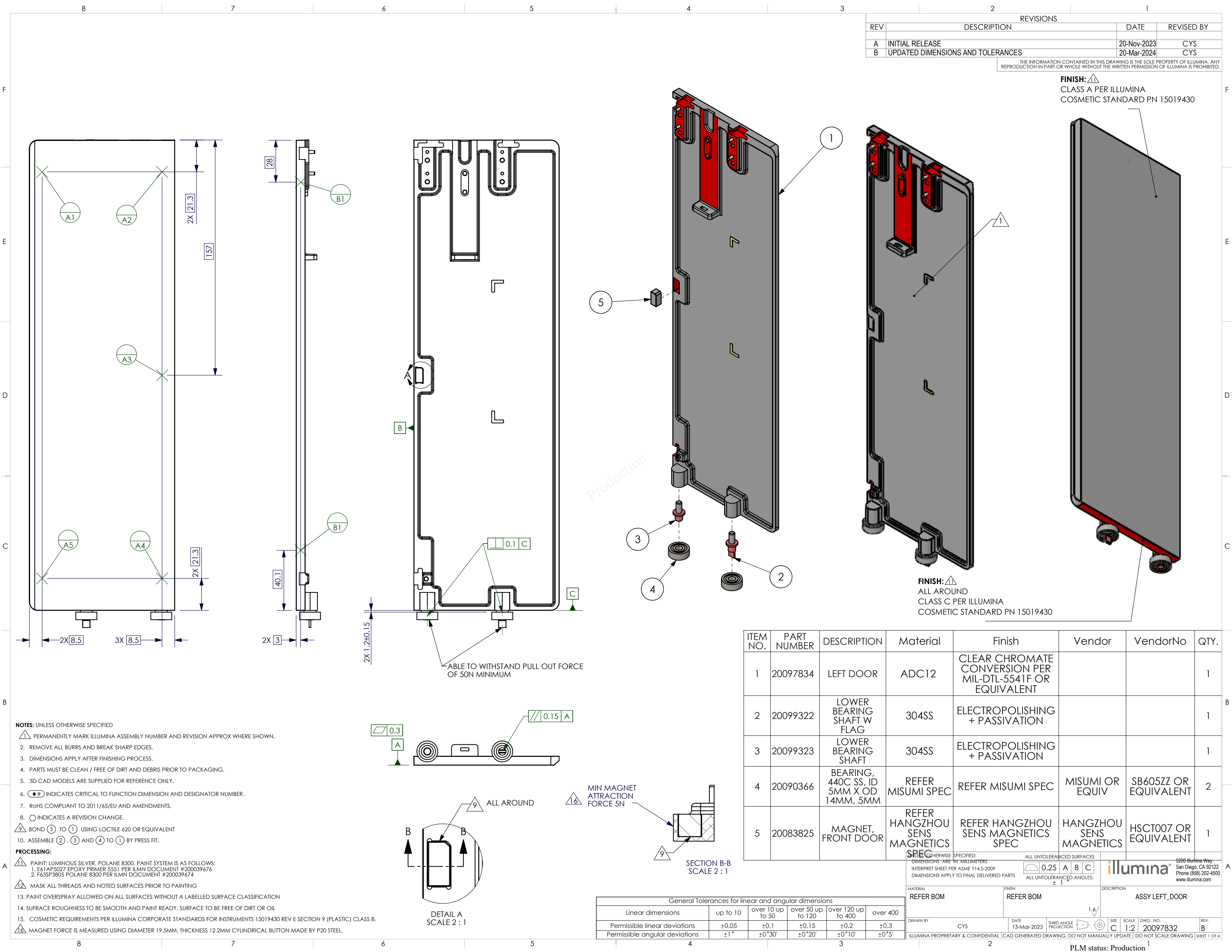




REVISIONS			
REV	DESCRIPTION	DATE	REVISED BY
A	INITIAL RELEASE	20-Nov-2023	CYS
B	UPDATED DIMENSIONS AND TOLERANCES	20-Mar-2024	CYS

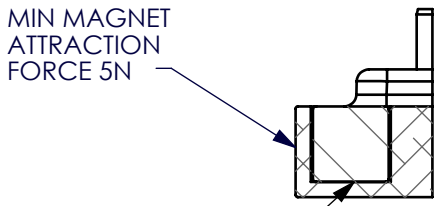
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FINISH:
CLASS A PER ILLUMINA
COSMETIC STANDARD PN 15019430

