

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS APPLY AFTER PLATING.
2. BREAK ALL SHARP EDGES AND REMOVE BURRS.

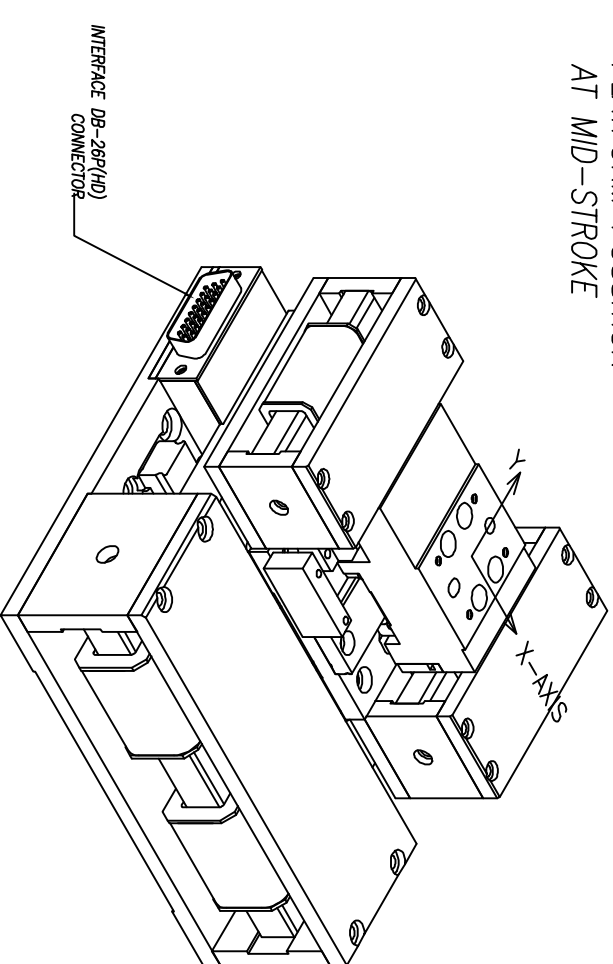
