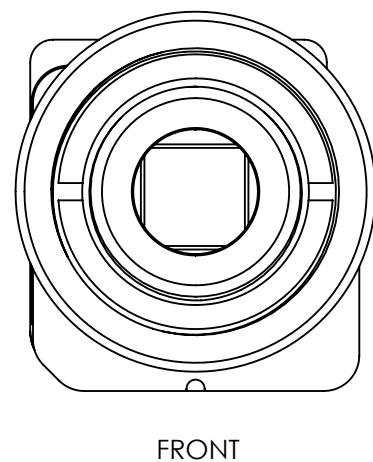
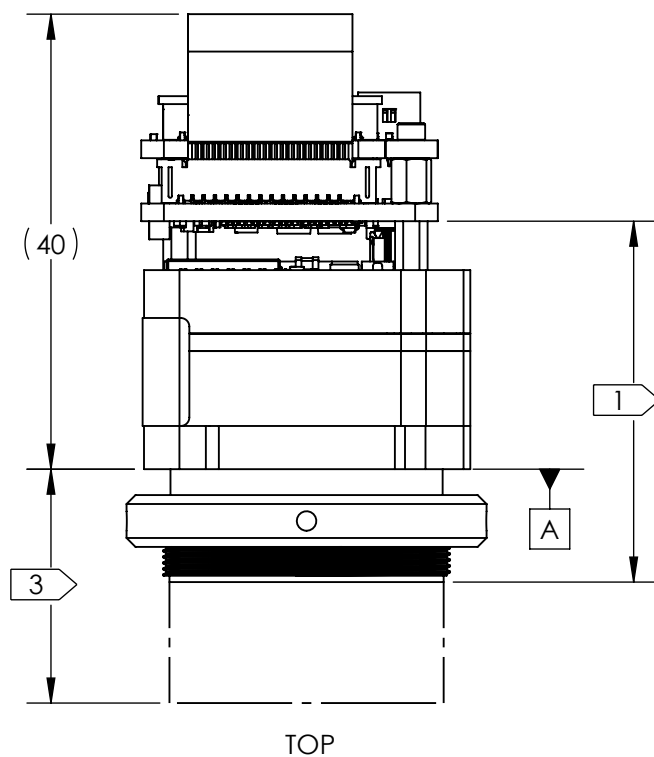


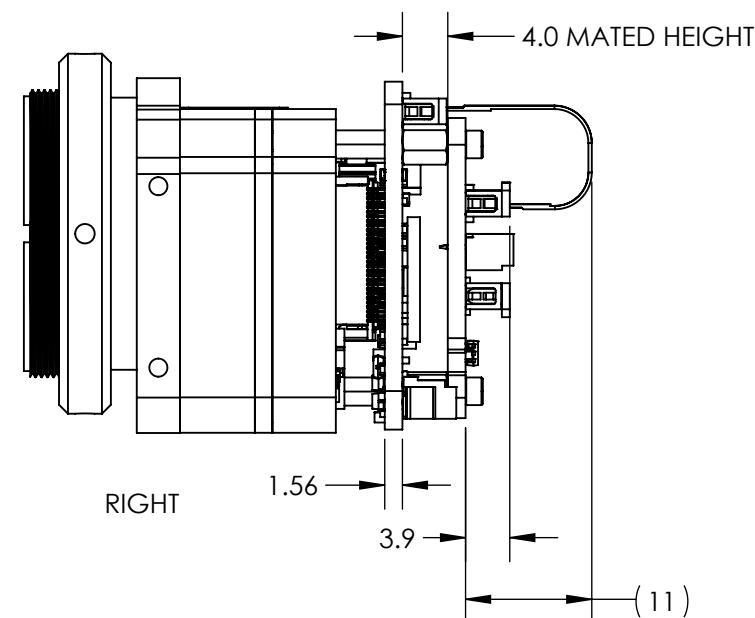
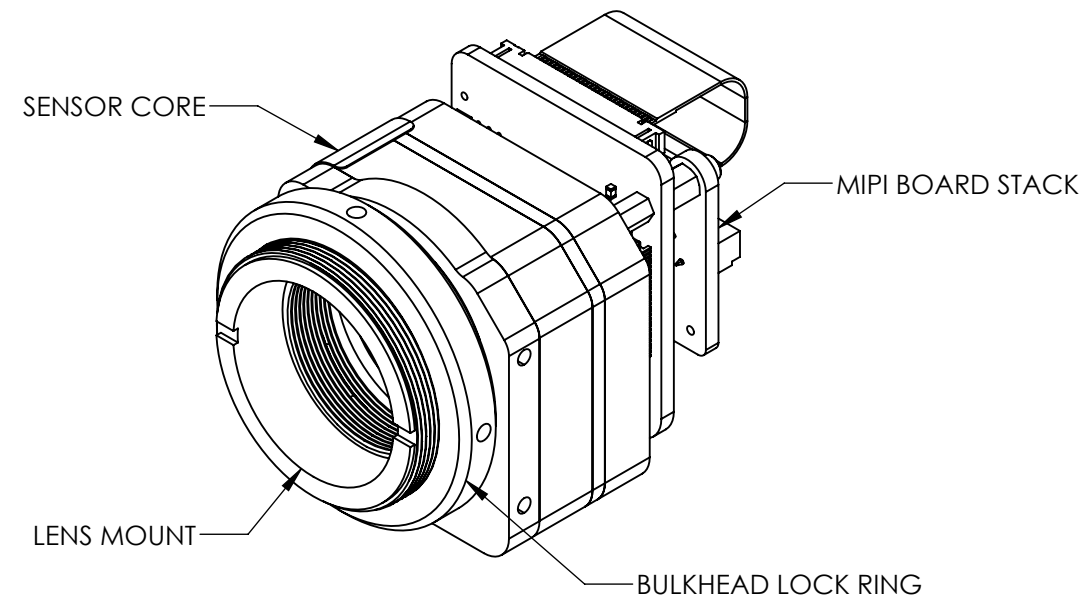
NOTES:

