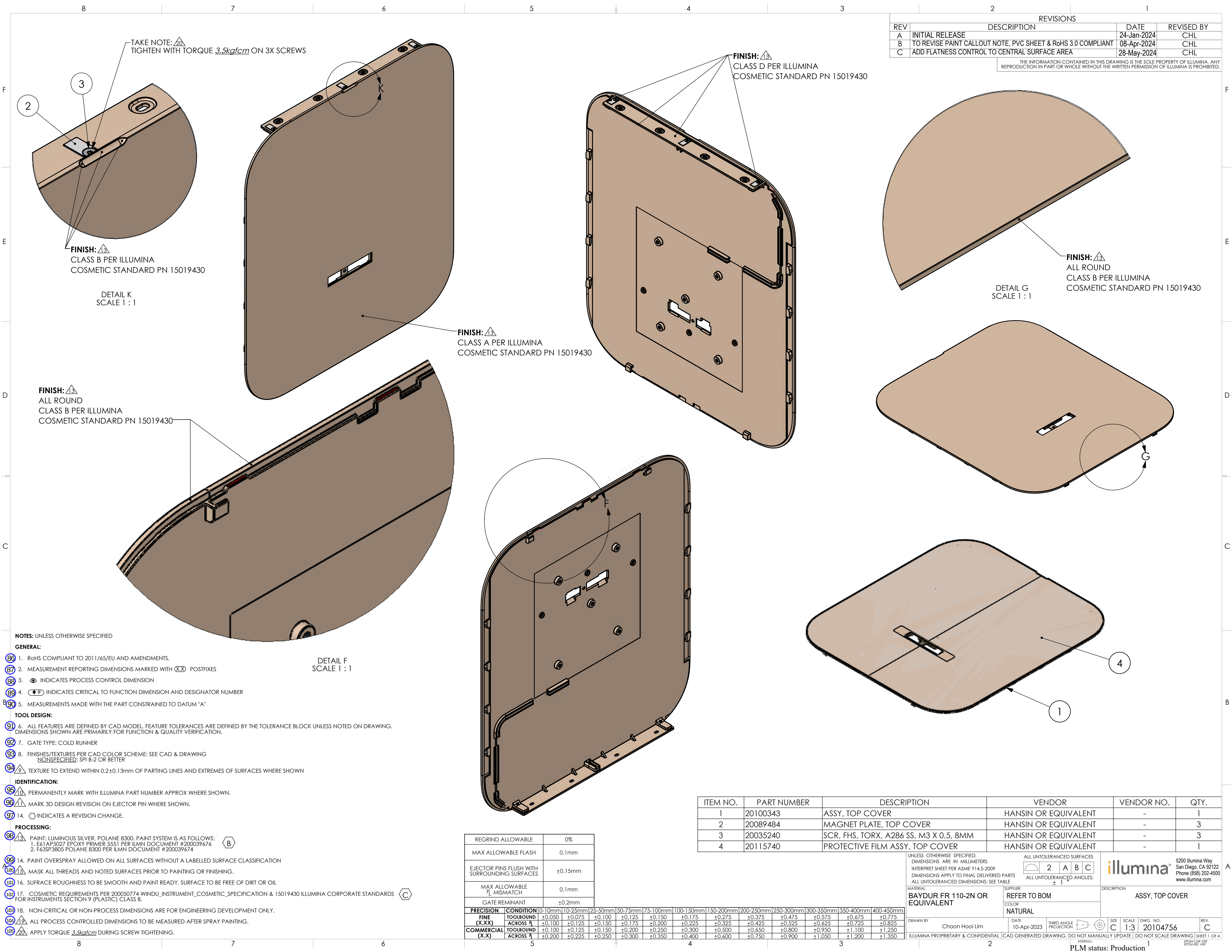




REVISIONS			
REV	DESCRIPTION	DATE	REVISED BY
A	INITIAL RELEASE	24-Jan-2024	CHL
B	TO REVISE PAINT CALLOUT NOTE, PVC SHEET & RoHS 3.0 COMPLIANT	08-Apr-2024	CHL
C	ADD FLATNESS CONTROL TO CENTRAL SURFACE AREA	28-May-2024	CHL

