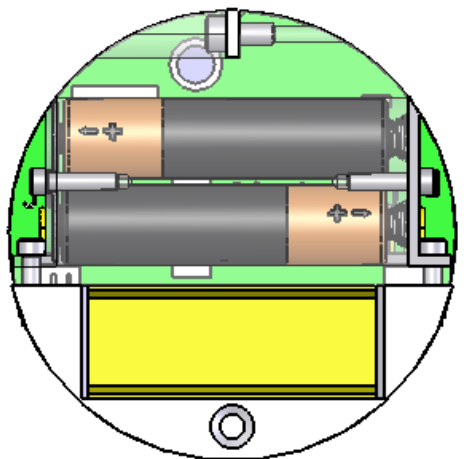
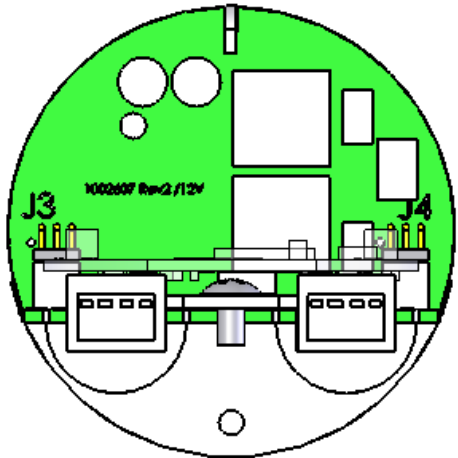
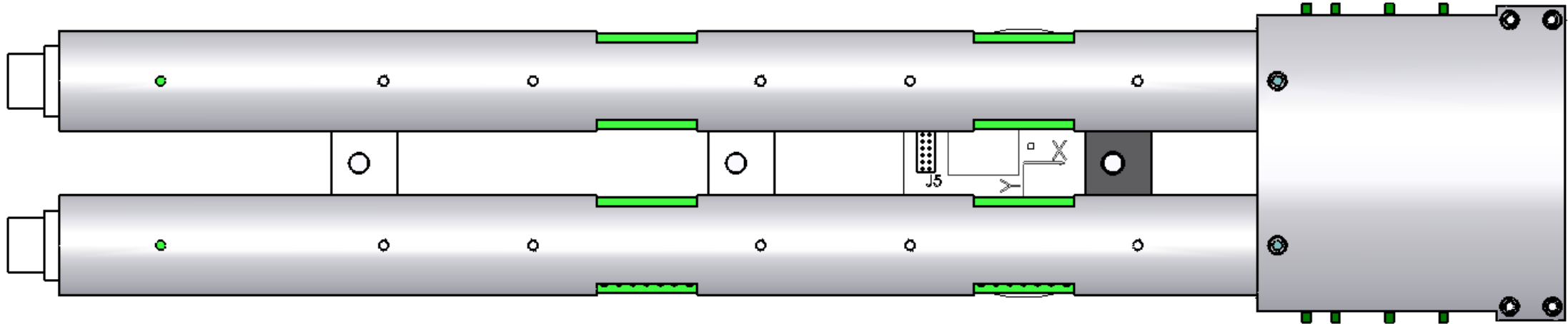