- 1. REFER TO DRS MECHANICAL ICD, 1036965 TENUM 1280 MECHANICAL ICD, FOR DETAILED SENSOR CORE DIMENSIONS AND MOUNTING INFO
- 2. ESTIMATED POWER DRAW IS 2.0W STEADY-STATE. CONDUCTIVE OR CONVECTIVE THERMAL DISSIPATION IS RECOMMENDED.
- 3. SEE SHEET 5 TABLE 1 FOR CONFIGURATIONS, LENS POSITION RELATIVE TO CAMERA BODY WILL VARY WITH FOCUS.
- 4. FOR ADDITIONAL CONNECTOR INFORMATION REFERENCE ELECTRICAL ICD DOC 20-70060
- 5. OUTSIDE BOARD DIMENSION AND HOLE LOCATION TOLERANCE: +/- 0.13 MM
- 6. APPROX MASS: SOT1 MIPI BOARDS AND HARDWARE 8g

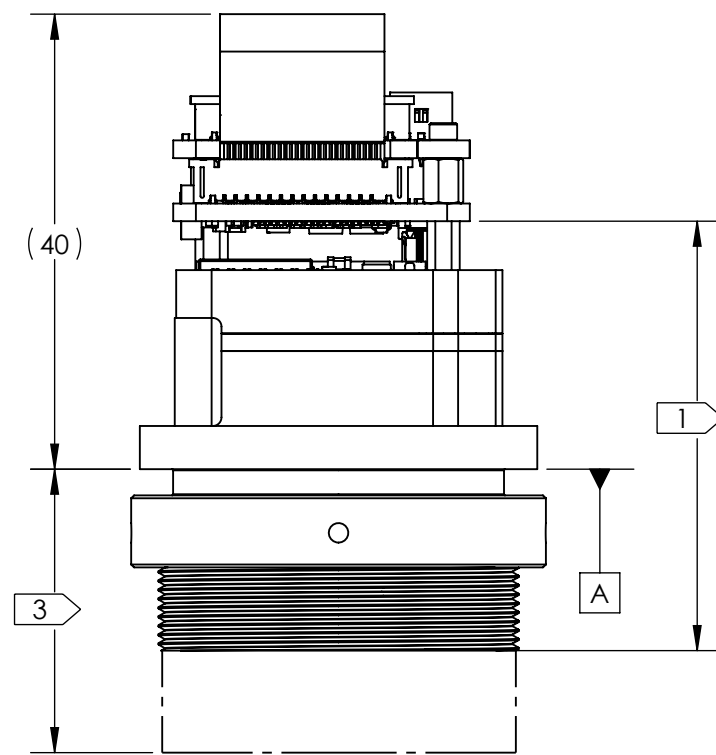
REVISIONS					
ZONE	REV.	DESCRIPTION	ECO	DATE	ENGINEER
	A	INITIAL RELEASE	1762	2024-06-13	M. SCOTT
	B	ECO 1966 - Updated Table 1 to be -M00 PNs 1911 - corrected focal length of 1027621-LH to be 8.7mm	1966, 1911	2026-03-04	C. JOHNSON



