

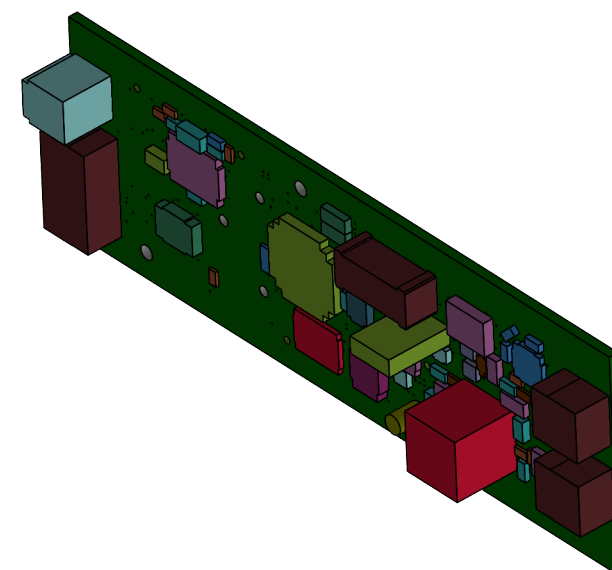
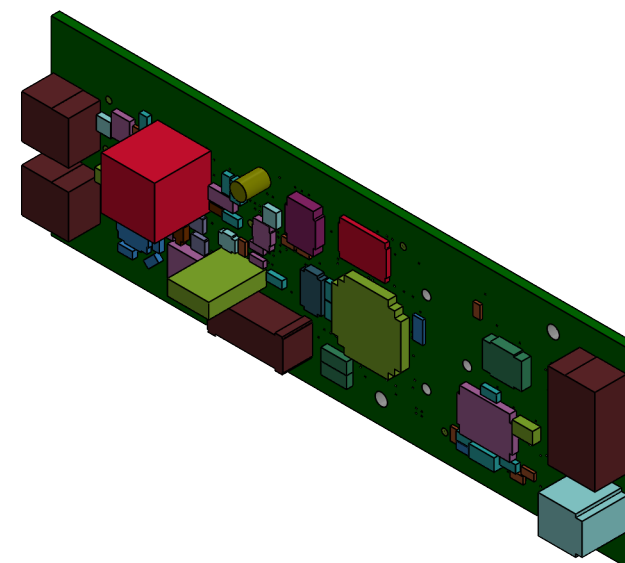
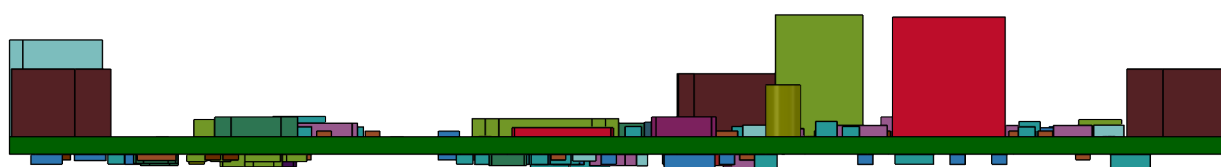
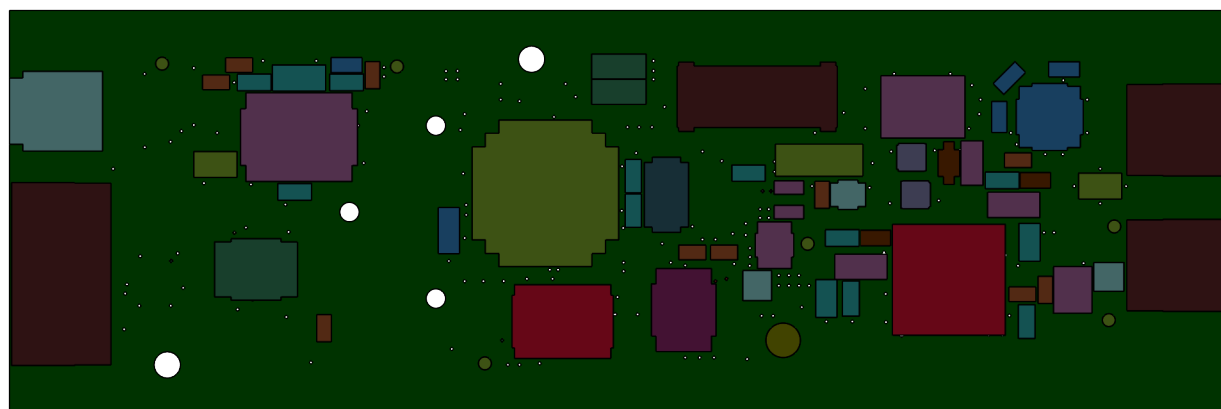
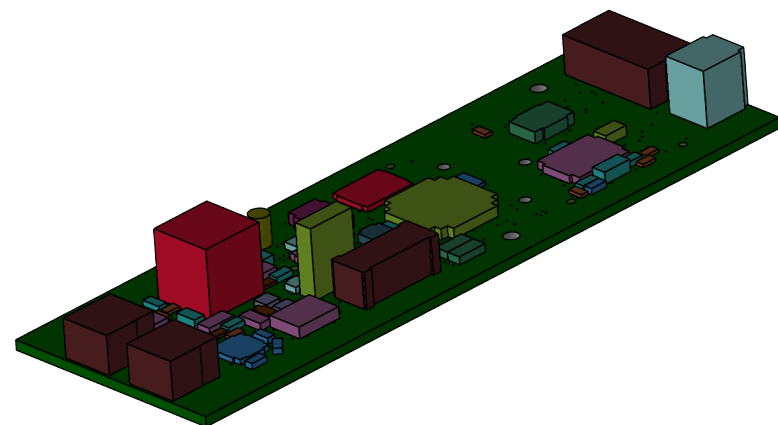
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REVISIONS