FINISH:
ALL AROUND
CLASS C PER ILLUMINA
COSMETIC STANDARD PN 15019430

ITEM NO.	PART NUMBER	DESCRIPTION	Material	Finish	Vendor	VendorNo	QTY.
1	20097834	LEFT DOOR	ADC12	CLEAR CHROMATE CONVERSION PER MIL-DTL-5541F OR EQUIVALENT			1
2	20099322	LOWER BEARING SHAFT W FLAG	304SS	ELECTROPOLISHING + PASSIVATION			1
3	20099323	LOWER BEARING SHAFT	304SS	ELECTROPOLISHING + PASSIVATION			1
4	20090366	BEARING, 440C SS, ID 5MM X OD 14MM, 5MM	REFER MISUMI SPEC	REFER MISUMI SPEC	MISUMI OR EQUIV	SB605ZZ OR EQUIVALENT	2
5	20083825	MAGNET, FRONT DOOR	REFER HANGZHOU SENS MAGNETICS SPEC	REFER HANGZHOU SENS MAGNETICS SPEC	HANGZHOU SENS MAGNETICS	HSCT007 OR EQUIVALENT	1

- NOTES:** UNLESS OTHERWISE SPECIFIED
- PERMANENTLY MARK ILLUMINA ASSEMBLY NUMBER AND REVISION APPROX WHERE SHOWN.
 - REMOVE ALL BURRS AND BREAK SHARP EDGES.
 - DIMENSIONS APPLY AFTER FINISHING PROCESS.
 - PARTS MUST BE CLEAN / FREE OF DIRT AND DEBRIS PRIOR TO PACKAGING.
 - 3D CAD MODELS ARE SUPPLIED FOR REFERENCE ONLY.
 - INDICATES CRITICAL TO FUNCTION DIMENSION AND DESIGNATOR NUMBER.
 - RoHS COMPLIANT TO 2011/65/EU AND AMENDMENTS.
 - INDICATES A REVISION CHANGE.
 - BOND TO USING LOCTITE 620 OR EQUIVALENT
 - ASSEMBLE , AND TO BY PRESS FIT.
- PROCESSING:**
- 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
 - MASK ALL THREADS AND NOTED SURFACES PRIOR TO PAINTING
 - PAINT OVERSPRAY ALLOWED ON ALL SURFACES WITHOUT A LABELLED SURFACE CLASSIFICATION
 - SURFACE ROUGHNESS TO BE SMOOTH AND PAINT READY. SURFACE TO BE FREE OF DIRT OR OIL
 - COSMETIC REQUIREMENTS PER ILLUMINA CORPORATE STANDARDS FOR INSTRUMENTS 15019430 REV E SECTION 9 (PLASTIC) CLASS B.
 - MAGNET FORCE IS MEASURED USING DIAMETER 19.5MM, THICKNESS 12.2MM CYLINDRICAL BUTTON MADE BY P20 STEEL.