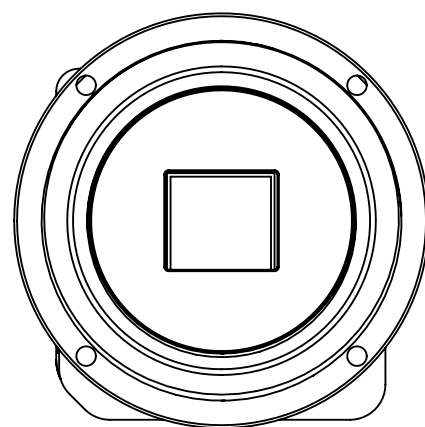
M19 LENS MOUNT



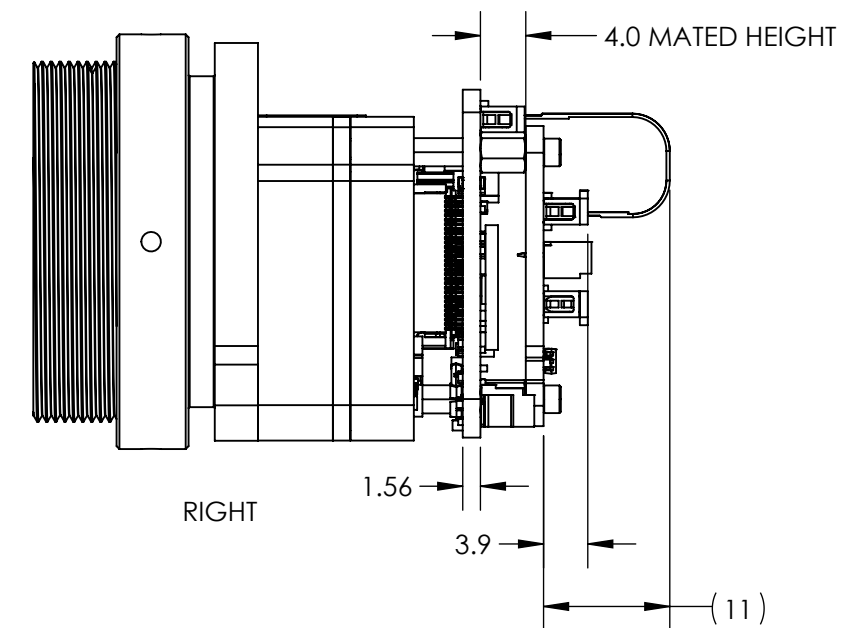
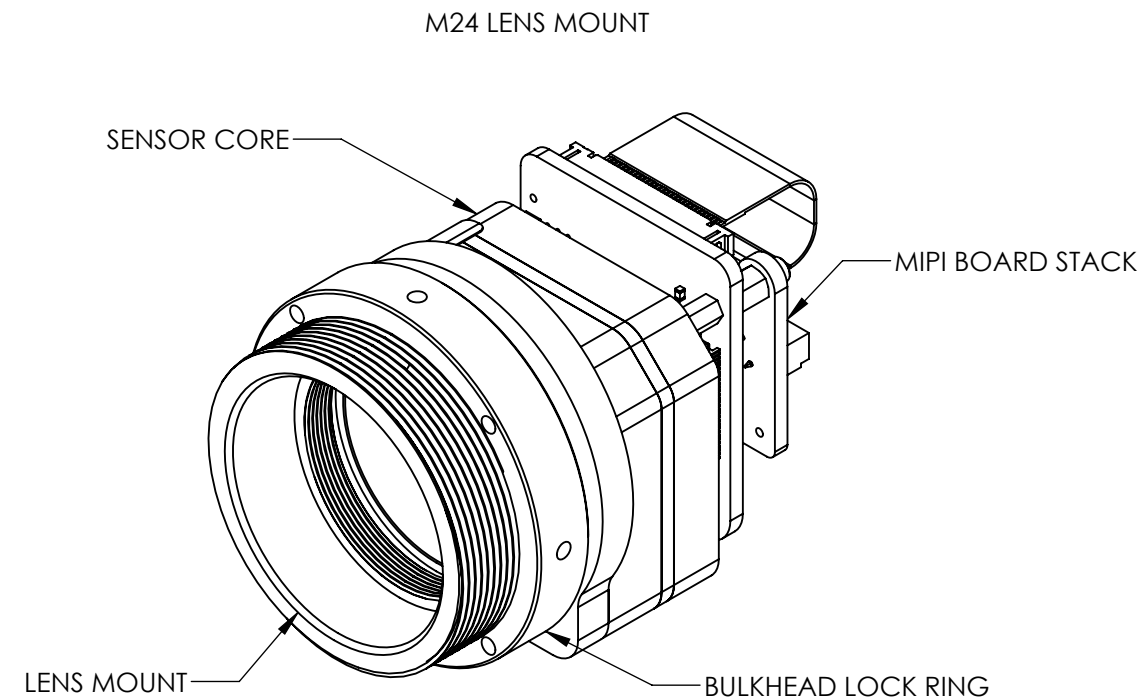
Product Export Classification Control Number(ECCN): 60/30Hz 6A003.b.4.b 9Hz: 6A993  This document does not contain export-controlled technology.	UNLESS OTHERWISE SPECIFIED DIM ARE IN MILLIMETERS		<b>PROPRIETARY AND CONFIDENTIAL</b> THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SIERRA OLYMPIA TECHNOLOGIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SIERRA OLYMPIA TECHNOLOGIES, INC. IS PROHIBITED.	<b>SIERRA-OLYMPIA TECHNOLOGIES INC.</b>				
	X ± 2.5 mm X.X ± 0.3 mm X.XX ± 0.13 mm	ANGLES X ± 1° X.X ± 0.5°				DESCRIPTION: Mechanical ICD, Viento 10 MIPI		
	THIRD ANGLE PROJECTION			MATERIAL: N/A		SIZE <b>B</b>	DRAWN BY: M. SCOTT	SHEET 1 OF 5
				FINISH: N/A		DRAWING NUMBER: 20-70062		Rev. B
DO NOT SCALE DRAWING		CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY THE 3D CAD PART FILE.						