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FINISH: CLASS D PER ILLUMINA COSMETIC STANDARD PN 15019430

FINISH: ALL ROUND CLASS B PER ILLUMINA COSMETIC STANDARD PN 15019430

FINISH: CLASS A PER ILLUMINA COSMETIC STANDARD PN 15019430

FINISH: CLASS B PER ILLUMINA COSMETIC STANDARD PN 15019430

DETAIL K
SCALE 1 : 1

DETAIL G
SCALE 1 : 1

DETAIL F
SCALE 1 : 1

- NOTES: UNLESS OTHERWISE SPECIFIED
- GENERAL:
- 1. RoHS COMPLIANT TO 2011/65/EU AND AMENDMENTS.
 - 2. MEASUREMENT REPORTING DIMENSIONS MARKED WITH POSTFIXES
 - 3. INDICATES PROCESS CONTROL DIMENSION
 - 4. INDICATES CRITICAL TO FUNCTION DIMENSION AND DESIGNATOR NUMBER
 - 5. MEASUREMENTS MADE WITH THE PART CONSTRAINED TO DATUM "A"

- TOOL DESIGN:
- 6. ALL FEATURES ARE DEFINED BY CAD MODEL. FEATURE TOLERANCES ARE DEFINED BY THE TOLERANCE BLOCK UNLESS NOTED ON DRAWING. DIMENSIONS SHOWN ARE PRIMARILY FOR FUNCTION & QUALITY VERIFICATION.
 - 7. GATE TYPE: COLD RUNNER
 - 8. FINISHES/TEXTURES PER CAD COLOR SCHEME: SEE CAD & DRAWING
NONSPECIFIED: SPI B-2 OR BETTER
 - 9. TEXTURE TO EXTEND WITHIN 0.2±0.13mm OF PARTING LINES AND EXTREMES OF SURFACES WHERE SHOWN

- IDENTIFICATION:
- 10. PERMANENTLY MARK WITH ILLUMINA PART NUMBER APPROX WHERE SHOWN.
 - 11. MARK 3D DESIGN REVISION ON EJECTOR PIN WHERE SHOWN.
 - 14. INDICATES A REVISION CHANGE.

- PROCESSING:
- 13. PAINT: LUMINOUS SILVER, POLANE 8300. PAINT SYSTEM IS AS FOLLOWS:
1. E61AP5027 EPOXY PRIMER 5551 PER ILMN DOCUMENT #200039676
2. F63SP3805 POLANE 8300 PER ILMN DOCUMENT #200039674
 - 14. PAINT OVERSPRAY ALLOWED ON ALL SURFACES WITHOUT A LABELLED SURFACE CLASSIFICATION
 - 15. MASK ALL THREADS AND NOTED SURFACES PRIOR TO PAINTING OR FINISHING.
 - 16. SURFACE ROUGHNESS TO BE SMOOTH AND PAINT READY. SURFACE TO BE FREE OF DIRT OR OIL
 - 17. COSMETIC REQUIREMENTS PER 200050774 WINDU_INSTRUMENT_COSMETIC_SPECIFICATION & 15019430 ILLUMINA CORPORATE STANDARDS FOR INSTRUMENTS SECTION 9 (PLASTIC) CLASS B.
 - 18. NON-CRITICAL OR NON-PROCESS DIMENSIONS ARE FOR ENGINEERING DEVELOPMENT ONLY.
 - 19. ALL PROCESS CONTROLLED DIMENSIONS TO BE MEASURED AFTER SPRAY PAINTING.
 - 20. APPLY TORQUE 3.5k μ cm DURING SCREW TIGHTENING.