INITIAL RELEASE

	X/XX/01
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J.E.



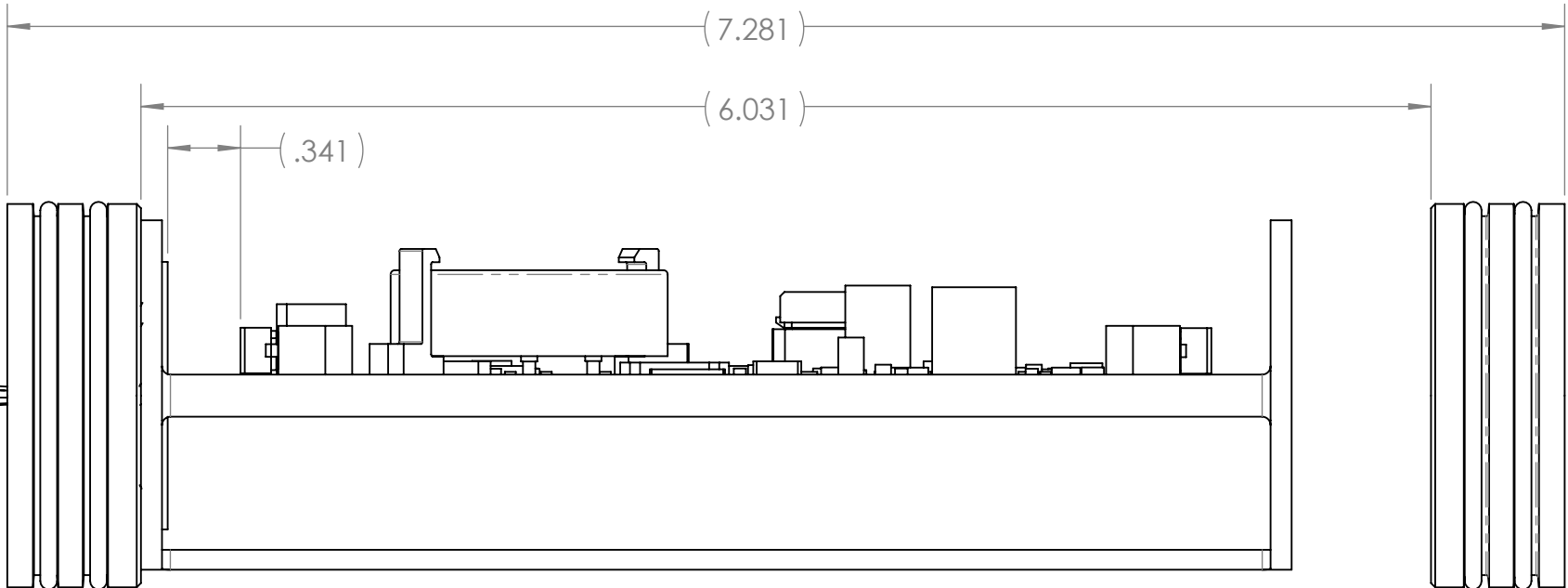
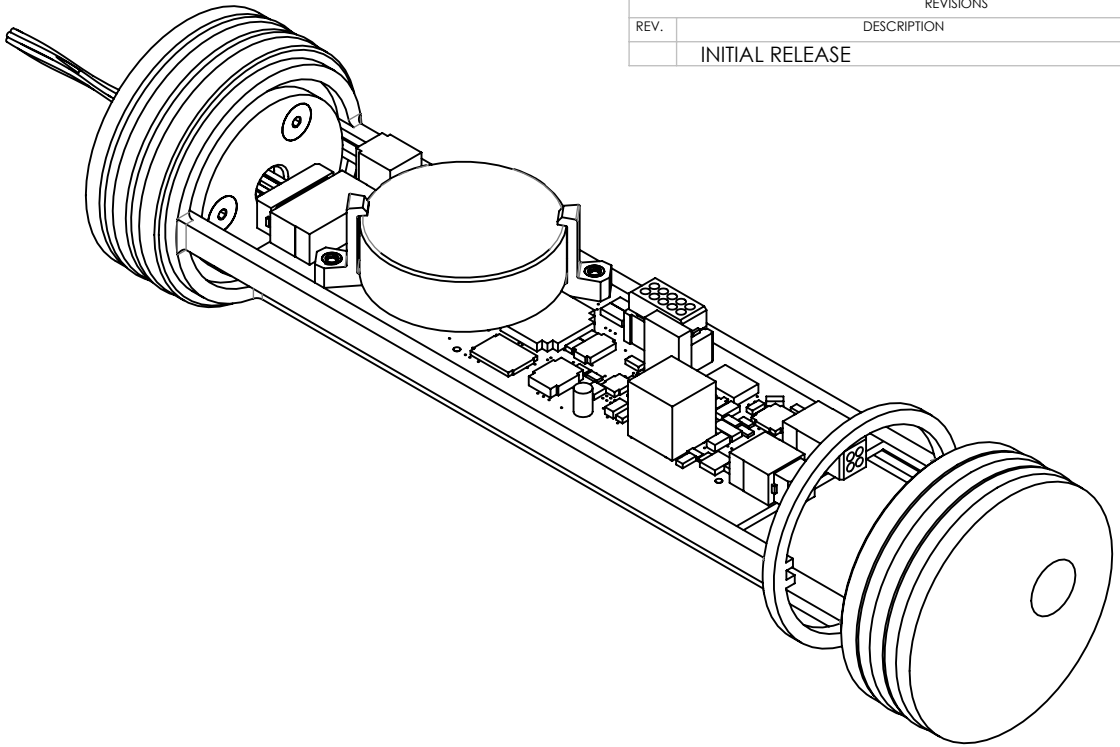