TOP



FRONT



RIGHT

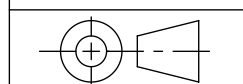
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60/30Hz 6A003.b.4.b  
9Hz: 6A993

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contain export-controlled  
technology.

UNLESS OTHERWISE SPECIFIED  
DIM ARE IN MILLIMETERS

X ± 2.5 mm	ANGLES
X.X ± 0.3 mm	X ± 1°
X.XX ± 0.13 mm	X.X ± 0.5°

THIRD ANGLE PROJECTION



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MATERIAL: N/A

FINISH: N/A

CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY THE 3D CAD PART FILE.



DESCRIPTION:  
Mechanical ICD, Viento 10 MIPI

SIZE <b>B</b>	DRAWN BY: M. SCOTT	SHEET 2 OF 5
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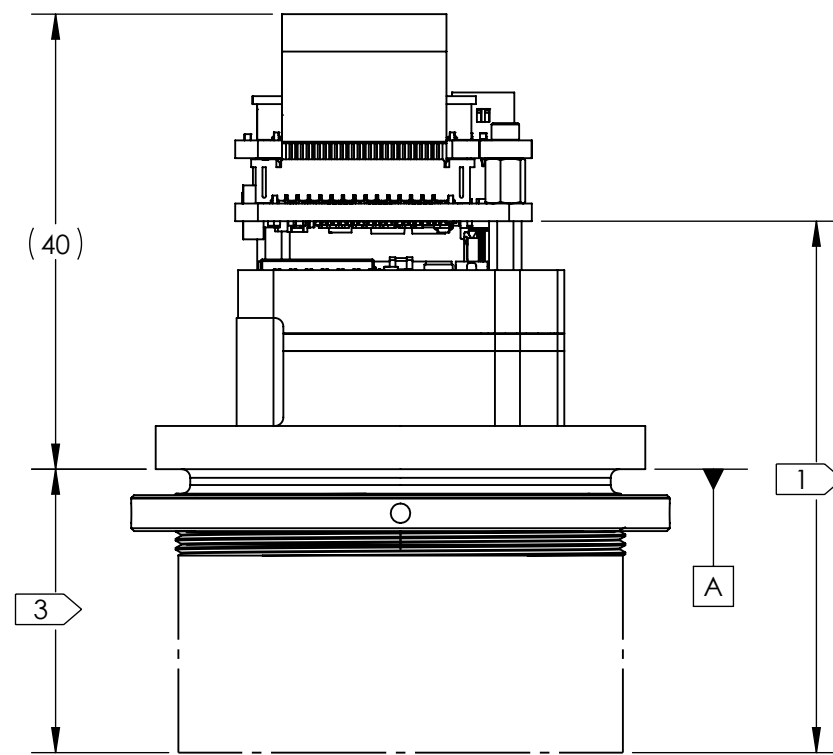
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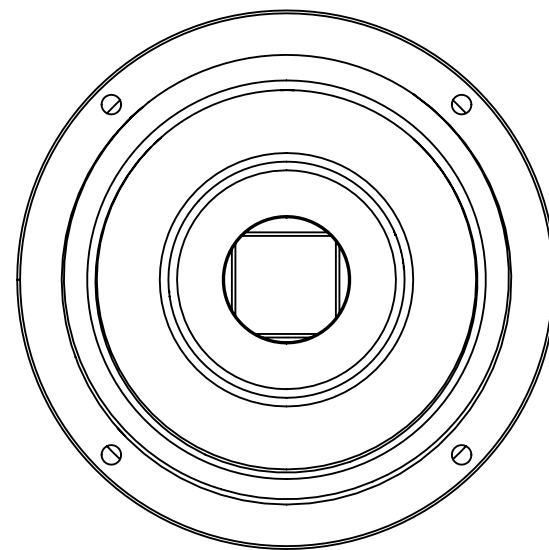
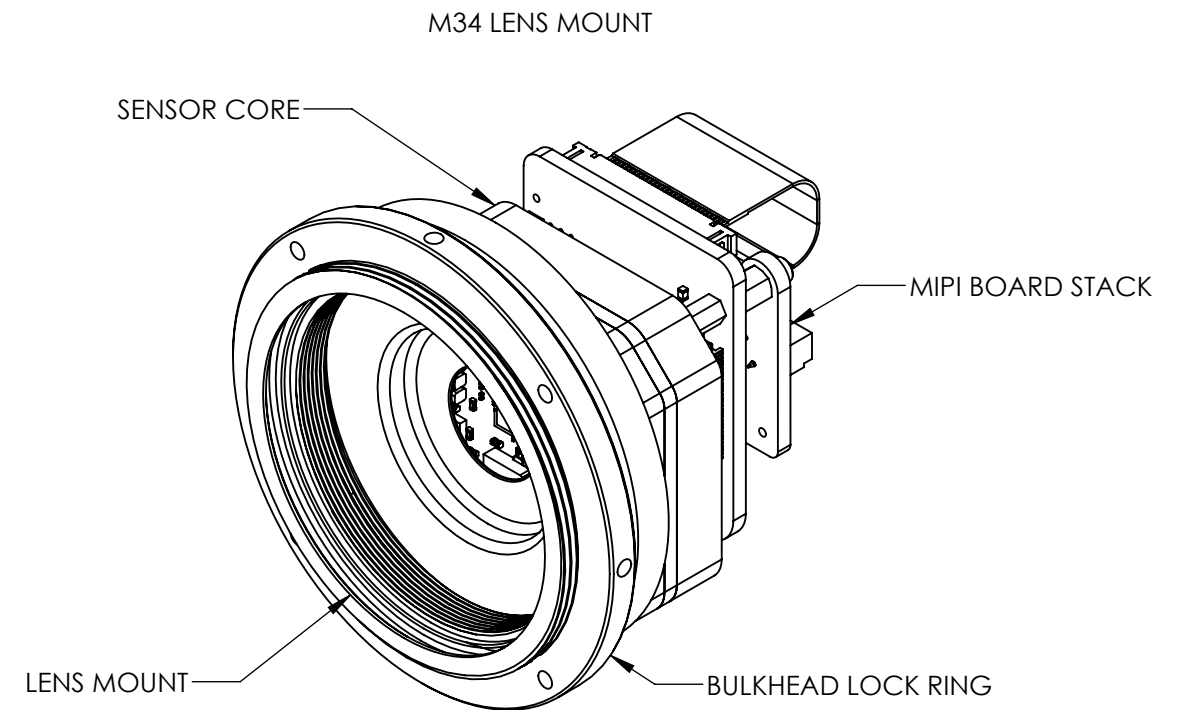
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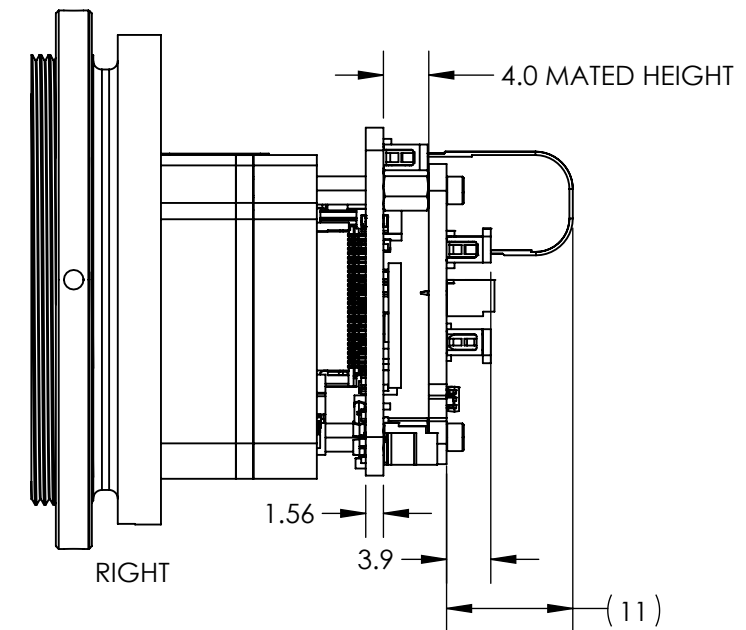
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TOP