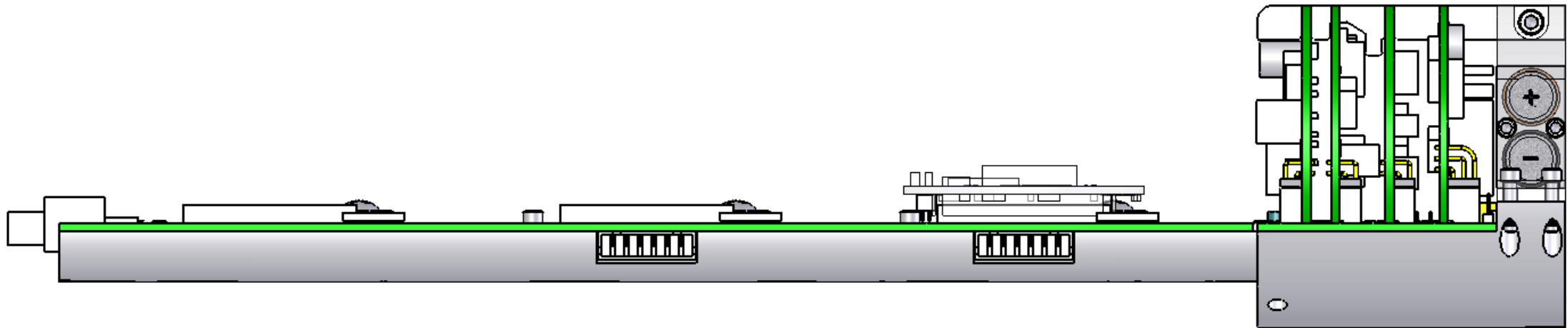
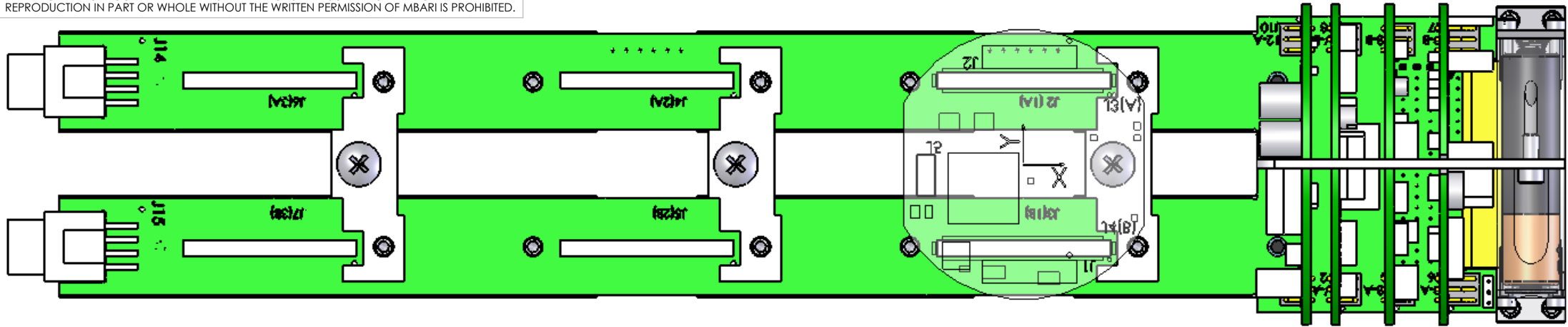
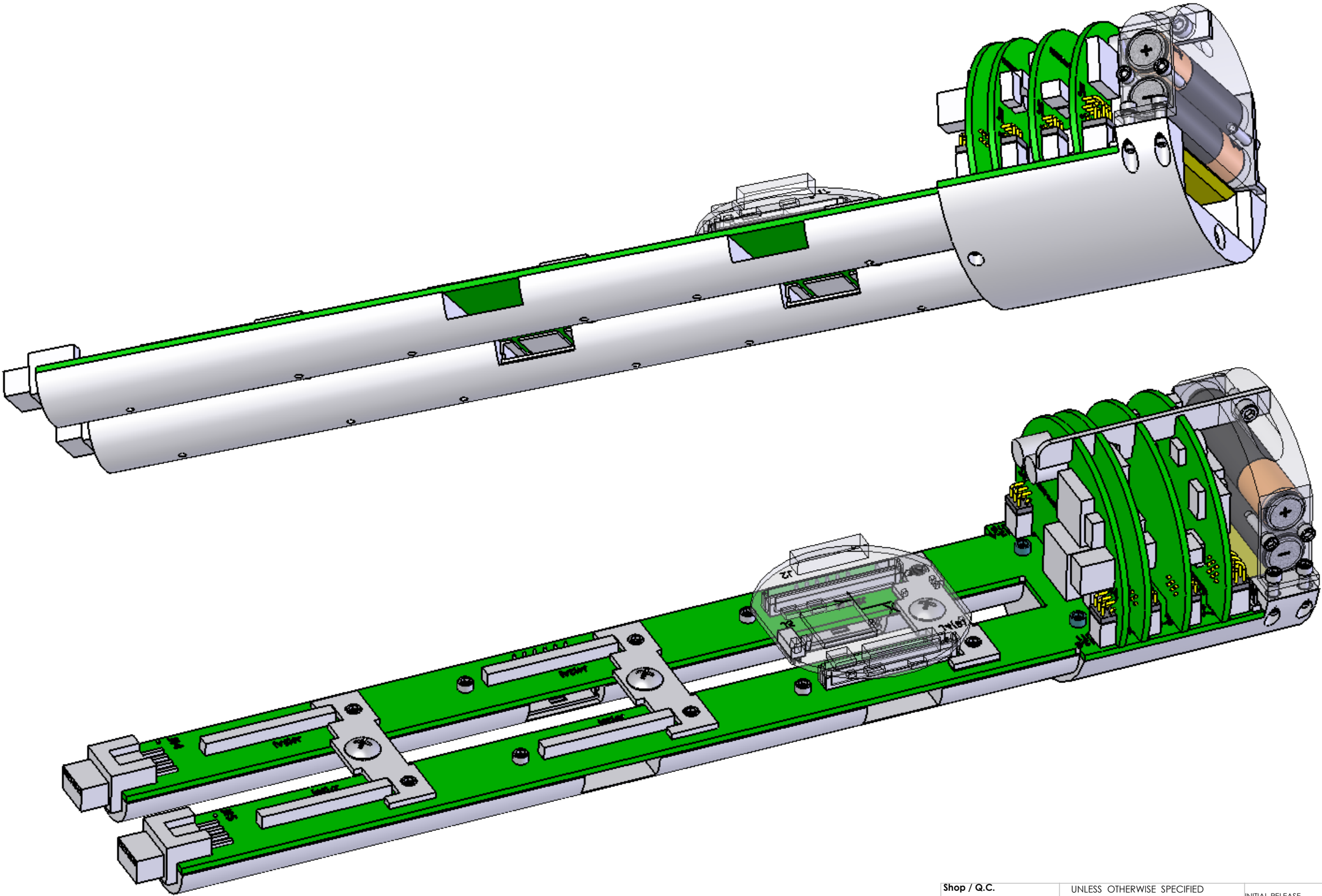


