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DWG NO.

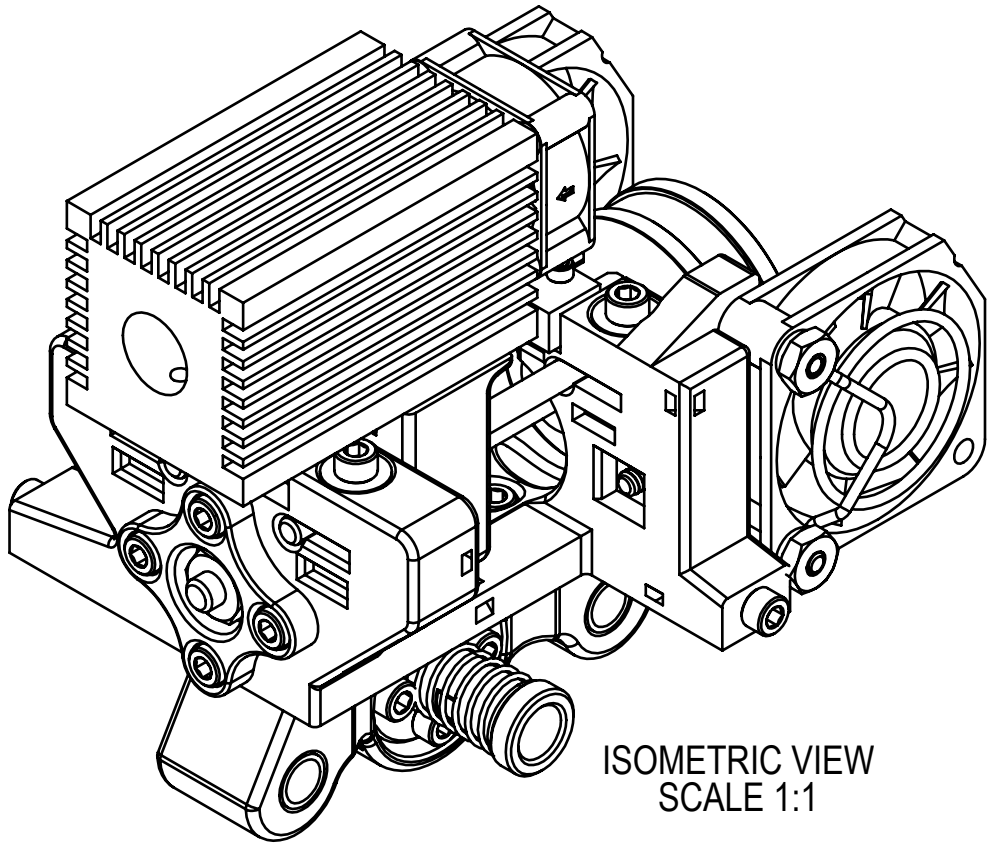
LCSA-3

REV

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REVISIONS				
REV	DESCRIPTION			DATE