REGRIND ALLOWABLE		0%											
MAX ALLOWABLE FLASH		0.1mm											
EJECTOR PINS FLUSH WITH SURROUNDING SURFACES		±0.15mm											
MAX ALLOWABLE R _f MISMATCH		0.1mm											
GATE REMINANT		±0.2mm											
PRECISION	CONDITION	0-10mm	10-25mm	25-50mm	50-75mm	75-100mm	100-150mm	150-200mm	200-250mm	250-300mm	300-350mm	350-400mm	400-450mm
FINE (X.XX)	TOOLBOUND	±0.050	±0.075	±0.100	±0.125	±0.150	±0.175	±0.275	±0.375	±0.475	±0.575	±0.675	±0.775
	ACROSS R	±0.100	±0.125	±0.150	±0.175	±0.200	±0.225	±0.325	±0.425	±0.525	±0.625	±0.725	±0.825
COMMERCIAL (X.X)	TOOLBOUND	±0.100	±0.125	±0.150	±0.200	±0.250	±0.300	±0.500	±0.650	±0.800	±0.950	±1.100	±1.250
	ACROSS R	±0.200	±0.225	±0.250	±0.300	±0.350	±0.400	±0.600	±0.750	±0.900	±1.050	±1.200	±1.350

ITEM NO.	PART NUMBER	DESCRIPTION	VENDOR	VENDOR NO.	QTY.
1	20100343	ASSY, TOP COVER	HANSIN OR EQUIVALENT	-	1
2	20089484	MAGNET PLATE, TOP COVER	HANSIN OR EQUIVALENT	-	3
3	20035240	SCR, FHS, TORX, A286 SS, M3 X 0.5, 8MM	HANSIN OR EQUIVALENT	-	3
4	20115740	PROTECTIVE FILM ASSY, TOP COVER	HANSIN OR EQUIVALENT	-	1

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
INTERPRET SHEET PER ASME Y14.5-2009
DIMENSIONS APPLY TO FINAL DELIVERED PARTS
ALL UNTOLERANCED DIMENSIONS: SEE TABLE

ALL UNTOLERANCED SURFACES
 2 A B C
ALL UNTOLERANCED ANGLES:
 ± 1°

MATERIAL:
BAYDUR FR 110-2N OR EQUIVALENT

SUPPLIER:
REFER TO BOM

COLOR:
NATURAL

DESCRIPTION:
ASSY, TOP COVER

ILLUMINA
5200 Illumina Way
San Diego, CA 92122
Phone (858) 202-4500
www.illumina.com