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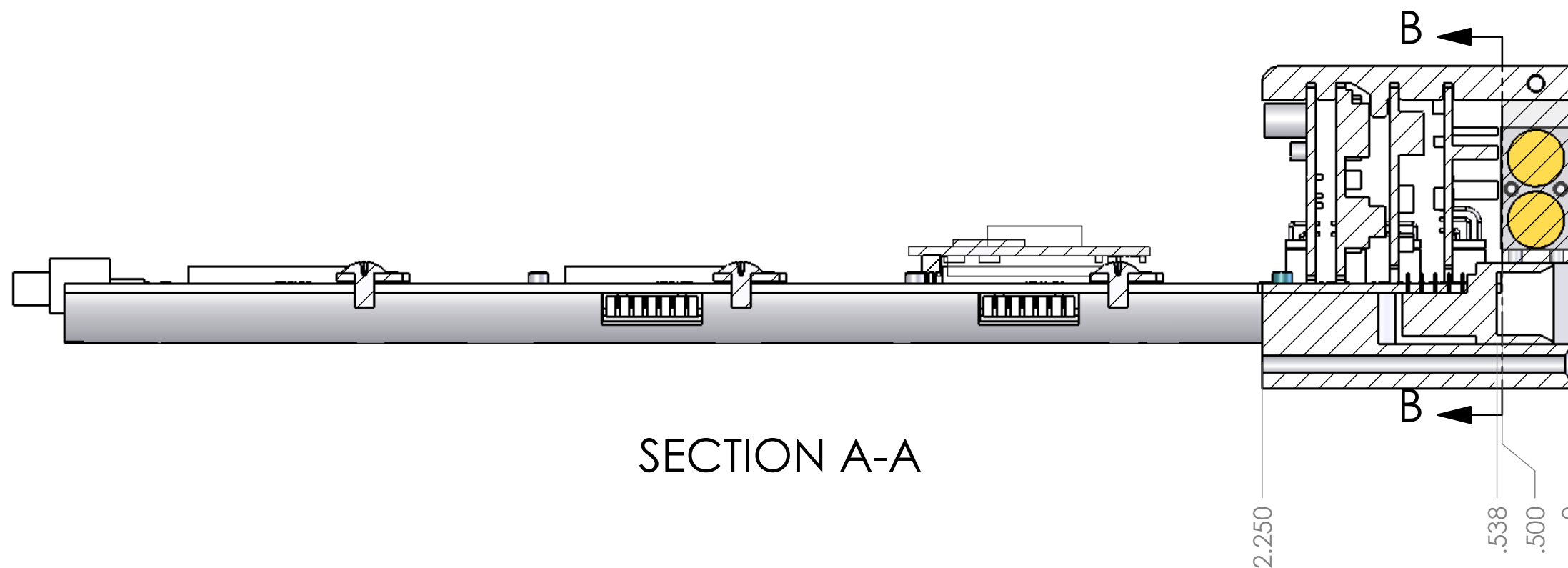
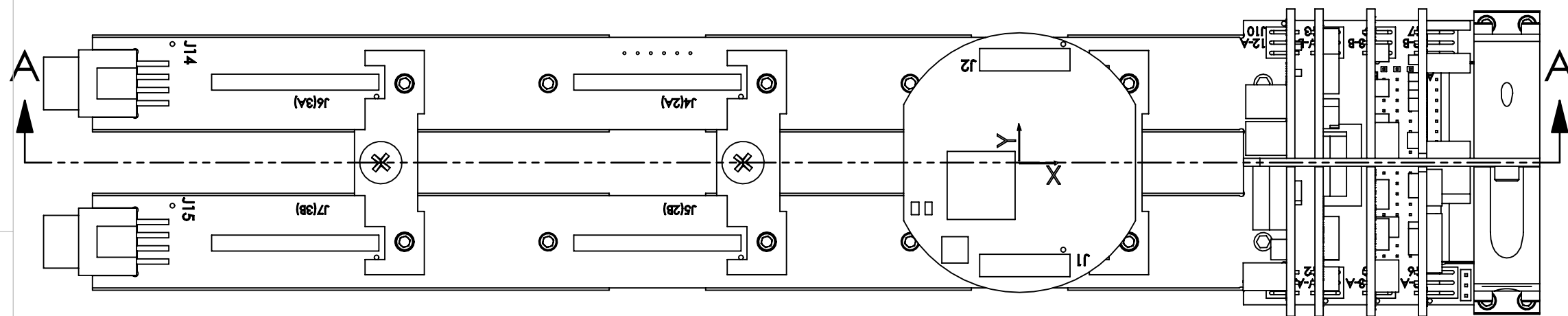
Shop / Q.C.	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	INITIAL RELEASE (rev 1)	DATE xx	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
Inspector	1 PLACE DIM $\pm 1/16$ 2 PLACE DIM $\pm .02$ 3 PLACE DIM $\pm .005$ ANGLES $\pm 1^\circ$	DRAWN Klimov	11/16/2007			
Shop Foreman	1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030.	ENGINEER Klimov	xx/xx/xxxx	DRAWING NAME and MODEL FILE NAME 1002892-AS3 - Finger_Board_Assembly		
Engineer	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.	CHECKED				
NEXT ASSY		PROJECT NO. 900392		SIZE B	DWG. NO. 1002892-AS3	REV. XX
Application	DO NOT SCALE DRAWING	PROJECT BIOSA		SCALE 1:1	WEIGHT	SHEET 1 OF 4