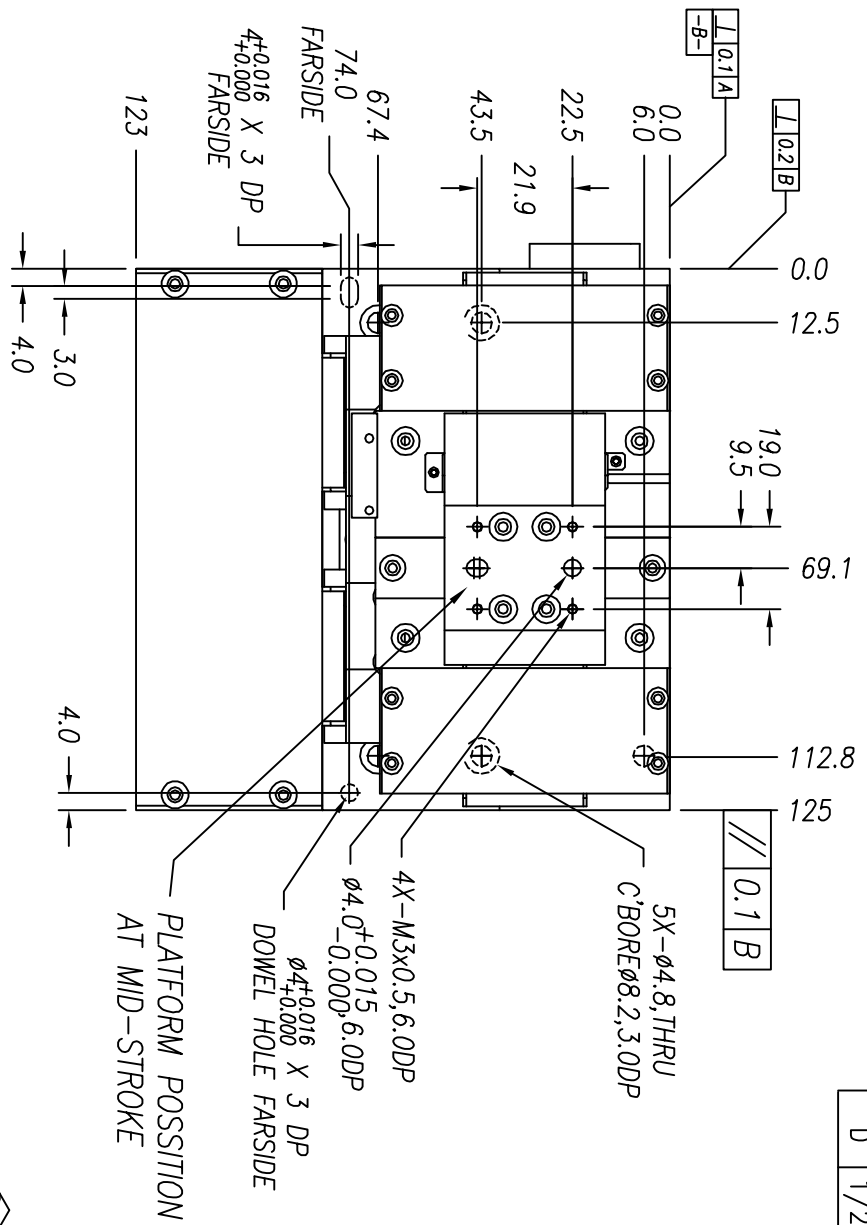
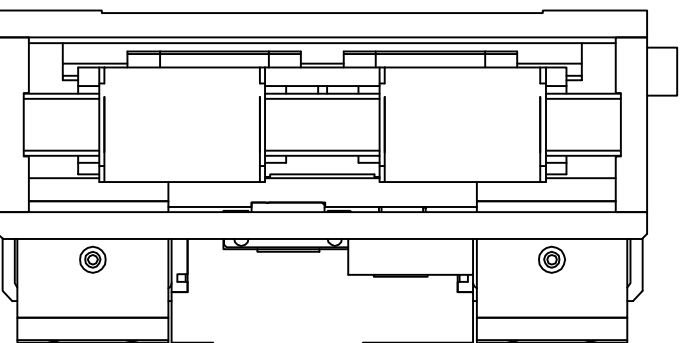
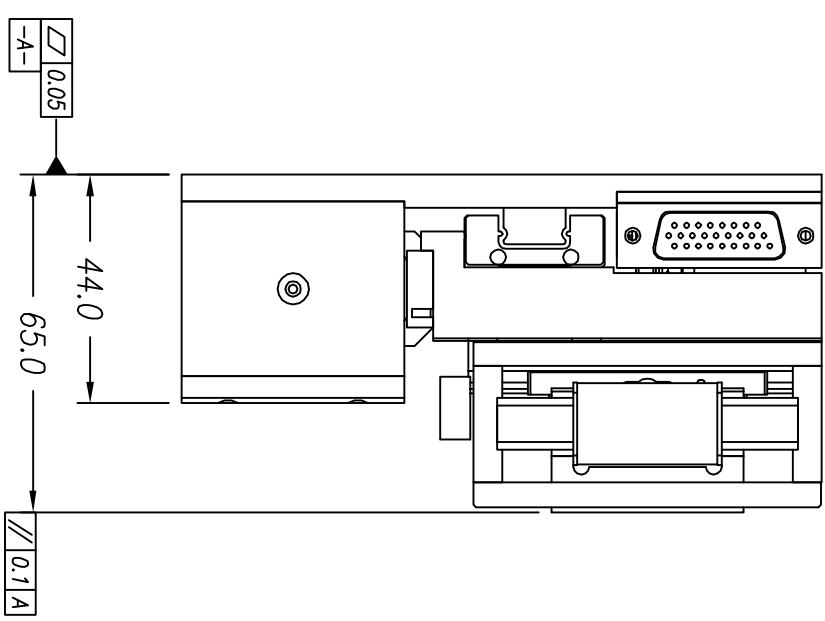
Y-AXIS SPECIFICATIONS:

