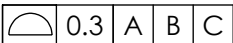
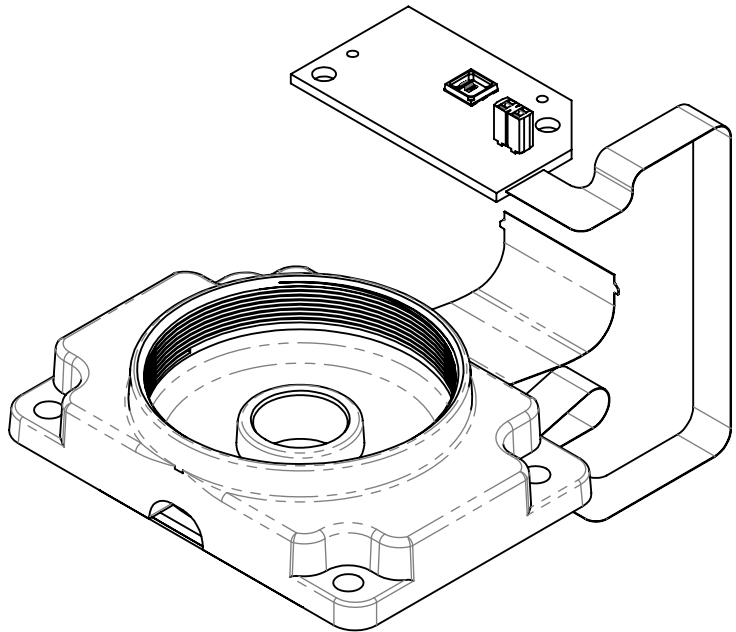


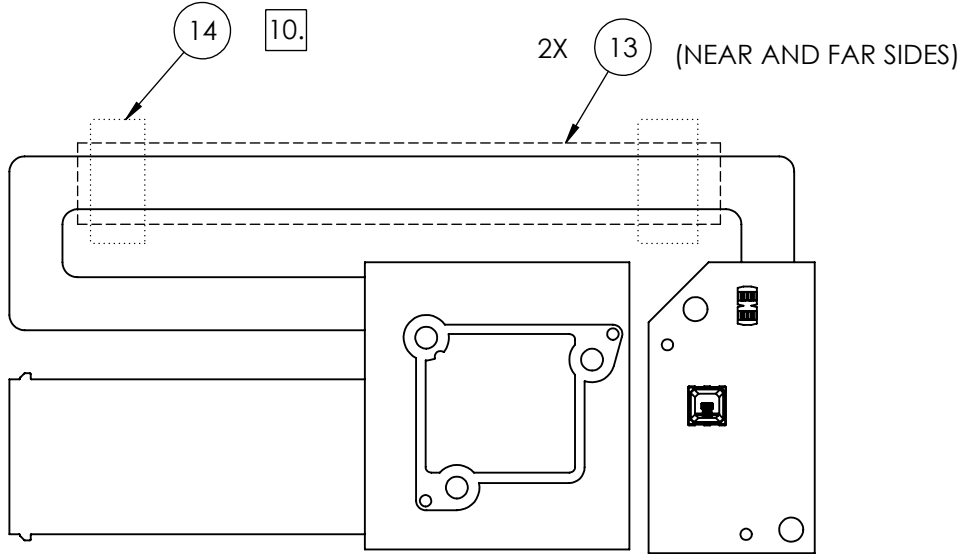
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NOTES, UNLESS OTHERWISE SPECIFIED:

1. MATERIAL: , OR MAYFIELD ROBOTICS APPROVED EQUIVALENT.
2. COMPONENTS AND MATERIALS MUST BE RoHS COMPLIANT AND TRACEABILITY OF SUCH MUST BE MADE AVAILABLE UPON REQUEST.
3. UNSPECIFIED FEATURES ARE CONTROLLED BY THE ASSOCIATED 3D CAD DATABASE AND CONFORM TO 
4. INTERPRET DRAWING AND DESIGN MODEL PER ASME Y14.41-2003.
5. PART TO BE BAGGED AND TAGGED WITH PART NUMBER, REVISION LEVEL, DATE CODE, AND VENDOR ID.
6. REFER TO MAYFIELD ROBOTICS QA-00025 FOR GENERAL INSPECTION REQUIREMENTS AND SPECIFIC REQUIREMENTS FOR DIMENSIONS INCLUDING "CC-", AN OVAL, AND/OR OTHER MODIFIERS.
7. APPLY ADHESIVE (ITEM 5) TO INSTALL FILTER (ITEM 2) INTO POCKET ON LENS MOUNT.
8. MOUNT IMAGER USING WIRE BONDING PROCESS.
9. ALL ASSEMBLY STEPS TO BE CARRIED OUT IN CLEAN ROOM.
10. USE POLYIMIDE TAPE (ITEM 14) TO SECURE ENDS OF EMI SHIELDS (ITEM 13) WHERE SHOWN.



REVISION TABLE				
ECO	REVISION	DESCRIPTION	DATE	APPROVED
	A27	ADDED IR LENS FILTER	19OCT17	
	A28	ADDED ADHESIVE, REMOVED LUMINAIRE	18APR18	J UMHOEFER
	B01	ADDED ITEMS 6-10	01MAY18	
	B02	UPDATE PN FOR ITEMS 9-10	08MAY18	
ECO-000041	B03	REMOVE ITEMS 6-10 (MOVED TO SA-00060), ADDED ITEM 11	15MAY18	J UMHOEFER
ECO-000057	C01	ADDED EMI SHIELDS (ITEMS 12-14)	12JUN18	J UMHOEFER
ECO-000100	C02	ITEM 3 REV. UPDATED TO J03	25JUL18	J UMHOEFER



DETAIL A: EMI SHIELD INSTALLATION



BILL OF MATERIALS					
ITEM NO	QTY	PART NUMBER	DESCRIPTION	VENDOR	VENDOR PN
1	1	CM-00341	LENS MOUNT, DEPTH SENSOR		
2	1	CM-00342	IR LENS FILTER	LenOpTec	L1968
3	1	CE-00034	FLEX PCBA -- DEPTH SENSOR		
4	3	OM-00058	SCREW, K25x6 PT, PAN HEAD		
5	AR	CN-00023	ADHESIVE, LOW-BLOOMING		
6			<<REMOVED>>		
7			<<REMOVED>>		
8			<<REMOVED>>		
9			<<REMOVED>>		
10			<<REMOVED>>		
11	1	OE-00440	IMAGE SENSOR, TIME OF FLIGHT		
12	1	CM-00418	EMI Shield, Imager -- Depth Sensor		
13	2		EMI Shield, Flex Cable -- Depth Sensor		
14	AR	CN-00039	Tape, Polyimide, .05mm (.002")		

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN  
MILLIMETERS  
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M  
TRAILING ZEROS DENOTE TOLERANCE

TOLERANCES  
X =  $\pm 0.5$   
X.X =  $\pm 0.25$   
X.XX =  $\pm 0.13$   
ANGLES =  $\pm 1^\circ$   
UNLESS OTHERWISE SPECIFIED



400 CONVENTION WAY  
REDWOOD CITY, CA 94063

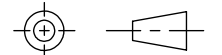
FLEX ASSEMBLY -- DEPTH SENSOR

DO NOT SCALE DRAWING

APPROVED P AUMANN 19OCT17

THIRD ANGLE PROJECTION

ENGINEERING APPROVAL K AHLE 18APR18



DWG NUMBER SA-00071 REV C02  
SIZE B SCALE 1:1 SHEET 1 of 1