DRAWN BY:
Choon Hooi Lim

DATE:
10-Apr-2023

THIRD ANGLE PROJECTION

SIZE:
C

SCALE:
1:3

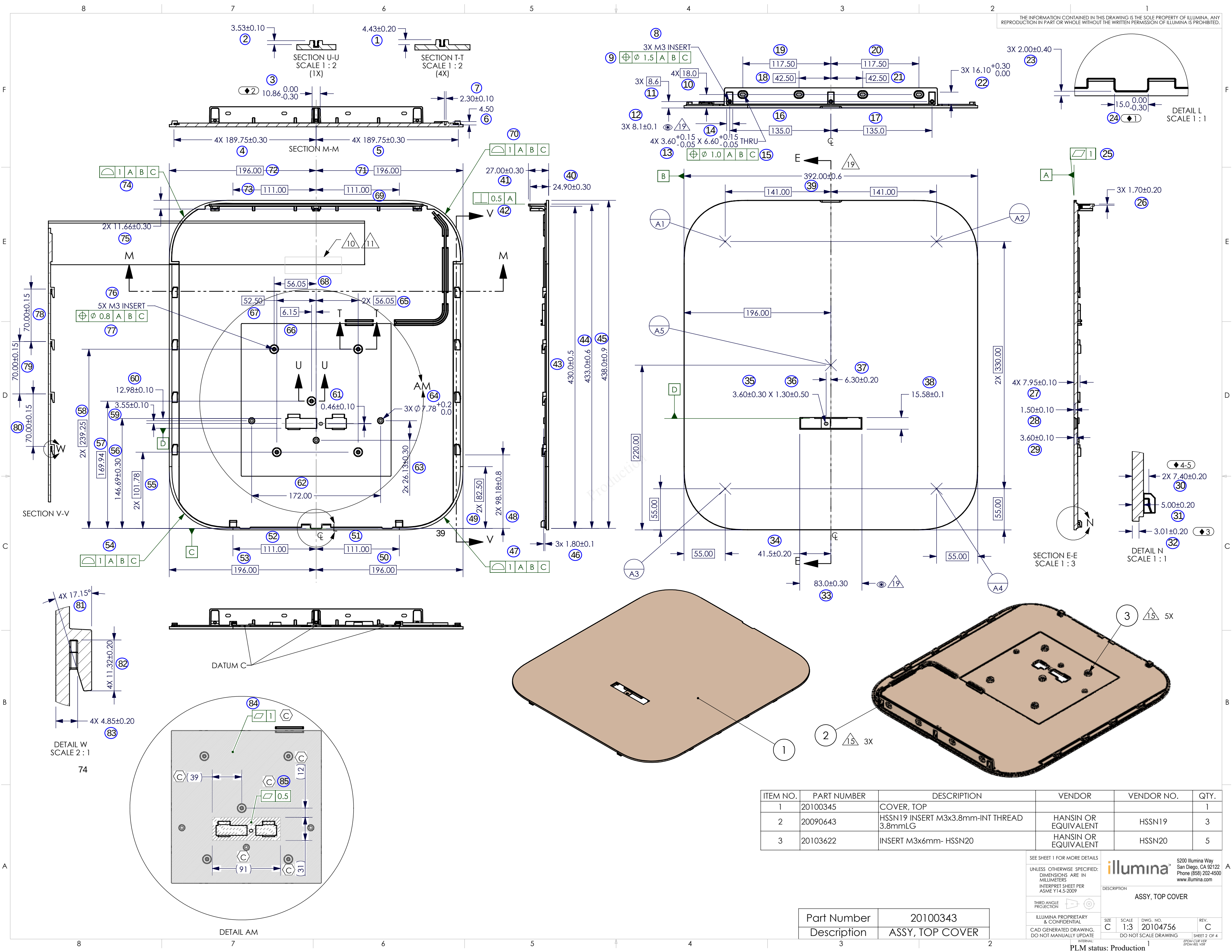
DWG. NO.:
20104756

REV.:
C

ILLUMINA PROPRIETARY & CONFIDENTIAL
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE
DO NOT SCALE DRAWING

SHEET 1 OF 4
FROM CLW VER FROM REV V04

PLM status: Production



ITEM NO.	PART NUMBER	DESCRIPTION	VENDOR	VENDOR NO.	QTY.
1	20100345	COVER, TOP			1
2	20090643	HSSN19 INSERT M3x3.8mm-INT THREAD 3.8mmLG	HANSIN OR EQUIVALENT	HSSN19	3
3	20103622	INSERT M3x6mm- HSSN20	HANSIN OR EQUIVALENT	HSSN20	5

SEE SHEET 1 FOR MORE DETAILS
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN
MILLIMETERS
INTERPRET SHEET PER
ASME Y14.5-2009