FRONT



RIGHT

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	X ± 2.5 mm X.X ± 0.3 mm X.XX ± 0.13 mm	ANGLES X ± 1° X.X ± 0.5°				MATERIAL: N/A		
	THIRD ANGLE PROJECTION 			FINISH: N/A		SIZE <b>B</b>	DRAWN BY: M. SCOTT	SHEET 3 OF 5
	DO NOT SCALE DRAWING			CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY THE 3D CAD PART FILE.		DRAWING NUMBER: 20-70062		Rev. B

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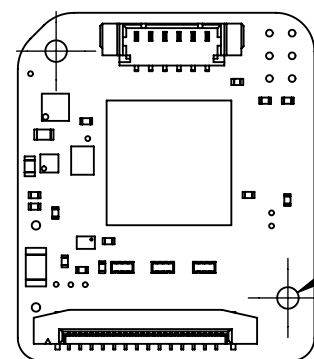
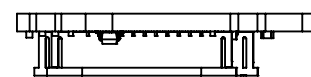
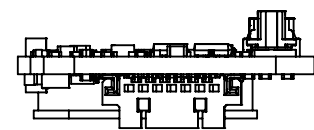
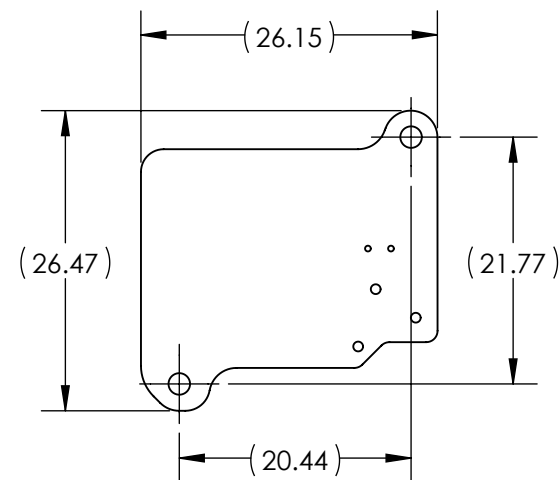
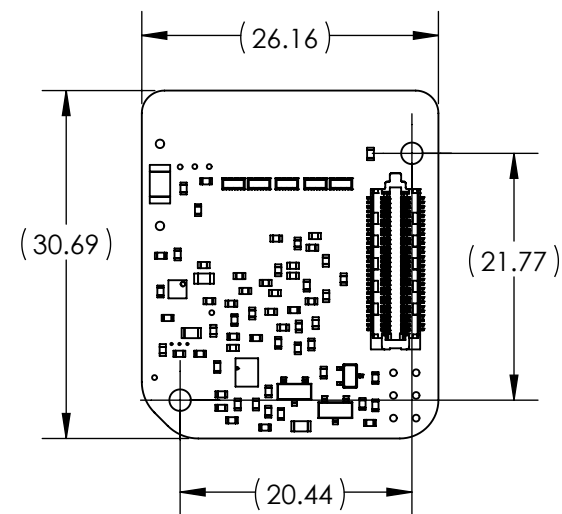
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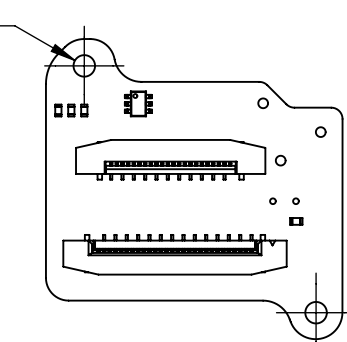
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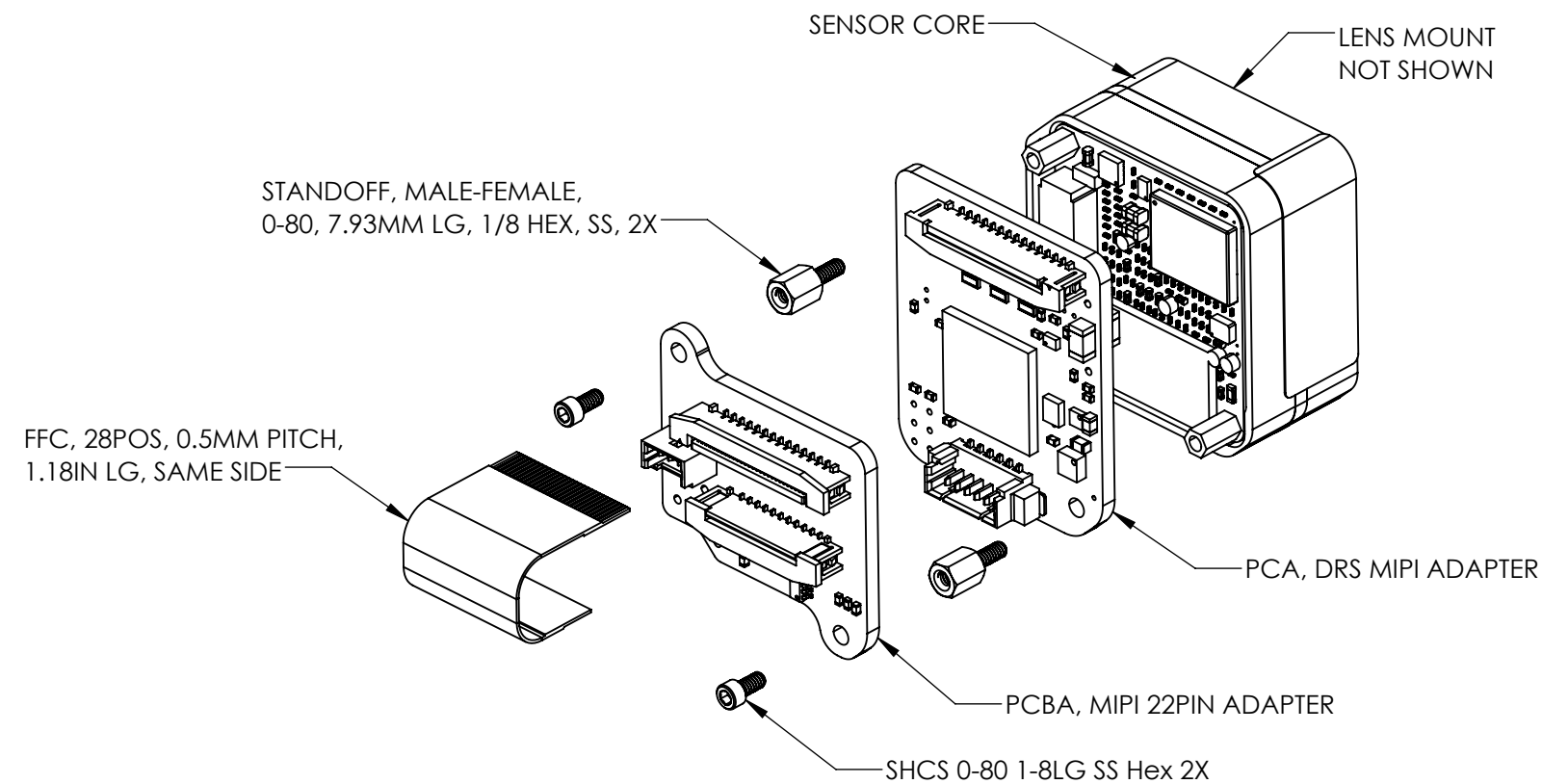
2X Ø 1.90 THRU