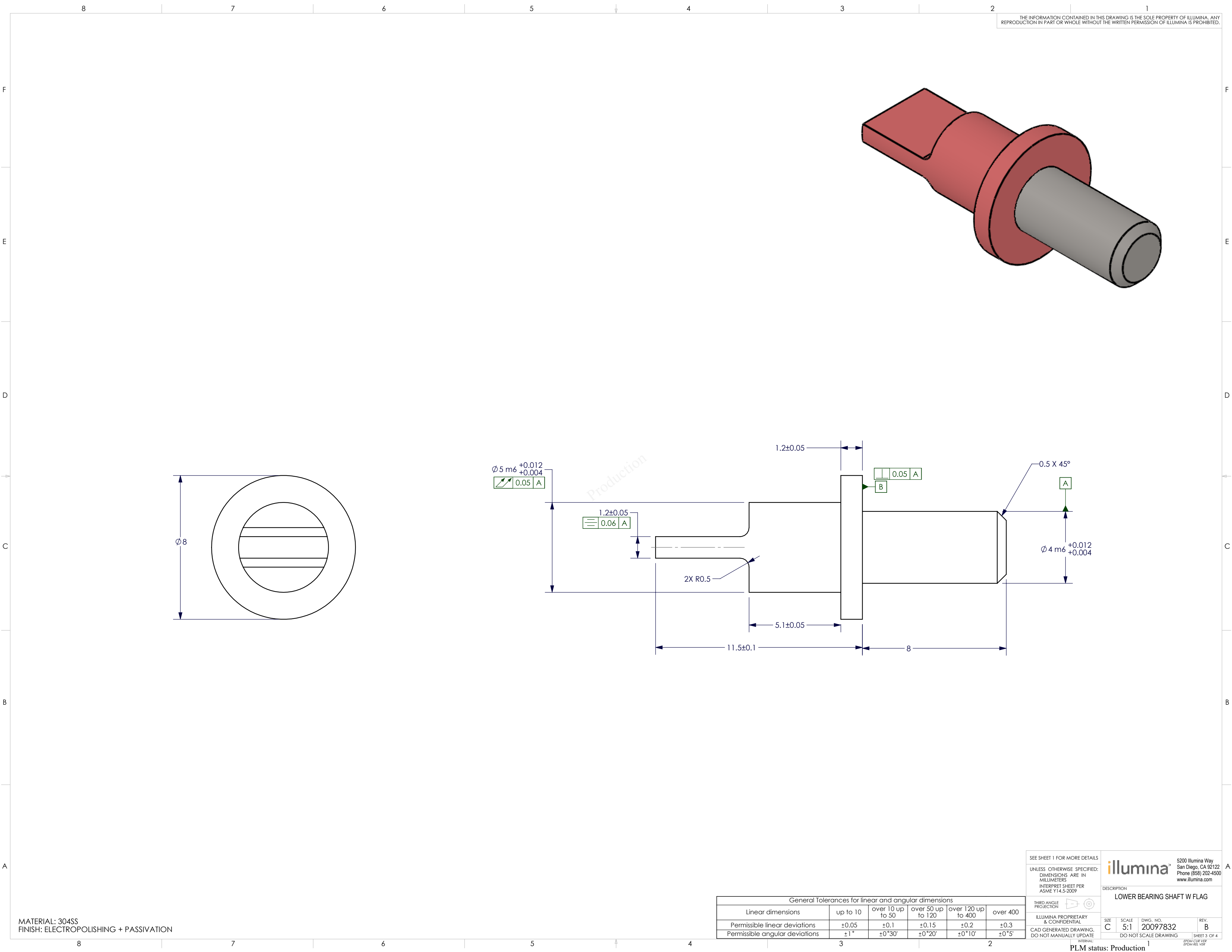
SECTION B-B
SCALE 2 : 1

General Tolerances for linear and angular dimensions					
Linear dimensions	up to 10	over 10 up to 50	over 50 up to 120	over 120 up to 400	over 400
Permissible linear deviations	±0.05	±0.1	±0.15	±0.2	±0.3
Permissible angular deviations	±1°	±0°30'	±0°20'	±0°10'	±0°5'

OTHERWISE SPECIFIED:			
DIMENSIONS ARE IN MILLIMETERS			
INTERPRET SHEET PER ASME Y14.5-2009			
DIMENSIONS APPLY TO FINAL DELIVERED PARTS			
MATERIAL REFER BOM		FINISH REFER BOM	
DRAWN BY CYS		DATE 13-Mar-2023	
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illumina
5290 Illumina Way
San Diego, CA 92122
Phone (858) 202-4500
www.illumina.com

DESCRIPTION			
ASSY LEFT_DOOR			
SIZE C	SCALE 1:2	DWG. NO. 20097832	REV. B



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MATERIAL: 304SS
FINISH: ELECTROPOLISHING + PASSIVATION

General Tolerances for linear and angular dimensions					
Linear dimensions	up to 10	over 10 up to 50	over 50 up to 120	over 120 up to 400	over 400
Permissible linear deviations	±0.05	±0.1	±0.15	±0.2	±0.3
Permissible angular deviations	±1°	±0°30'	±0°20'	±0°10'	±0°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