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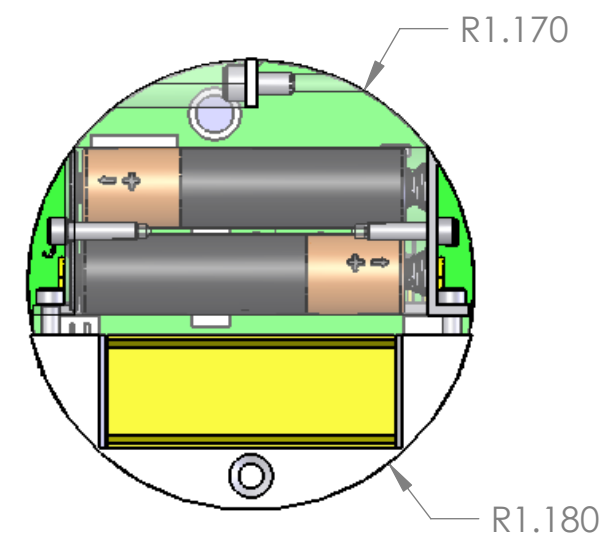


Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		INITIAL RELEASE	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$		
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030.				DRAWN Klimov	xx
Engineer		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER Klimov	xx/xx/xxxx
NEXT ASSY						CHECKED	
Application		DO NOT SCALE DRAWING				PROJECT NO. 900392	
				PROJECT BIOSEA		SIZE B	DWG. NO. 1002892-AS3
						SCALE 1:1	WEIGHT
							REV. ref
							SHEET 2 OF 4