THIRD ANGLE
PROJECTION

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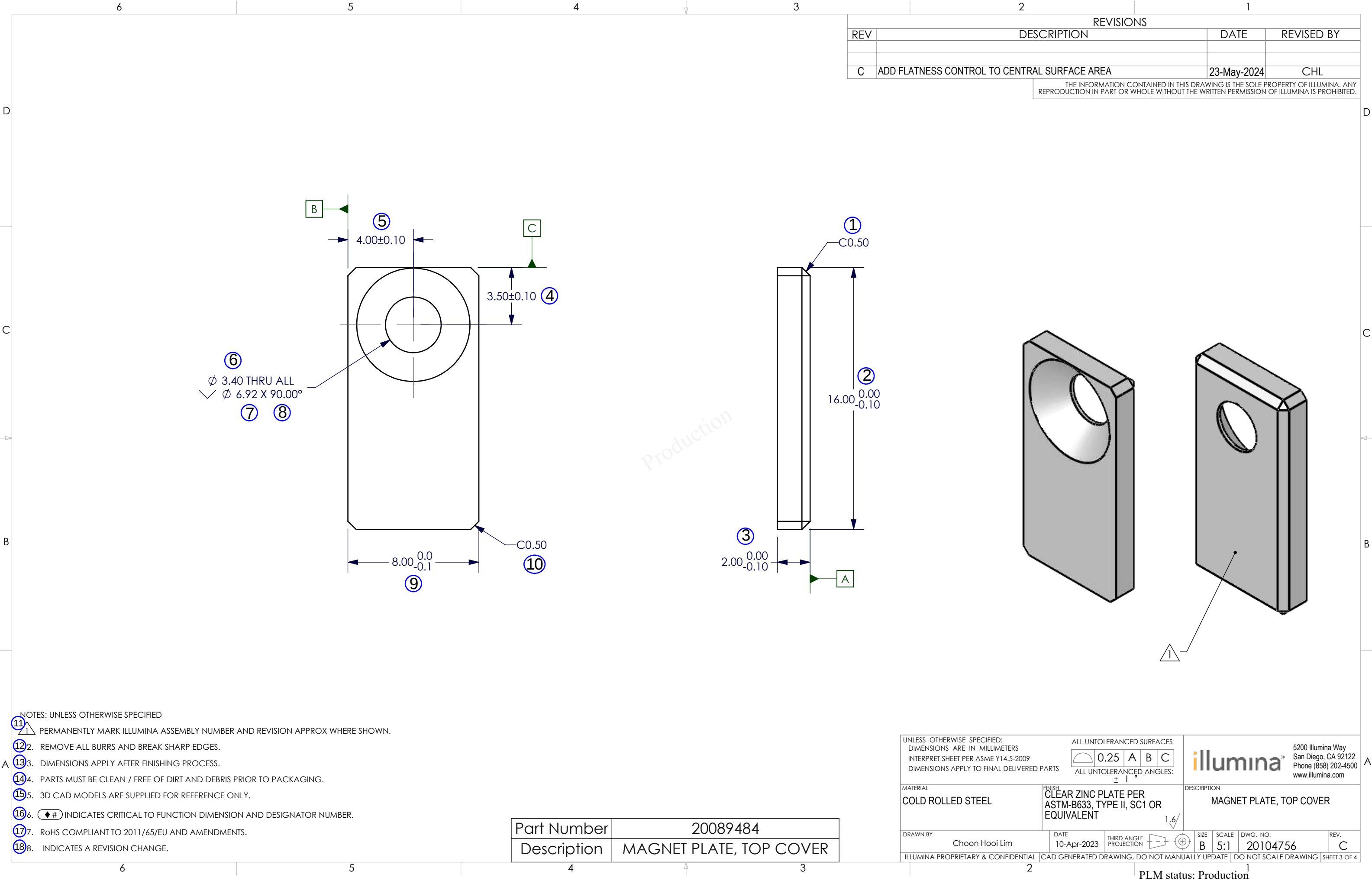
DESCRIPTION
ASSY, TOP COVER

