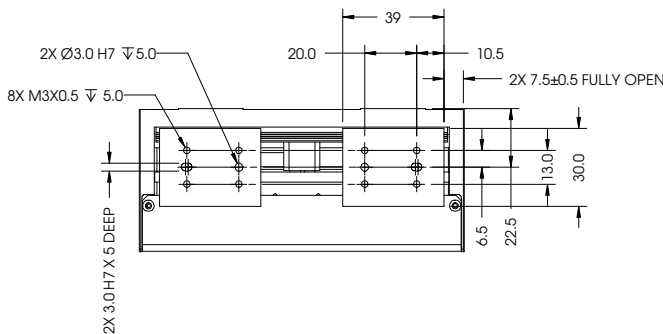
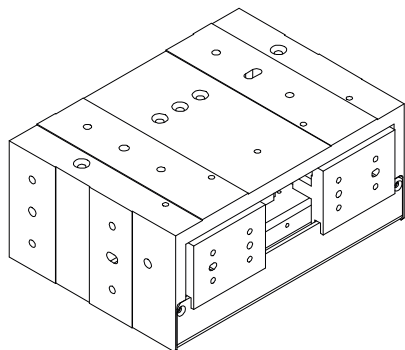
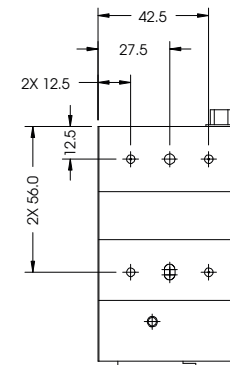
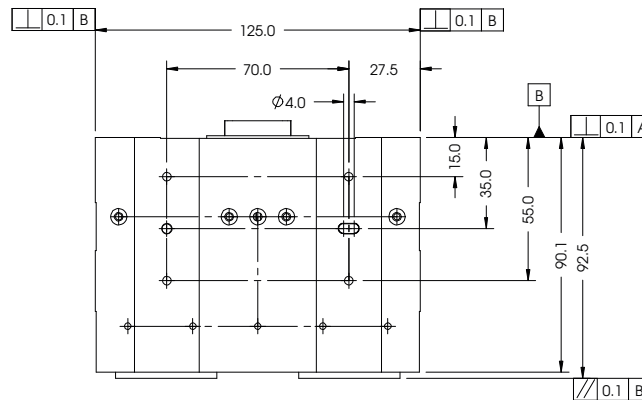
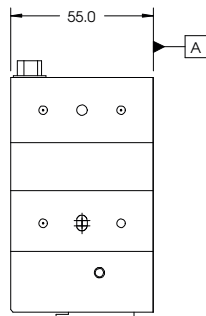
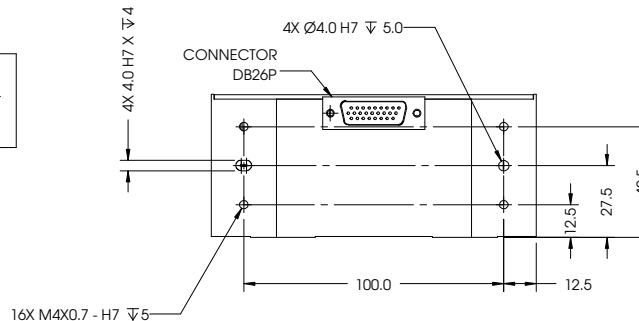


NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS APPLY AFTER PLATING.
- ACTUATOR SPECIFICATIONS**
 LINEAR STROKE: 30 mm (15 mm PER FINGER)
 FORCE CONSTANT: 24 N/A (PER FINGER)
 PEAK FORCE: 45 N (48VDC @ 1.9 AMP/FINGER)
 COIL DC RESISTANCE: 25.5 OHMS @ 22 °C
 COIL INDUCTANCE: TBD mH @ 1KHz
 LINEAR ENCODER RESOLUTION: 0.5, 1.0, 5.0 MICRON-METER
 ENCODER ACCURACY: ±4 COUNTS
 ESTIMATE MOVING MASS: 150 GRAMS/ FINGER
 ESTIMATE TOTAL MASS: 2.1kg
- OPERATING TEMPERATURE: 0°C TO +40°C

SIGNATURE NEEDED FOR ORDER APPROVAL
 SIGN _____ DATE _____
 APPROVAL NOT RECEIVED WITHIN
 48 HOURS MAY AFFECT DELIVERY

REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
A	2603	INITIAL RELEASE	11/21/02	SMH
B	5688	PART NUMBER CHANGE	01/21/2016	SB
C	6182	UPDATE ACTUATOR SPECS	08/31/2017	BJC



PIN No	DB-26P
1	(AXIS 1) PH. A+
2	(AXIS 1) PH. B+
3	(AXIS 1) PH. Z+
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) LIMIT -
14	NC
15	(AXIS 1) LIMIT -
16	(AXIS 2) PH. B-
17	(AXIS 2) PH. A-
18	(AXIS 2) PH. I-
19	+5 VDC
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 +

UNLESS OTHERWISE SPECIFIED		MATERIAL:		NAME		DATE		SMAC		5807 VAN ALLEN WAY	
ALL DIMENSIONS ARE IN MM		OUTLINE DWG		SMH		11/15/02		MOVING COIL ACTUATORS		CARLSBAD, CA, 92008	
BREAK EDGES AND REMOVE BURRS		FINISH:		ENG APP		TMV		MFG APP		(760) 929-7588	
TOLERANCES		MACHINE FINISH:		QA APP				TITLE:			
X: ±0.5 X.X: ±0.1		1/4						GRP50-030-7X-1			
X.XX: ±0.03 ANGLE: ±0.1°		INTERPRET PER:		ASME Y14.5-2009		THIRD ANGLE PROJECTION		PROPERTY AND CONFIDENTIAL			
CONCENTRICITY: ±0.025		REF. NUMBER		GRP50-030-7				SIZE: B		PART NO: GRP50-030-7X-1	
ROUNDNESS: ±0.025		CONTRACT		STD				SCALE: 1:2		DO NOT SCALE	
EDGE BREAKS: 0.2 MAX								SHEET: 1 / 1		REV: C	
ALL DIMENSIONS AND TOLERANCES ARE FINAL.											