LINEAR STROKE: 25.0 MM
 FORCE CONSTANT: 1.35 KGf/AMP
 PEAK FORCE: 4.0 KGf @3 AMPS TOTAL(48 VDC)
 MAXIMUM ACCELERATION: 20 G (0 LOAD)
 COIL DC RESISTANCE: 16.0 ±10% OHMS @ 23°C
 ENCODER RESOLUTION: 5 MICRON-METER (NC DIFF)
 ENCODER ACCURACY: ±20 MICRON-METER
 END STROKE LIMIT SW: NO (INDEX : YES)
 MOVING MASS: 190 GRAMS

X-AXIS SPECIFICATIONS:

LINEAR STROKE: 25.0 MM
 FORCE CONSTANT: 3.0 KGf/AMP
 PEAK FORCE: 9.0 KGf @3.0 AMPS TOTAL (48 VDC)
 MAXIMUM ACCELERATION: 6 G (0 LOAD)
 COIL DC RESISTANCE: 16.0 ±10% OHMS @ 23°C
 ENCODER RESOLUTION: 5 MICRON-METER (NC DIFF)
 ENCODER ACCURACY: ±20 MICRON-METER
 END STROKE LIMIT SW: NO (INDEX : YES)
 MOVING MASS: 1500 GRAMS
 TOTAL MASS: 3200 GRAMS

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



REVISIONS				
REV	DATE	ECN	DESCRIPTION	APP
B	10/18/02	2603	INITIAL RELEASE	SMH
C	11/02/04	3376	ADD DOWEL HOLES ON PLATE	JN
D	1/21/16	5688	PART NUMBER CHANGE	SB

DB-26P PINDOUT

1	N/C
2	N/C
3	Axis 1 Limit + Input
4	+5 VDC
5	+5 VDC
6	Axis 2 Encoder phase B-
7	Axis 2 Encoder phase B+
8	Axis 1 Encoder phase A-
9	Axis 1 Encoder phase A+
10	N/C
11	N/C
12	Axis 1 Coil (+)
13	Axis 2 Coil (-)
14	Axis 1 Coil (-)
15	Axis 2 Encoder phase A-
16	Axis 2 Encoder phase A+
17	Axis 1 Encoder phase B-
18	Axis 1 Encoder phase B+
19	Axis 2 Coil (+)
20	Axis 1 Limit-Input
21	Common
22	Common
23	Axis 2 Encoder Index -
24	Axis 2 Encoder Index +
25	Axis 1 Encoder Index -
26	Axis 1 Encoder Index +

<p>TOLERANCES ARE:</p> <table border="0"> <tr><td>X</td><td>±</td><td>0.50</td></tr> <tr><td>XX</td><td>±</td><td>0.1</td></tr> <tr><td>XXX</td><td>±</td><td>0.05</td></tr> <tr><td>X.XXX</td><td>±</td><td>0.1*</td></tr> <tr><td>ANGULARITY</td><td>±</td><td>0.1*</td></tr> <tr><td>CONCENTRIC</td><td>±</td><td>0.01</td></tr> <tr><td>ROUNDNESS</td><td>±</td><td>0.05</td></tr> <tr><td>EDGE BREAK</td><td></td><td>0.2 MAX</td></tr> <tr><td>CHAMFER</td><td></td><td>0.1 MAX</td></tr> </table>		X	±	0.50	XX	±	0.1	XXX	±	0.05	X.XXX	±	0.1*	ANGULARITY	±	0.1*	CONCENTRIC	±	0.01	ROUNDNESS	±	0.05	EDGE BREAK		0.2 MAX	CHAMFER		0.1 MAX	<p>MATERIAL:</p>		<p>REF. NUMBER</p> <p>LXY25-025-8</p>	
X	±	0.50																														
XX	±	0.1																														
XXX	±	0.05																														
X.XXX	±	0.1*																														
ANGULARITY	±	0.1*																														
CONCENTRIC	±	0.01																														
ROUNDNESS	±	0.05																														
EDGE BREAK		0.2 MAX																														
CHAMFER		0.1 MAX																														
<p>HEAT TREAT:</p> <p>RC DEEP</p>		<p>DESIGNED BY:</p> <p>TOAN VU</p>		<p>CHECKED BY:</p>																												
<p>MACHINE FINISH:</p> <p>EXCEPT NOTED.</p> <p>✓</p>		<p>DRAWN BY:</p> <p>S. HOONYMAN</p>		<p>DATE:</p> <p>7/24/01</p>																												
<p>PROTECTIVE FINISH</p>		<p>PART NAME:</p> <p>LXY25-025-7X-2</p> <p>OUTLINE</p>		<p>DATE:</p>																												
<p>FILE NAME:</p> <p>LXY02-2525-53</p>		<p>SPEC. NUMBER:</p>		<p>SCALE:</p> <p>NONE</p>																												
<p>DWG SIZE:</p> <p>B</p>		<p>PART NUMBER:</p> <p>LXY25-025-7X-2</p>		<p>REVISION:</p> <p>1 OF 1</p>																												
<p>CONTRACT:</p> <p>STD</p>		<p>SHEET NUMBER:</p> <p>1 OF 1</p>		<p>DATE:</p>																												