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REV. DESCRIPTION DATE APPROVED

INITIAL RELEASE X/XX/00 EJM

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	CTIA-00575 REV 0.01	Heat Plate - Top, Conduction Cooled XDG.STEP	1
2	XDG004_3D_MODEL.STEP		1
3	91772A111	Screw, 4-40X.563 PPHMS, SS_91772A111.STEP	4
4	91841A005	Nut, 4-40, SS_91841A005.STEP	4
5	92146A530	Lockwasher, #4, Split, SS_92146A530.STEP	4
6	GR45A-0H-50GY	Thermal Pad, 1.00X1.00_50GR-ae.STEP	1
7	M80-2701098.step		1
8	M80-0200049.step		10
9	M80-210.step		2
10	vn100_lid.step		1
11	vn100_base.step		1
12	100221830_BottomPlate		1
13	CR-FHM1 0.112-48x1x1-C		4
14	94639A706	Off-White Nylon Unthreaded Spacer	4
15	HX-SHCS 0.112-40x0.25x0.25-N		4
16	91780A529	Female Threaded Hex Standoff	4
17	100221829_Compas AHRSMountPlate		1
18	93505A211	Male-Female Threaded Hex Standoff	6
19	WaveshareBme280Board^CompasMLCanSubStack		1
20	pololu-d36v28fx-step-down-voltage-regulators.step		1
21	94639A462	Off-White Nylon Unthreaded Spacer	2
22	RaspberryPiZeroEthHatOnTop		1
23	56675T43	Easy-Install Crimp-on Data Connector	1

NOTES1(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	3 PLACE DIM ±.005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN E. MARTIN	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER E. MARTIN	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. XXX	
NEXT ASSY Description	NEXT ASSY Number	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.			
Application		DO NOT SCALE DRAWING		WEIGHT lb.	

SIZE B DWG. NO.

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

Monterey Bay Aquarium Research Institute

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PROJECT NAME

.DWG