SIZE C	SCALE 1:3	DWG. NO. 20104756	REV. C
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DO NOT SCALE DRAWING

SHEET 2 OF 4

Part Number	20100343
Description	ASSY, TOP COVER



REVISIONS			
REV	DESCRIPTION	DATE	REVISED BY
C	ADD FLATNESS CONTROL TO CENTRAL SURFACE AREA	23-May-2024	CHL

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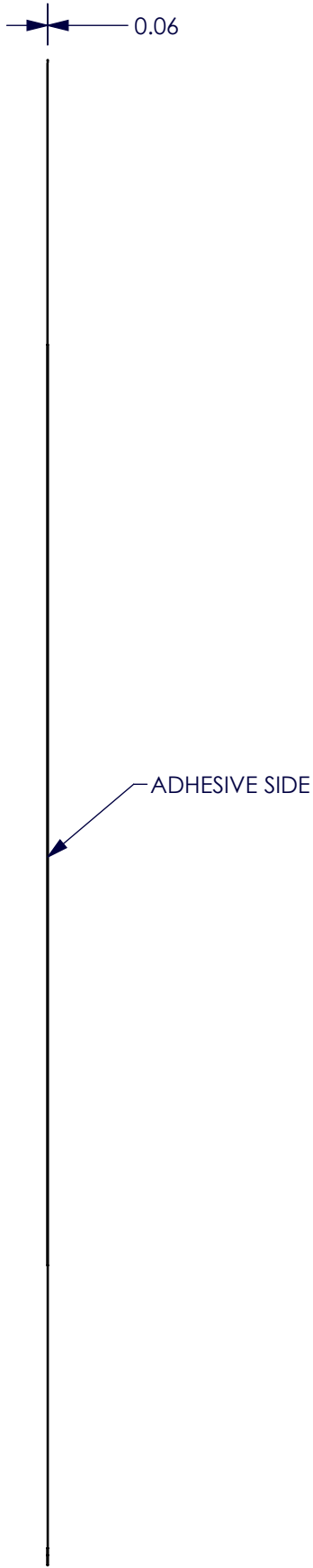
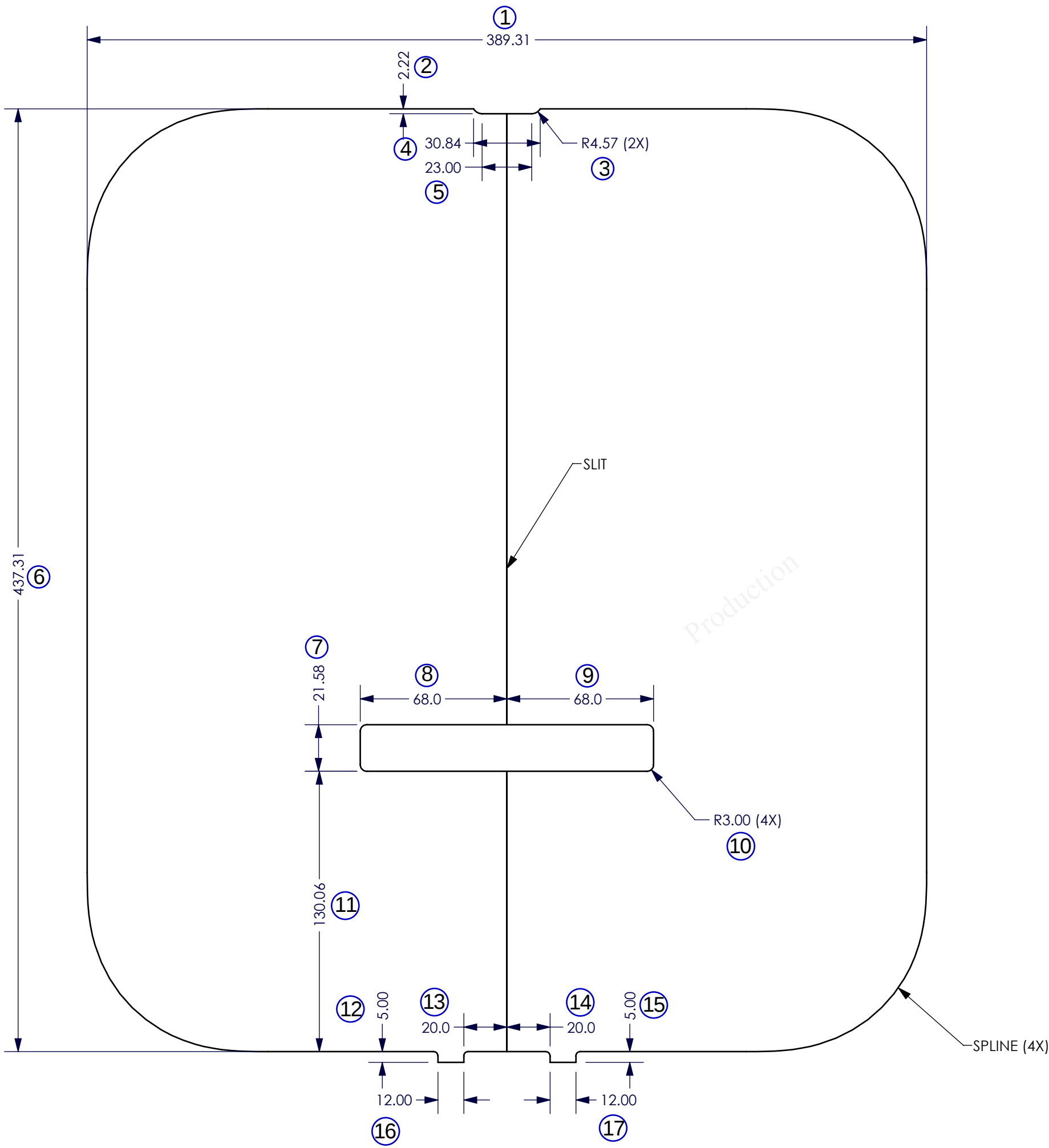
NOTES: UNLESS OTHERWISE SPECIFIED