29	2	19N602	MICRO-SWITCH, 5A, PLUNGER, SILVER QUICK-CONNECT TM SEALED, 20MM X 10MM X 6.5MM
28	1	5.6MMTO18AC	HOUSING, TO-18, 5.6MM DIODE, ALUMINUM, WITH FAN
27	2	19155K91	GRILL, FAN, 40MM, METAL WIRE, MODIFIED
26	2	AD0412HB-G70	DC COOLING FAN, 1.57" SQUARE X .39" DEPTH, 3 CFM, 12 VDC
25	1	2510S	DC COOLING FAN, .98" SQUARE X .38" DEPTH, 1 CFM, 12 VDC
24	1	14HR05-0504S	STEPPER MOTOR, BIPOLAR, 400 STEPS/REV, 12.5MM, 0.5A, 7NCM (10 OZ.IN), THIN
23	1	WXZC000198-2	HELICAL SHAFT COUPLING, CLAMP SET SCREW, 4MM X 5MM DIAMETER SHAFTS, 5/8" LONG
22	1	R1810-2Z	BALL BEARING, DOUBLE SHIELDED, 5 MM SHAFT, 16 MM OD
21	2	6659K65	BEARING, SINTERED, 4MM ID, 7MM OD, .6MM LONG, FLANGED
20	2	1688K3	BEARING, SINTERED, .25 ID, .375 OD, .5 LONG
19	2	6112K34-2.5	LINEAR MOTION SHAFT, 4 MM DIAMETER, 200 MM LONG, MODIFIED TO 2.5"
18	1	90322A641	THREADED ROD, ZINC PLATED, 10-32 THREAD, 2" LONG
17	4	90126A509	WASHER, ZINC PLATED, 0.375" X 0.156", FOR #6 SCREW
16	1	T8-AB	NUT, ANTI-BACKLASH, T8, 4 START
15	2	90480A195	NUT, HEX, ZINC-PLATED, 10-32 THREAD
14	8	90480A007	NUT, HEX, ZINC-PLATED, 6-32 THREAD
13	2	94855A283	NUT, SQUARE, ZINC-PLATED, 10-32 THREAD
12	14	94855A201	NUT, SQUARE, ZINC-PLATED, 6-32 THREAD
11	4	94855A279	NUT, SQUARE, ZINC-PLATED, 2-56 THREAD
10	3	91292A113	SCREW, SOCKET HEAD, STAINLESS, M3 X 0.5 MM THREAD, 10 MM LONG
9	2	92196A236	SCREW, SOCKET HEAD, STAINLESS, 6-32 THREAD, 1-3/8" LONG
8	2	92196A153	SCREW, SOCKET HEAD, STAINLESS, 6-32 THREAD, 1" LONG
7	14	92196A150	SCREW, SOCKET HEAD, STAINLESS, 6-32 THREAD, 5/8" LONG
6	4	92196A145	SCREW, SOCKET HEAD, STAINLESS, 6-32 THREAD, 5/16" LONG
5	4	92185A081	SCREW, SOCKET HEAD, STAINLESS, 2-56 THREAD, 7/16" LONG
4	1	LCSAP-304	X AXIS CARRIAGE
3	1	LCSAP-303	Z AXIS BEARING KEEPER
2	1	LCSAP-302	Z AXIS CLEVIS
1	1	LCSAP-301	Z AXIS CARRIAGE
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION

NOTES: UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING

		UNLESS OTHERWISE SPECIFIED	
		.XX	.XXX
		± .03	± .010
		ANGLE	
		± 0.5 °	
NEXT ASSY	FINAL ASSY	MACHINED SURFACE FINISHES 125 ✓	
APPLICATION		MACHINED FILLET RADII .015-.030	
MATERIAL		REMOVE BURRS AND BREAK SHARP EDGES	
SEE BILL OF MATERIALS		DIMENSION LIMITS HELD AFTER PLATING	
		FINISH	
		N/A	