LOWER BEARING SHAFT W FLAG

SIZE	SCALE	DWG. NO.	REV.
C	5:1	20097832	B

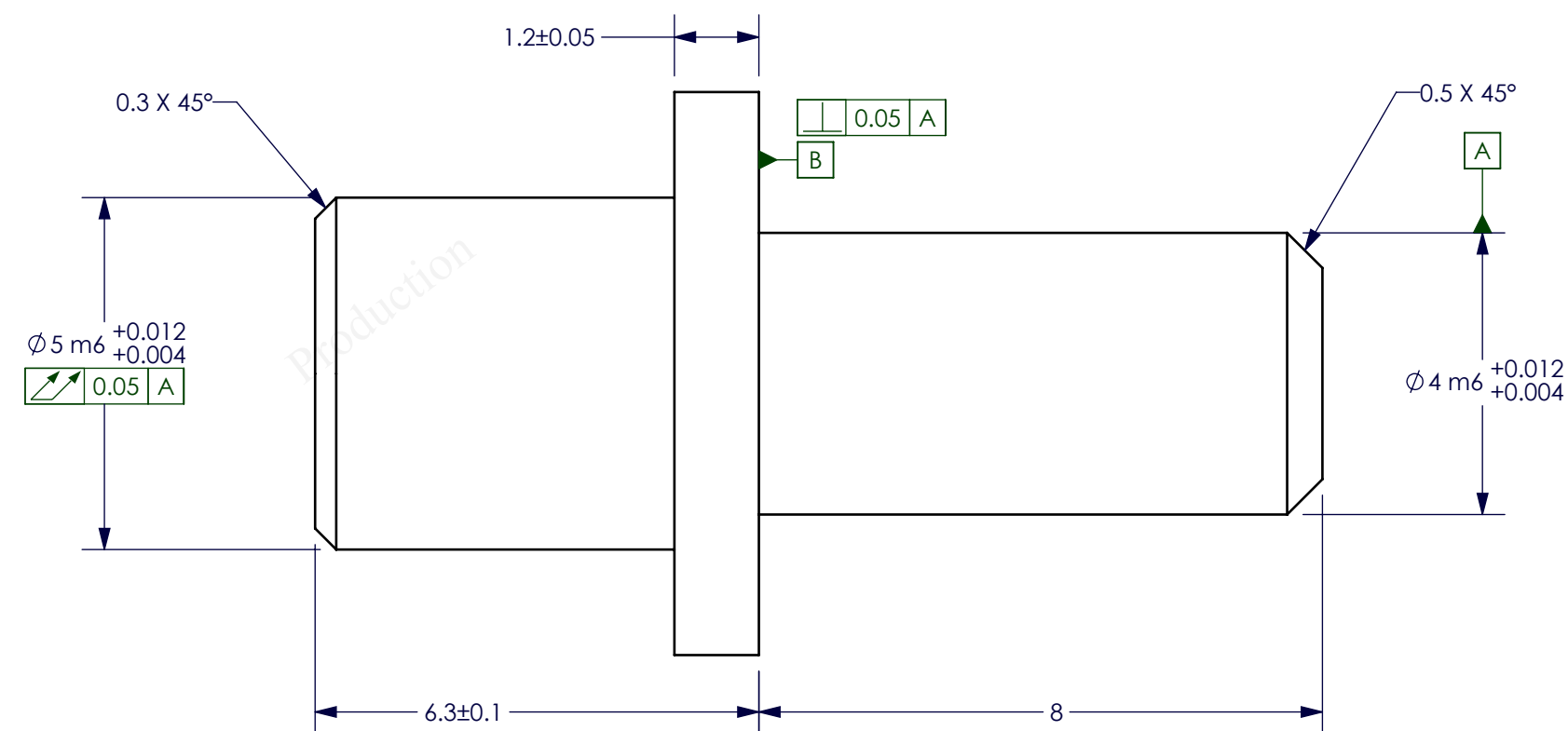
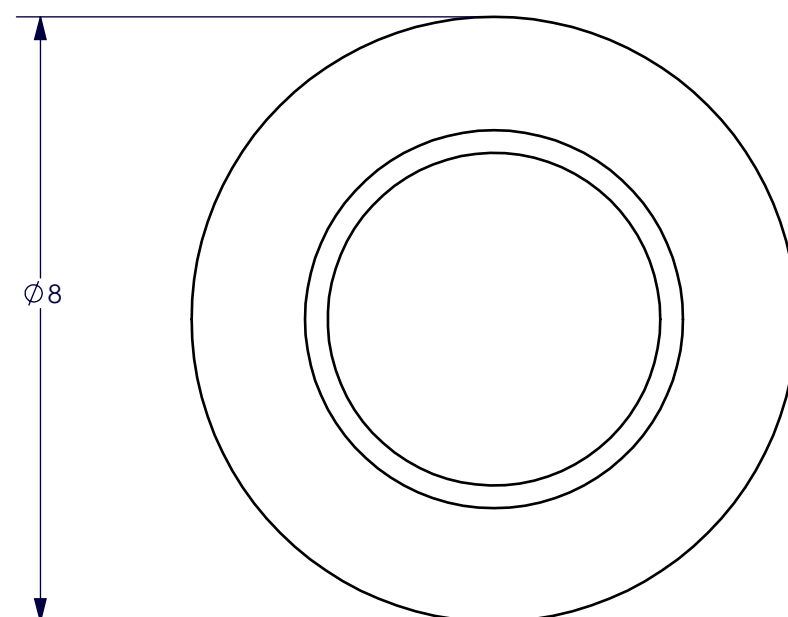
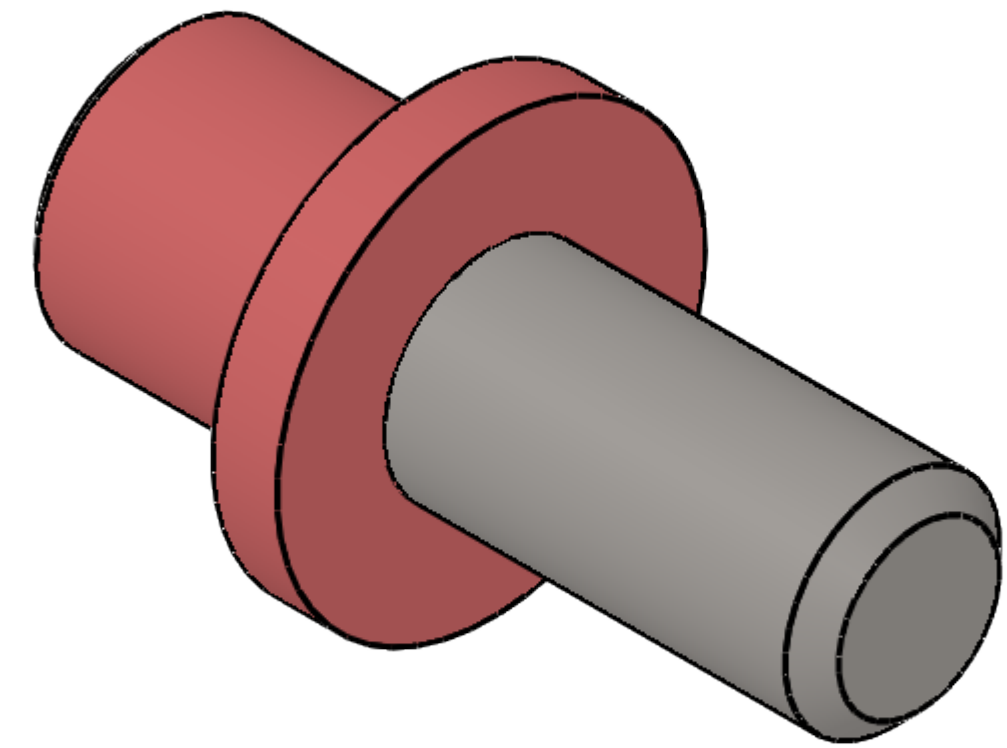
DO NOT SCALE DRAWING

SHEET 3 OF 4

INTERNAL:

PLM status: Production

EPDM CLR VER
EPDM REL VER



MATERIAL: 304SS
FINISH: ELECTROPOLISHING + PASSIVATION

General Tolerances for linear and angular dimensions					
Linear dimensions	up to 10	over 10 up to 50	over 50 up to 120	over 120 up to 400	over 400
Permissible linear deviations	±0.05	±0.1	±0.15	±0.2	±0.3
Permissible angular deviations	±1°	±0°30'	±0°20'	±0°10'	±0°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

LOWER BEARING SHAFT

SIZE	SCALE	DWG. NO.	REV.
C	10:1	20097832	B
DO NOT SCALE DRAWING			SHEET 4 OF 4