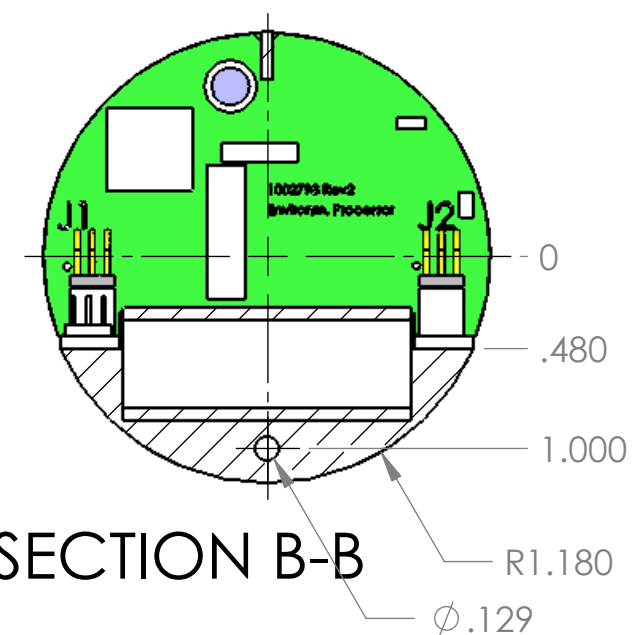
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.