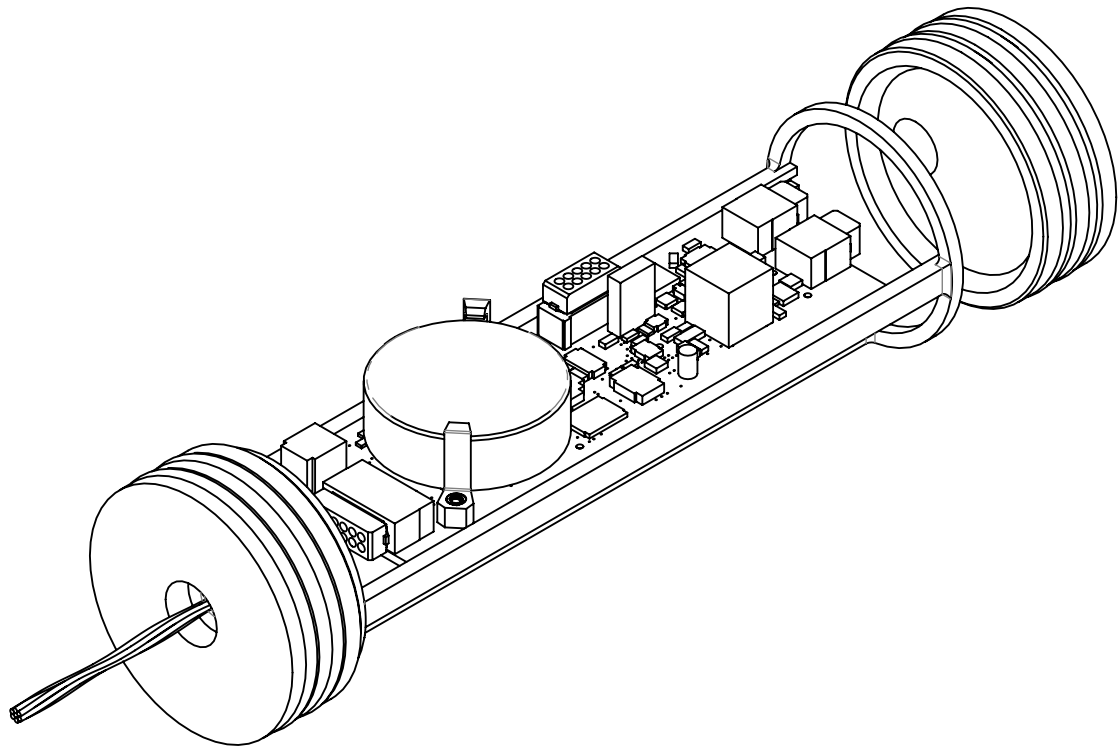
7. PROJECT LIBRARYX:\901805_Coastal_Biogeochemical_Sensing\
Project.Drawings\Project.ME.Dwgs\Interior