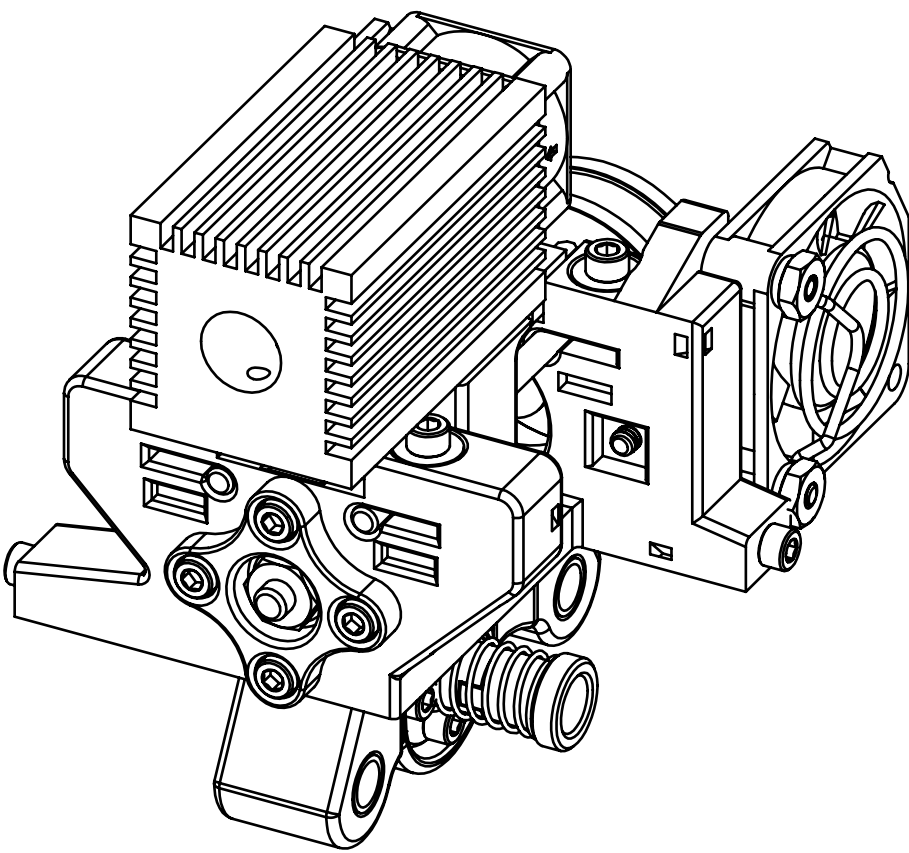
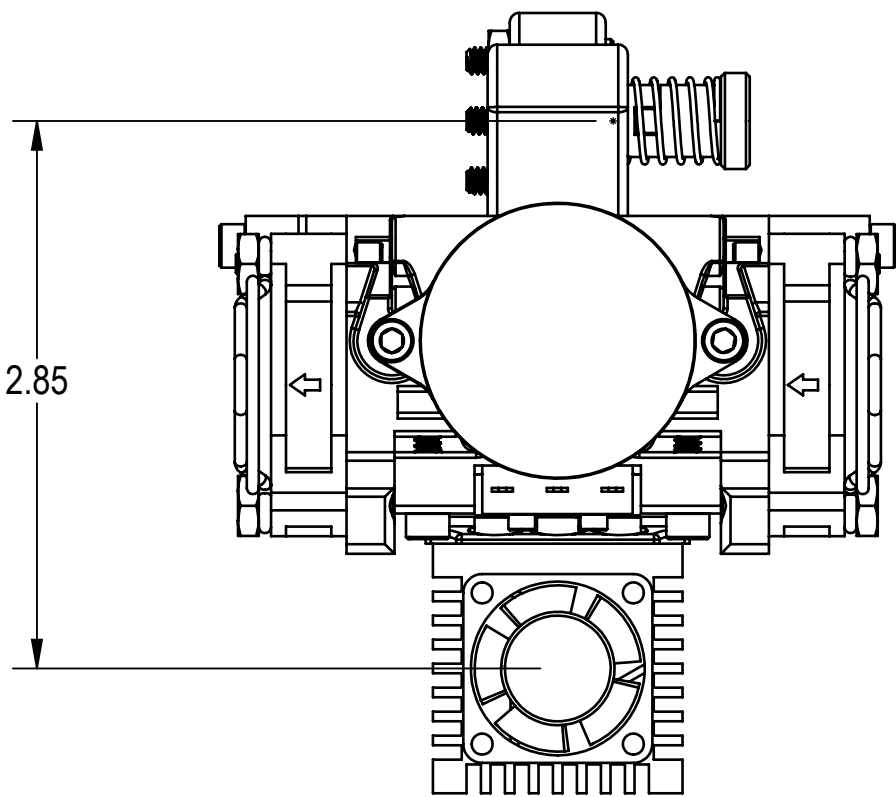
SCALE 1:1		SIZE C	DATE
DRAWN: MAVB		03/22/17	
CHECKED:			
REVIEWED:			
APPROVED: MAVB		30/22/17	
WEIGHT:			

