

8

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

NOTES: (CONT. FROM TITLE BLOCK)

7	1	CSX-750FBC16000000T	???????		-----	
6	1	PIOC18F26K20-I-ML	???????		-----	
5	1	IS61WV1024BLL-10MLI	???????		-----	
4	1	5M570ZM100I5N	???????		-----	
3	1	TEMS-110-02-04-0-FG-D-A	10 Pin Header		SamTec	
2	1	SEMS-105-02-03-o-FG-D	5 Socket Plug		SamTec	
1	1	P-202xxx-19	Spectrometer Digital Circuit Board 1		MBARI	FR4 Fiberglass Epoxy Laminate Sheet
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL

Shop / Q.C.

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

APPROVALS DATE

Inspector

Shop Foreman

Engineer

NEXT ASSY Description

NEXT ASSY Number

Application

1 PLACE DIM ±1/16

2 PLACE DIM ±.02

3 PLACE DIM ±.005

ANGLES ±1°

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.

DO NOT SCALE DRAWING

DRAWN J. ERICKSON

ENGINEER J. ERICKSON

CHECKED

PROJECT NO. 901217

PROJECT CHEM S.

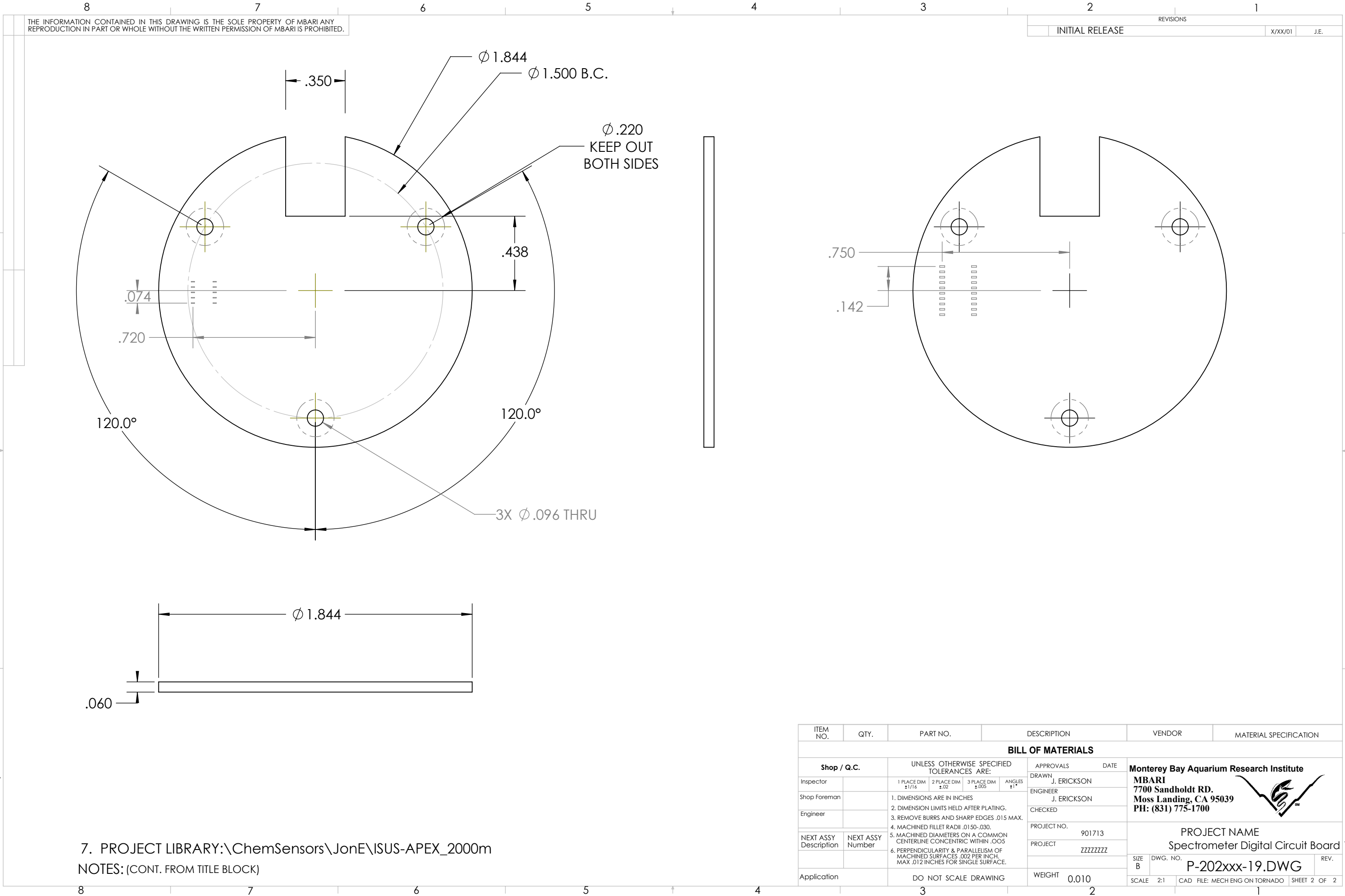
WEIGHT 0.000 lb.

Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700

ISUS-APEX_2000m Spectrometer Digital Board Assembly

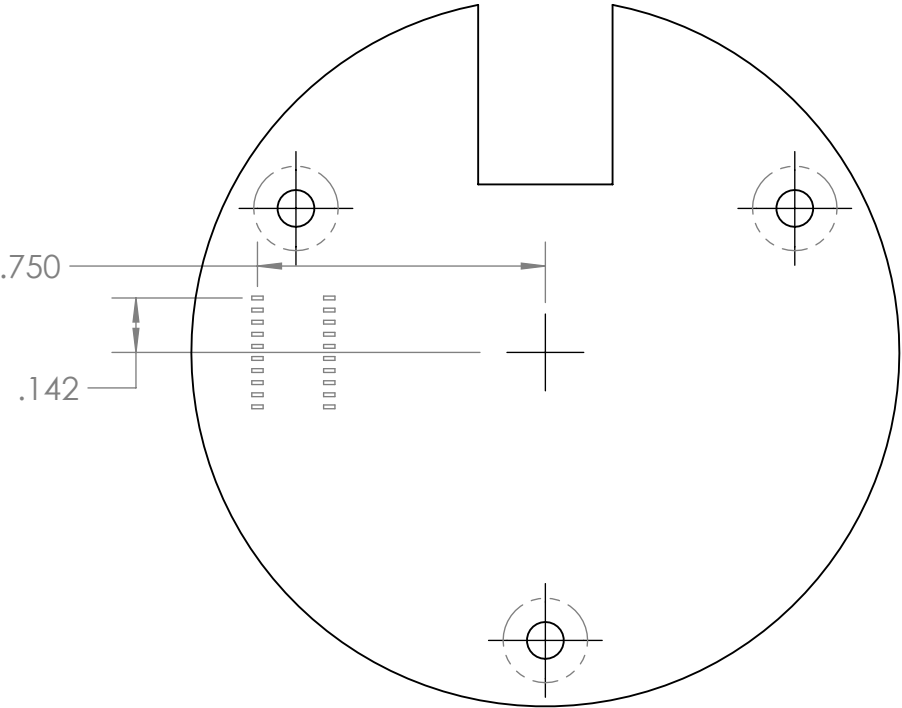
SIZE B DWG. NO. A-100221xxx-20.DWG

SCALE 2:1 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 2



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REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.



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	3 PLACE DIM ±.005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN J. ERICKSON	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON	
NEXT ASSY Description		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
NEXT ASSY Number		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. 901713	
Application		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT ZZZZZZZZ	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		WEIGHT 0.010	
		DO NOT SCALE DRAWING		SCALE 2:1	
				CAD FILE: MECH ENG ON TORNADO	
				SHEET 2 OF 2	

7. PROJECT LIBRARY:\ChemSensors\JonE\ISUS-APEX_2000m
NOTES: (CONT. FROM TITLE BLOCK)

Monterey Bay Aquarium Research Institute
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7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700



PROJECT NAME
Spectrometer Digital Circuit Board 1
P-202xxx-19.DWG