NOTES: (CONT. FROM TITLE BLOCK)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		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°
Shop Foreman		1. DIMENSIONS ARE IN INCHES			
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.			
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.			
		4. MACHINED FILLET RADIII .0150-.030.			
NEXT ASSY Description	NEXT ASSY Number	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.			
Application		DO NOT SCALE DRAWING		APPROVALS DATE DRAWN J. ERICKSON ENGINEER J. ERICKSON CHECKED PROJECT NO. 901805 PROJECT ZZZZZZZZ WEIGHT	
				SIZE B DWG. NO. 100221643rB_072023-0840.DWG SCALE 1:2 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF	
				PROJECT NAME nanoFET Board REV.	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

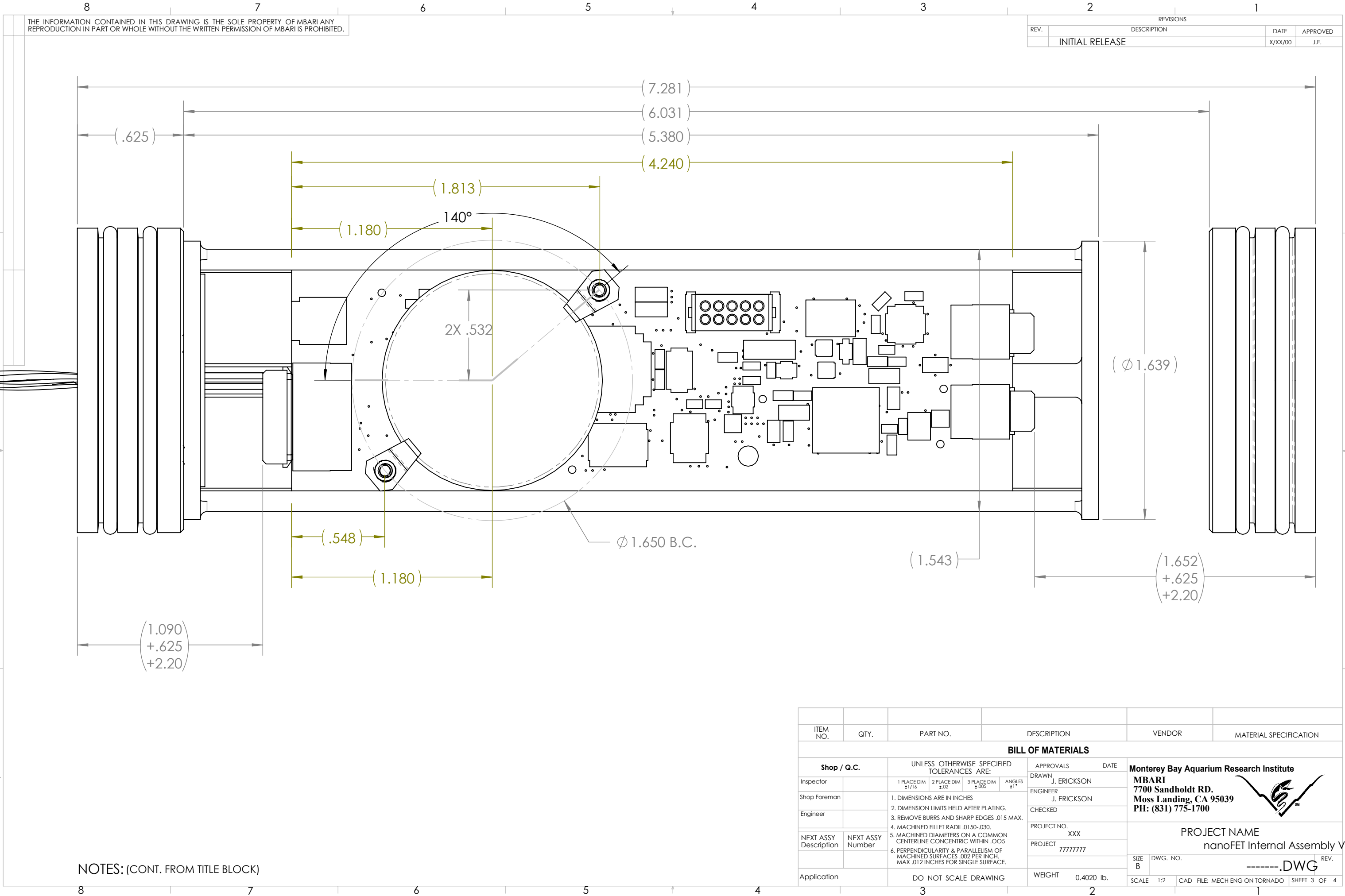


18	3	0503-2-15	MilMax_0503-2-15		0.0000	MilMax	
17	2	91772A076	#2-56 x 3/16_18-8 S.S. Pan Head Phillips Screw			McMaster-Carr Supply Company	18-8 Stainless Steel
16	1	TL-5135	Tadian TL-5135		0.0474		
15	2	99362A800	#2-56 Brass Tapping Inserts for Plastic		0.00	McMaster-Carr Supply Company	Brass
14	2	P-221931-23	Snap Hook Part		0.0004	MBARI	Material <not specified>
13	4		O-RING				NITRILE
12	3	90585A200	#4-40 UNC-2A x 1/4L Flt Sckt Hd Cap			McMaster-Carr	AISI 316
11	1	P-221860-23	PaveTech Retaining Plate		0.0071	MBARI	POM Delrin Homopolymer
10	1	#2-026-70-N	O-RING				BUNA - N
9	1	P-221858-23	GDF PaveTech Plug		0.0033	MBARI	PEEK
8	1	??????	GDF pH Sensor		0.1555		Material <not specified>
7	1	P-221800-22	nanmoFET 1000m Rear End Cap_V2		0.0654	MBARI	POM Delrin (Black)
6	1	P-221791-23	nanoFET1000m Front End Cap V3		0.0722	MBARI	POM Delrin (Black)
5	1	P-221932-23	nanoFET Board Chassis		0.0149	MBARI	
