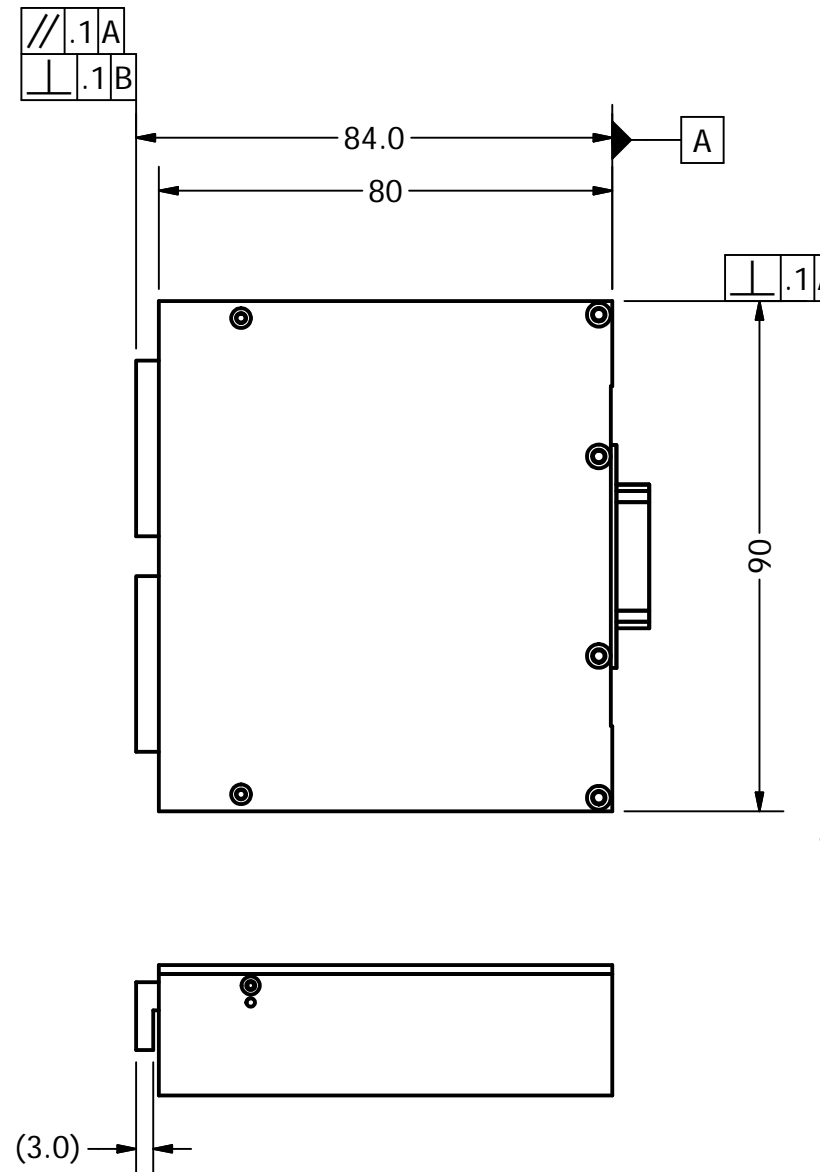
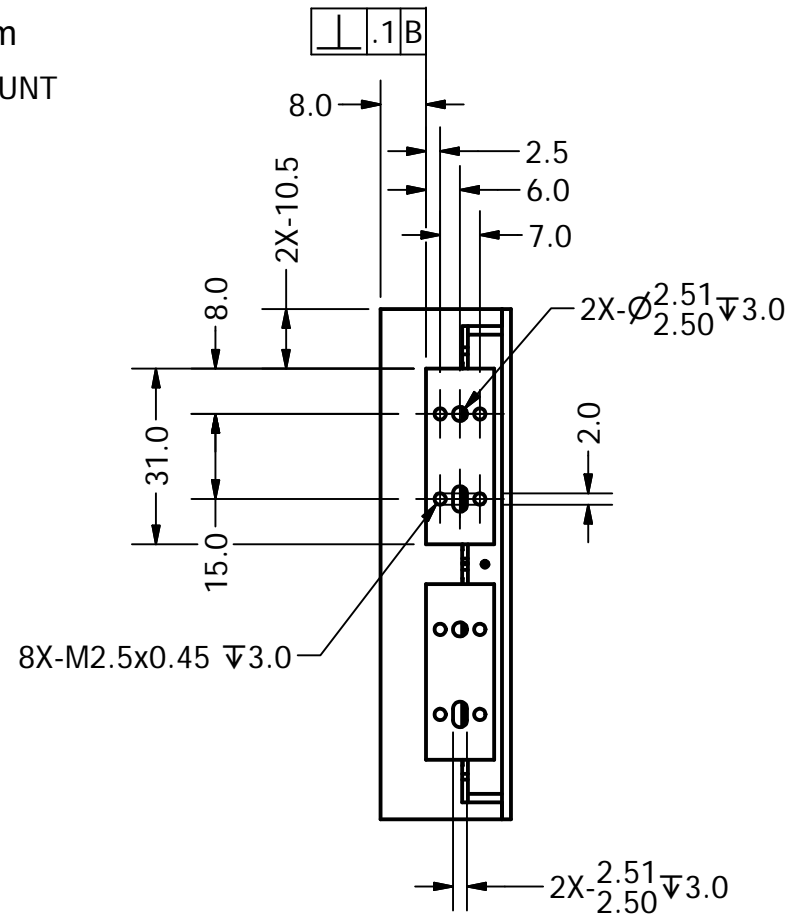


LINEAR SPECIFICATIONS:

LINEAR STROKE: 5 mm/ FINGER
 PEAK FORCE: 8 N @ 1.8A, 24Vdc
 FORCE CONSTANT: 5.5 N/A

COIL DC RESISTANCE: 12.5 ± 3% Ω
 ENCODER RESOLUTION: 1.0, 0.5, 0.1, 0.05 μm
 ENCODER REPEATABILITY: ± 4 ENCODER COUNT
 MOVING MASS: 65 grams
 TOTAL MASS: 0.5 Kg
 OPERATING TEMPERATURE: 0°C TO 65°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 ± ANGULARITY ± 0.1° CONCENTRIC ± 0.01 ROUNDNESS ± 0.05 EDGE BREAK 0.02 MAX CHAMFER 0.03 MAX	MATERIAL:	SMAC			REF. NUMBER		
	HEAT TREATMENT:				DESIGNED BY: toanvu		DATE: 2/8/2008
	FILE NAME: GRP20-010-5_A.idw	MACHINE FINISH: 3.2/	PART NAME: GRP20-010-5			SHEET NUMBER: 1 OF 1	
	SPEC. NUMBER:	PROTECTIVE FINISH: ELECTROLESS NICKEL	SCALE: NONE DO NOT SCALE DWG	DWG SIZE: B	PART NUMBER: GRP20-010-5	REVISION: B	