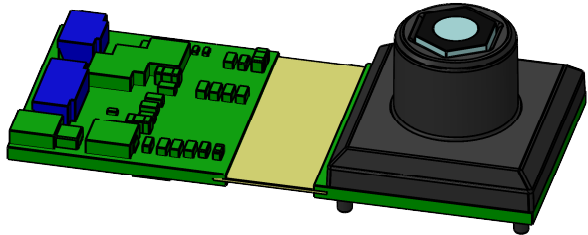
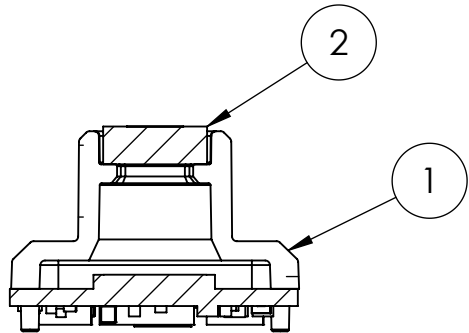
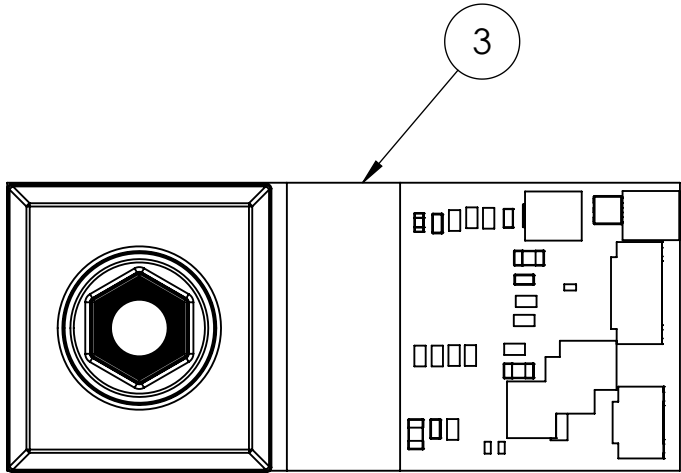


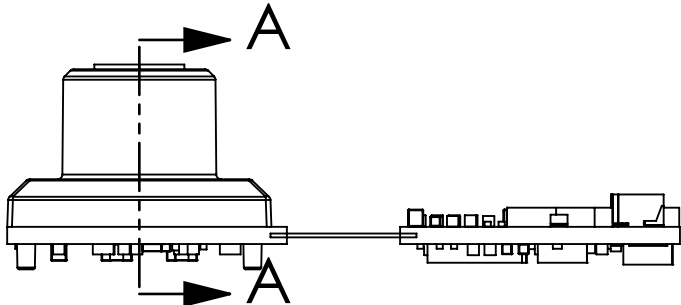
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	3000-0668	DETECTOR HOUSING, FAR, GEN 2.5	1
2	3000-0659-02	WINDOW, CAMERA, HEXAGONAL	1
3	7010-0134	MECHANICAL SOLID, PCA, HM5530 LVDS Rigid Flex Camera Module	1
4	1000-0113	EPO-TEK 320 OPTICAL, OPAQUE EPOXY	1
5	1000-0114	LOCTITE ABLESTIK 84-3 NON-CONDUCTIVE ADHESIVE	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



FOR REFERENCE ONLY
SCALE: NONE



SECTION A-A



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	01	INITIAL RELEASE	20230314	AH

NOTES: (UNLESS OTHERWISE SPECIFIED)

- OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.
- PERFORM ASSEMBLY IN CLEANROOM ENVIRONMENT. KEEP ASSEMBLY FREE OF DEBRIS AND CONTAMINATION.
- DIE ATTACH IMAGE SENSOR WITH ABLESTIK 84-3.
- WIREBOND IMAGE SENSOR WITH GOLD WIRE
- ENCAPSULATE WIREBONDS WITH ECCOBOND FIL 7010C
- OPTICAL SURFACE. HANDLE CAREFULLY AND KEEP FREE OF GREASE, EPOXY, ETC.
- BLACK APERTURE SIDE OF THE OPTIC FACES OUT
- GLUE OPTIC IN PLACE WITH EPO-TEK 320. ENSURE THAT SHARP EDGES AND CORNERS ARE COMPLETELY ENCAPSULATED, AND THAT EXCESS ADHESIVE DOES NOT EXTRUDE OUT ONTO THE INNER OPTIC SURFACE, OR INTO THE CLEAR APERTURE ON THE OUTER SURFACE OF THE OPTIC.
- CURE OPTIC ADHESIVE FOR 2 HOURS AT 65 DEG C IN AIR.
- PERFORM HEAT STAKE ATTACHMENT OF HOUSING TO BOARD FOLLOWING OPTIC INSTALLATION.

DIMENSIONAL TOLERANCES
UNLESS OTHERWISE SPECIFIED:

INCHES: X.XX ±0.01
X.XXX ±0.005
MM: X.X ±0.1
X.XX ±0.05
X.X° ±0.5°

ANGULAR: 63/
SURFACE: THIRD ANGLE
PROJECTION

MATERIAL

FINISH

NAME
DATE
CREATED BY
CHECKED BY
ENG APPR.
MFG APPR.
Q.A. APPR.



733 FRONT ST, STE C1A SAN FRANCISCO, CA 94111

TITLE:
ASM, HIMAX CAMERA, FAR, GEN
2.5

SIZE DWG. NO. REV
B 7000-0258 01

SCALE: 2.5:WEIGHT: g SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL

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