- 1. PERMANENTLY MARK ILLUMINA ASSEMBLY NUMBER AND REVISION APPROX WHERE SHOWN.
- 2. REMOVE ALL BURRS AND BREAK SHARP EDGES.
- 3. DIMENSIONS APPLY AFTER FINISHING PROCESS.
- 4. PARTS MUST BE CLEAN / FREE OF DIRT AND DEBRIS PRIOR TO PACKAGING.
- 5. 3D CAD MODELS ARE SUPPLIED FOR REFERENCE ONLY.
- 6. $\diamond\#$ INDICATES CRITICAL TO FUNCTION DIMENSION AND DESIGNATOR NUMBER.
- 7. RoHS COMPLIANT TO 2011/65/EU AND AMENDMENTS.
- 8. INDICATES A REVISION CHANGE.

Part Number	20089484
Description	MAGNET PLATE, TOP COVER

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS INTERPRET SHEET PER ASME Y14.5-2009 DIMENSIONS APPLY TO FINAL DELIVERED PARTS			ALL UNTOLERANCED SURFACES  0.25 A B C ALL UNTOLERANCED ANGLES: ± 1°			5200 Illumina Way San Diego, CA 92122 Phone (858) 202-4500 www.illumina.com		
MATERIAL COLD ROLLED STEEL		FINISH CLEAR ZINC PLATE PER ASTM-B633, TYPE II, SC1 OR EQUIVALENT 1.6/		DESCRIPTION MAGNET PLATE, TOP COVER				
DRAWN BY Choon Hooi Lim		DATE 10-Apr-2023	THIRD ANGLE PROJECTION 	SIZE B	SCALE 5:1	DWG. NO. 20104756	REV. C	
ILLUMINA PROPRIETARY & CONFIDENTIAL		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE			DO NOT SCALE DRAWING		SHEET 3 OF 4	

PLM status: Production



- NOTES:
1. MATERIAL CODE: SVLT(L)(157)E-C5
 2. FACE STOCK: SEMI-RIGID PVC (THICKNESS: 0.150mm +/-0.008mm)
 3. ADHESIVE THICKNESS: 0.025+/-0.003
 4. ADHESION TO MIRROR STEEL: >0.6kg/inch
 5. NO GREASE, NO DEFECTS, NO SCRATCHES
 6. RoHS 3.0 (EU) 2015/863 COMPLIANT

Part Number	20115740
Description	PROTECTIVE FILM ASSY, TOP COVER

SEE SHEET 1 FOR MORE DETAILS		ILLUMINA [™]		5200 Illumina Way San Diego, CA 92122 Phone (858) 202-4500 www.illumina.com	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS INTERPRET SHEET PER ASME Y14.5-2009		DESCRIPTION PROTECTIVE FILM ASSY, TOP COVER			
THIRD ANGLE PROJECTION		SIZE C	SCALE 1:2	DWG. NO. 20104756	REV. C
ILLUMINA PROPRIETARY & CONFIDENTIAL CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		INTERNAL:		SHEET 4 OF 4	