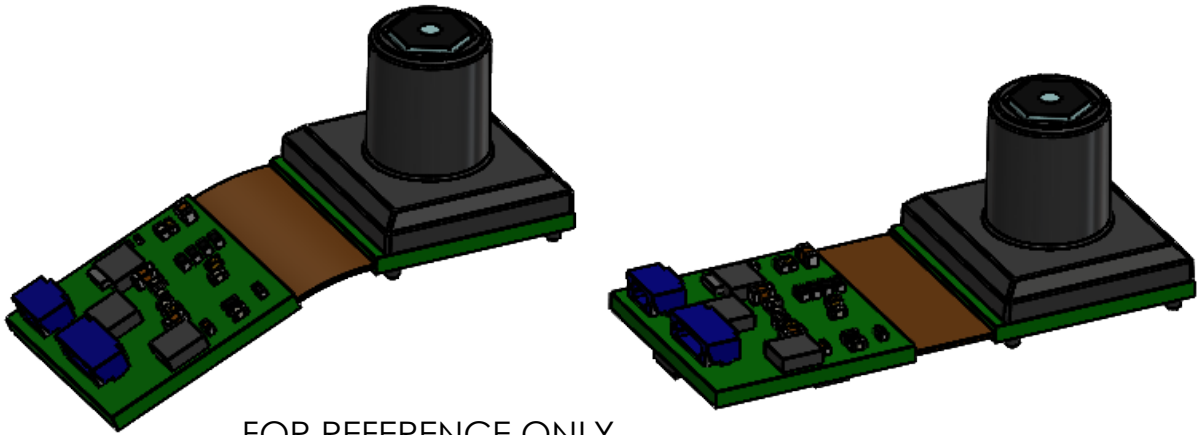


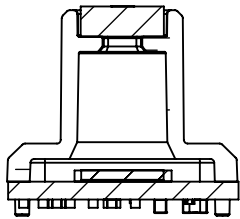
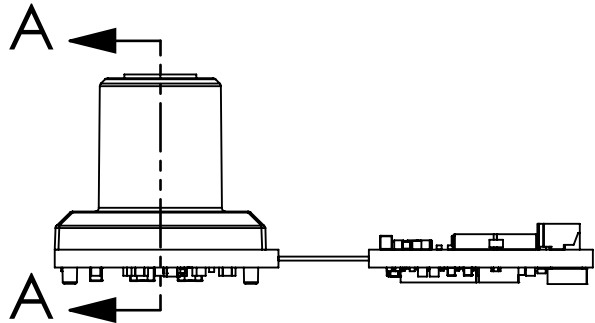
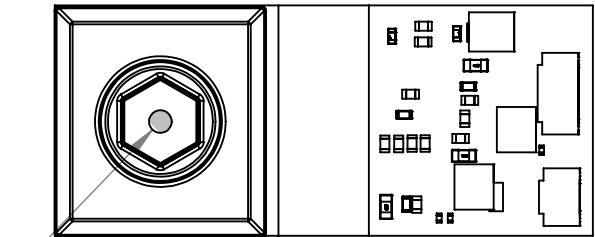
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	3000-0667	DETECTOR HOUSING, NEAR, GEN 2.5	1
2	7000-0134	PCA, HM5530 LVDS Rigid Flex Camera Module	1
3	3000-0659	WINDOW, CAMERA, HEXAGONAL	1
4	1000-0113	EPO-TEK 320 OPTICAL, OPAQUE EPOXY	1
5	1000-0114	LOCTITE ABLESTIK 84-3 NON-CONDUCTIVE ADHESIVE	1
6	1000-0115	LOCTITE ECCOBOND FIL 7010C ENCAPSULANT	1
7	1000-0116	BONDING WIRE, GOLD, 1 MIL DIAMETER	1
8	1000-0117	HM5530 IMAGE SENSOR DIE	1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	01	INITIAL RELEASE		

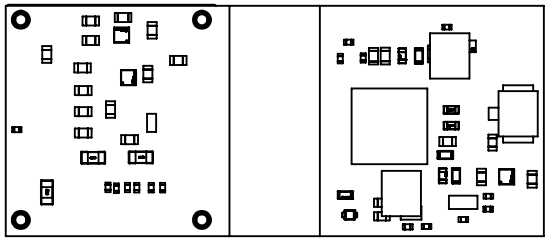


FOR REFERENCE ONLY  
SCALE: NONE

(Ø 1.50  
CLEAR APERTURE)



SECTION A-A



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC DISCHARGE SENSITIVE DEVICES.
2. PERFORM ASSEMBLY IN CLEANROOM ENVIRONMENT. KEEP ASSEMBLY FREE OF DEBRIS AND CONTAMINATION.
3. DIE ATTACH IMAGE SENSOR WITH ABLESTIK 84-3
4. WIREBOND IMAGE SENSOR WITH GOLD WIRE
5. ENCAPSULATE WIREBONDS WITH ECCOBOND FIL 7010C
6. OPTICAL SURFACE. HANDLE CAREFULLY AND KEEP FREE OF GREASE, EPOXY, ETC.
7. INSTALL OPTIC WITH BLACK APERTURE SIDE FACING OUT AS SHOWN. BOND TO HOUSING AND SEAL SHARP EDGES WITH EPO-TEK 320 ADHESIVE. CURE ADHESIVE 2 HRS @ 65 DEG C.
8. PERFORM HEAT STAKE ATTACHMENT OF HOUSING ASSEMBLY TO BOARD AFTER OPTIC INSTALLATION AND CURE PROCESSES.

PROPRIETARY AND CONFIDENTIAL  
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF OPENWATER. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF ABOVE PARTIES IS PROHIBITED.

DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	DATE
INCHES:	X.XX ±0.01 X.XXX ±0.005	CREATED BY	--
MM:	X.X ±0.1 X.XX ±0.05 X.X° ±0.5°	CHECKED BY	--
ANGULAR:	X.X° ±0.5°	ENG APPR.	
SURFACE:	63/	MFG APPR.	
	THIRD ANGLE PROJECTION	Q.A. APPR.	
MATERIAL			
FINISH			
DO NOT SCALE DRAWING	<input type="checkbox"/> NOTES	<input type="checkbox"/> CHANGES	

733 FRONT ST, STE C1A SAN FRANCISCO, CA 94111	
TITLE: <b>ASM, HIMAX CAMERA, NEAR, GEN 2.5</b>	
SIZE <b>B</b>	DWG. NO. <b>7000-0237</b>
SCALE: 2:1	WEIGHT: g
SHEET 1 OF 1	