DWG TITLE		DWG NO.	
X AXIS CARRIAGE, LASER CUTTER SUB ASSEMBLY		LCSA-3	
		SHEET 1 OF 2	REV 0
		FILENAME LCSA-3.SLDDRW	

DWG NO.		LCSA-3	
SHEET 1 OF 2		REV 0	
FILENAME LCSA-3.SLDDRW			

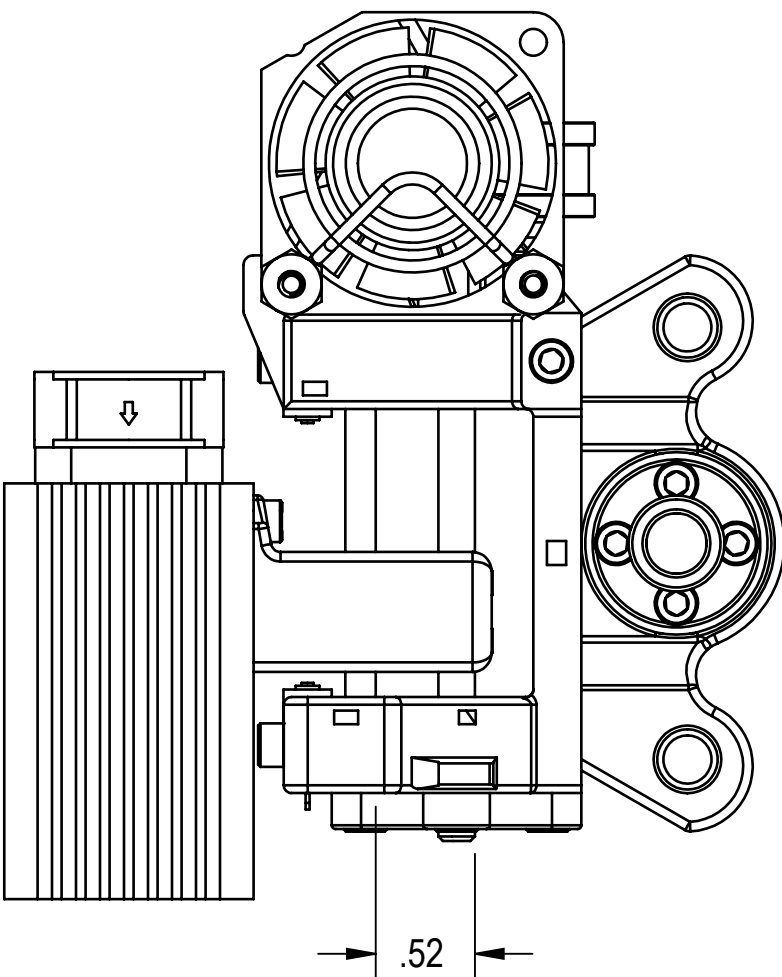
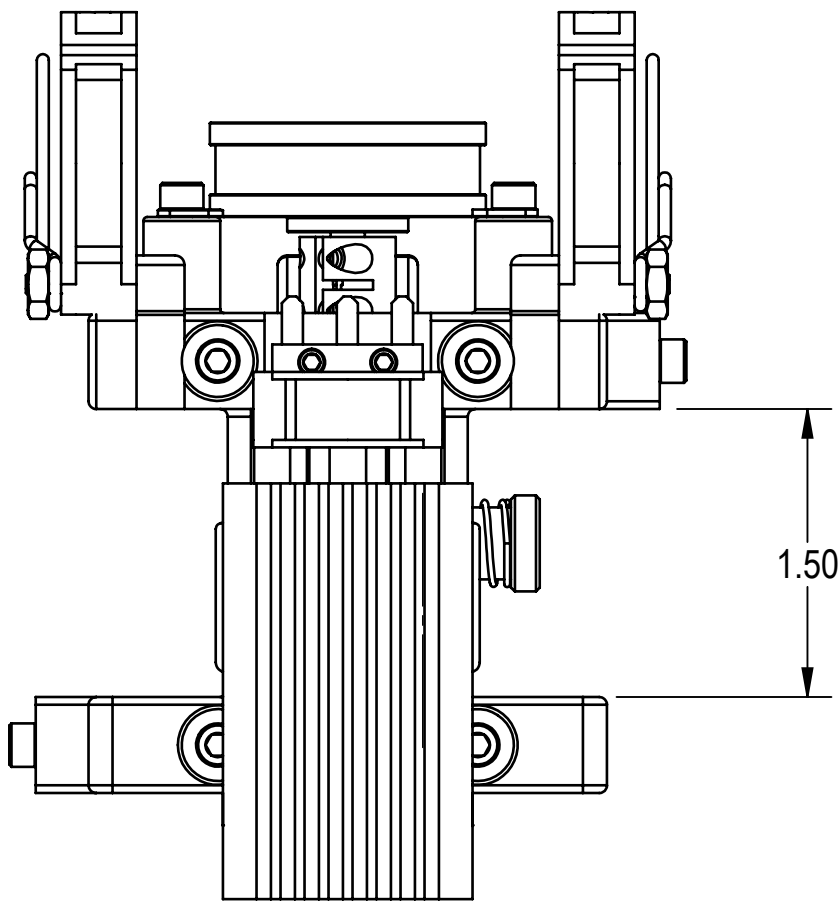
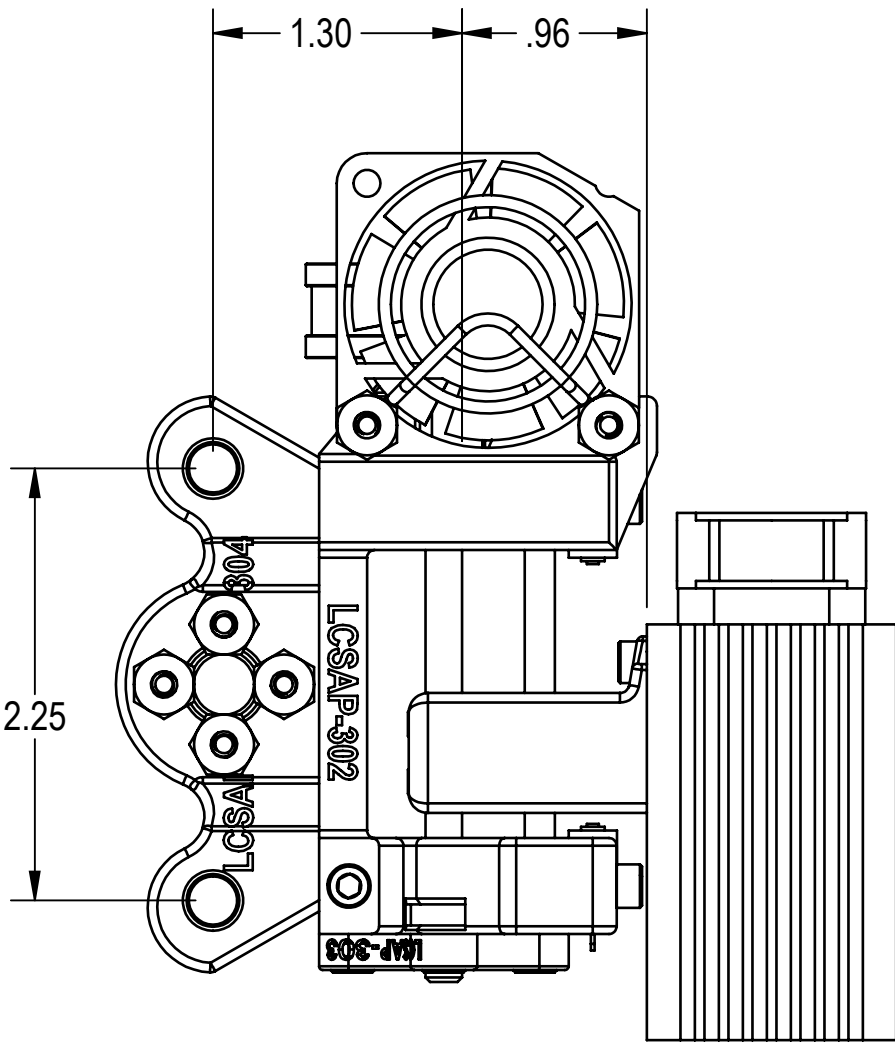
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TRIMETRIC VIEW
SCALE 1:1

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DWG NO.

LCSA-3

REV.

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SEE SHEET 1 FOR ALL NOTES, REVISIONS AND TOLERANCES

SIZE C

DWG NO.
LCSA-3

X AXIS CARRIAGE, LASER CUTTER SUB ASSEMBLY

SHEET 2 OF 2
FILENAME
LCSA-3.SLDDRW

REV

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