SECTION A-A

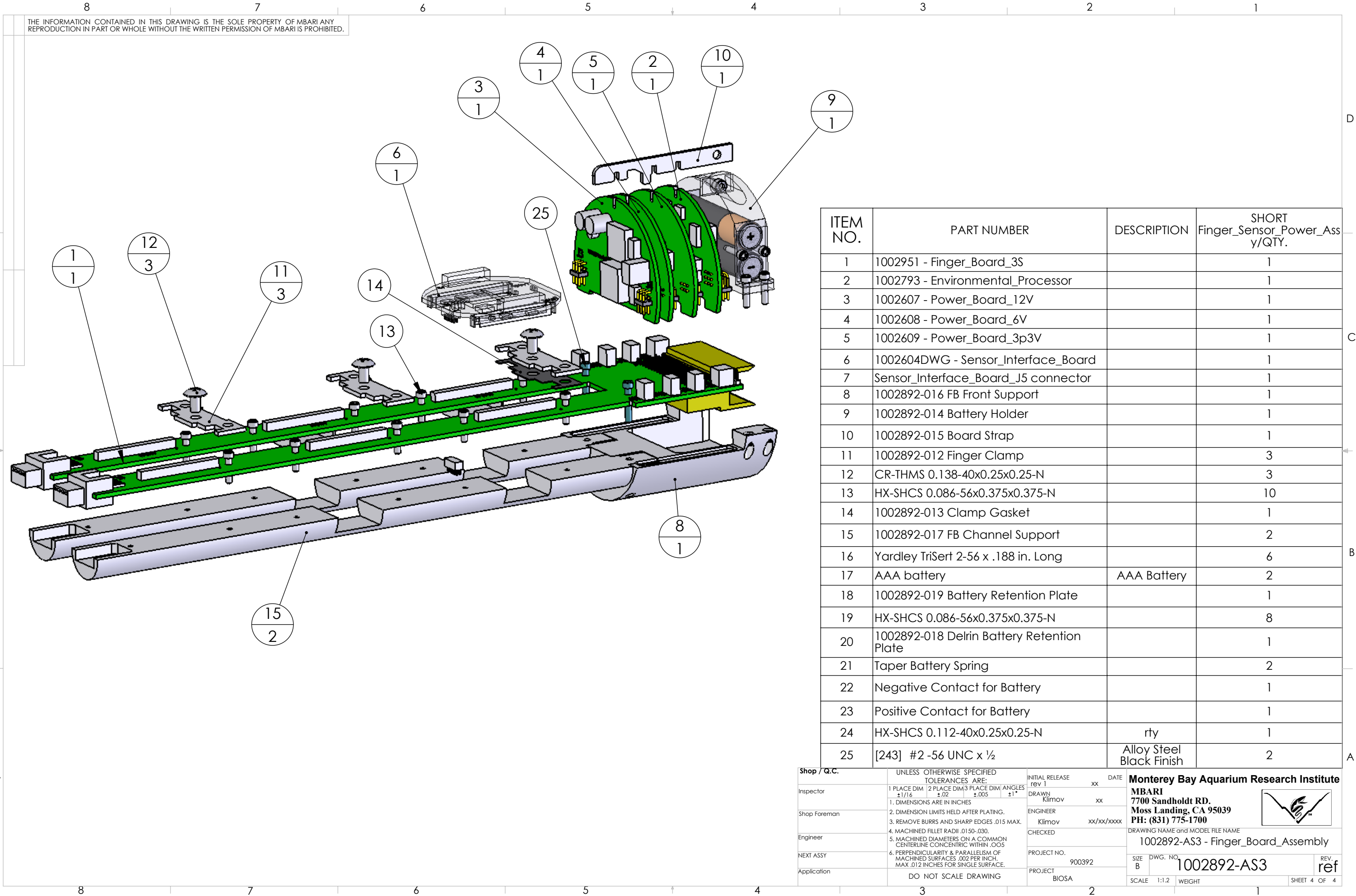


cross-section at the edge
of the board



SECTION B-B

Shop / Q.C.	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	INITIAL RELEASE rev 1	xx	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Inspector	1 PLACE DIM ±1/16 2 PLACE DIM ±.02 3 PLACE DIM ±.005 ANGLES ±1°	DRAWN Klimov	xx		DRAWING NAME and MODEL FILE NAME 1002892-AS3 - Finger_Board_Assembly	
Shop Foreman	1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030.	ENGINEER Klimov	xx/xx/xxxx			
Engineer	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.	CHECKED				
NEXT ASSY		PROJECT NO.	900392			
Application	DO NOT SCALE DRAWING	PROJECT BIOASA			SIZE B DWG. NO. 1002892-AS3 SCALE 1:1 WEIGHT SHEET 3 OF 4	REV. 1



ITEM NO.	PART NUMBER	DESCRIPTION	SHORT Finger_Sensor_Power_Assy/QTY.
1	1002951 - Finger_Board_3S		1
2	1002793 - Environmental_Processor		1
3	1002607 - Power_Board_12V		1
4	1002608 - Power_Board_6V		1
5	1002609 - Power_Board_3p3V		1
6	1002604DWG - Sensor_Interface_Board		1
7	Sensor_Interface_Board_J5 connector		1
8	1002892-016 FB Front Support		1
9	1002892-014 Battery Holder		1
10	1002892-015 Board Strap		1
11	1002892-012 Finger Clamp		3
12	CR-THMS 0.138-40x0.25x0.25-N		3
13	HX-SHCS 0.086-56x0.375x0.375-N		10
14	1002892-013 Clamp Gasket		1
15	1002892-017 FB Channel Support		2
16	Yardley TriSert 2-56 x .188 in. Long		6
17	AAA battery	AAA Battery	2
18	1002892-019 Battery Retention Plate		1
19	HX-SHCS 0.086-56x0.375x0.375-N		8
20	1002892-018 Delrin Battery Retention Plate		1
21	Taper Battery Spring		2
22	Negative Contact for Battery		1
23	Positive Contact for Battery		1
24	HX-SHCS 0.112-40x0.25x0.25-N	rty	1
25	[243] #2 -56 UNC x 1/2	Alloy Steel Black Finish	2

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		INITIAL RELEASE	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	rev 1	xx		
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Klimov	xx	DRAWING NAME and MODEL FILE NAME 1002892-AS3 - Finger_Board_Assembly	
Engineer		1. DIMENSIONS ARE IN INCHES		ENGINEER Klimov	xx/xx/xxxx		
NEXT ASSY		2. DIMENSION LIMITS HELD AFTER PLATING.		CHECKED		SIZE B	DWG. NO. 1002892-AS3
Application		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		PROJECT NO. 900392		SCALE 1:1.2	REV. ref
		4. MACHINED FILLET RADII .0150-.030.		PROJECT BIOSA		WEIGHT	SHEET 4 OF 4
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005.					
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.					
		DO NOT SCALE DRAWING					