4	1	m80-1031298	12 Pin Conn		0.0008		
3	1	m80-1031098	10 Conn		0.0007		
2	2	m80-1030498	4 Conn		0.0004		
1	1	100221643rB_072023-0840	nanoFET Board				
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Weight	Vendor	MATERIAL

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute			
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	J. ERICKSON		MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700				
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. 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	J. ERICKSON						
Engineer						CHECKED							
						PROJECT NO.	XXX						
NEXT ASSY Description	NEXT ASSY Number					PROJECT	ZZZZZZZZ		PROJECT NAME InternalAssem_V3				
Application		DO NOT SCALE DRAWING				WEIGHT	0.4020 lb.		SIZE B	DWG. NO.		-----DWG	REV.
						SCALE	1:2	CAD FILE: MECH ENG ON TORNADO		SHEET 2 OF 4			

NOTES: (CONT. FROM TITLE BLOCK)



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

(Ø 1.639)

Ø 1.650 B.C.

(1.652
+.625
+2.20)

(1.090
+.625
+2.20)

NOTES: (CONT. FROM TITLE BLOCK)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	DRAWN J. ERICKSON	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700
Shop Foreman		1. DIMENSIONS ARE IN INCHES	3 PLACE DIM ±.005	ENGINEER J. ERICKSON	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.	ANGLES ±1°	CHECKED	
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.		PROJECT NO. XXX	
Application		4. MACHINED FILLET RADII .0150-.030.		PROJECT ZZZZZZZZ	PROJECT NAME nanoFET Internal Assembly V1
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		WEIGHT 0.4020 lb.	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		SCALE 1:2	SIZE B DWG. NO. -----DWG
				CAD FILE: MECH ENG ON TORNADO	REV. SHEET 3 OF 4