2X Ø 1.90 THRU

PCA, DRS MIPI ADAPTER  
APPROX. MASS: 5 g



PCBA, MIPI 22PIN ADAPTER  
APPROX. MASS: 3 g

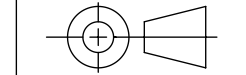


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X ± 2.5 mm	ANGLES X ± 1°
X.X ± 0.3 mm	X.X ± 0.5°
X.XX ± 0.13 mm	

THIRD ANGLE PROJECTION



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MATERIAL: N/A

FINISH: N/A

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DESCRIPTION: Mechanical ICD, Viento 10 MIPI

SIZE	DRAWN BY:	SHEET 4 OF 5
<b>B</b>	M. SCOTT	

DRAWING NUMBER:	Rev. B
20-70062	

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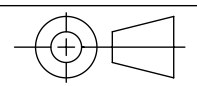
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TABLE 1

PART NUMBER	DESCRIPTION	LENS MOUNT	TOTAL MASS, INCLUDING BOARDS (g)	SEE DRS ICD FOR LENS DIMENSIONS
SL-T5-6628-A10-M00	Viento 10 MIPI, 640 x 512, 10 deg HFOV, 35mm, 60Hz	M34	145	1027621-L1#0
SL-T5-6618-A12-M00	Viento 10 MIPI, 640 x 512, 12 deg HFOV, 30mm, 60Hz	M24	83	1027621-LD#0
SL-T5-6608-A18-M00	Viento 10 MIPI, 640 x 512, 18 deg HFOV, 20mm, 60Hz	M19	56	1027621-L3#0
SL-T5-6608-A25-M00	Viento 10 MIPI, 640 x 512, 25 deg HFOV, 15mm, 60Hz	M19	53	1027621-L6#0
SL-T5-6618-A40-M00	Viento 10 MIPI, 640 x 512, 40 deg HFOV, 8.7mm, 60Hz	M24	66	1027621-LH#0
SL-T5-6608-A50-M00	Viento 10 MIPI, 640 x 512, 50 deg HFOV, 7.7mm, 60Hz	M19	48	1027621-LA#0
SL-T5-6608-A70-M00	Viento 10 MIPI, 640 x 512, 70 deg HFOV, 5.5mm, 60Hz	M19	50	1027621-LM#0
SL-T5-6608-A90-M00	Viento 10 MIPI, 640 x 512, 90 deg HFOV, 4.3mm, 60Hz	M19	51	1027621-LN#0
SL-T5-6628-N10-M00	Viento 10 MIPI, 640 x 512, 10 deg HFOV, NO LENS, 60Hz	M34	43	1027621-O1#0
SL-T5-6608-N18-M00	Viento 10 MIPI, 640 x 512, 18 deg HFOV, NO LENS, 60Hz	M19	38	1027621-O3#0
SL-T5-6608-N25-M00	Viento 10 MIPI, 640 x 512, 25 deg HFOV, NO LENS, 60Hz	M19	38	1027621-O6#0
SL-T5-6618-N40-M00	Viento 10 MIPI, 640 x 512, 40 deg HFOV, NO LENS, 60Hz	M24	49	1027621-OH#0
SL-T5-6608-N50-M00	Viento 10 MIPI, 640 x 512, 50 deg HFOV, NO LENS, 60Hz	M19	38	1027621-OA#0
SL-T5-6608-N70-M00	Viento 10 MIPI, 640 x 512, 70 deg HFOV, NO LENS, 60Hz	M19	38	1027621-OM#0
SL-T5-6608-N90-M00	Viento 10 MIPI, 640 x 512, 90 deg HFOV, NO LENS, 60Hz	M19	38	1027621-ON#0
SL-T5-6928-A10-M00	Viento 10 MIPI, 640 x 512, 10 deg HFOV, 35mm, 9Hz	M34	145	1027621-L1#0
SL-T5-6918-A12-M00	Viento 10 MIPI, 640 x 512, 12 deg HFOV, 30mm, 9Hz	M24	83	1027621-LD#0
SL-T5-6908-A18-M00	Viento 10 MIPI, 640 x 512, 18 deg HFOV, 20mm, 9Hz	M19	56	1027621-L3#0
SL-T5-6908-A25-M00	Viento 10 MIPI, 640 x 512, 25 deg HFOV, 15mm, 9Hz	M19	53	1027621-L6#0
SL-T5-6918-A40-M00	Viento 10 MIPI, 640 x 512, 40 deg HFOV, 8.7mm, 9Hz	M24	66	1027621-LH#0
SL-T5-6908-A50-M00	Viento 10 MIPI, 640 x 512, 50 deg HFOV, 7.7mm, 9Hz	M19	48	1027621-LA#0
SL-T5-6908-A70-M00	Viento 10 MIPI, 640 x 512, 70 deg HFOV, 5.5mm, 9Hz	M19	50	1027621-LM#0
SL-T5-6908-A90-M00	Viento 10 MIPI, 640 x 512, 90 deg HFOV, 4.3mm, 9Hz	M19	51	1027621-LN#0
SL-T5-6928-N10-M00	Viento 10 MIPI, 640 x 512, 10 deg HFOV, NO LENS, 9Hz	M34	43	1027621-O1#0
SL-T5-6908-N18-M00	Viento 10 MIPI, 640 x 512, 18 deg HFOV, NO LENS, 9Hz	M19	38	1027621-O3#0
SL-T5-6908-N25-M00	Viento 10 MIPI, 640 x 512, 25 deg HFOV, NO LENS, 9Hz	M19	38	1027621-O6#0
SL-T5-6918-N40-M00	Viento 10 MIPI, 640 x 512, 40 deg HFOV, NO LENS, 9Hz	M24	49	1027621-OH#0
SL-T5-6908-N50-M00	Viento 10 MIPI, 640 x 512, 50 deg HFOV, NO LENS, 9Hz	M19	38	1027621-OA#0
SL-T5-6908-N70-M00	Viento 10 MIPI, 640 x 512, 70 deg HFOV, NO LENS, 9Hz	M19	38	1027621-OM#0
SL-T5-6908-N90-M00	Viento 10 MIPI, 640 x 512, 90 deg HFOV, NO LENS, 9Hz	M19	38	1027621-ON#0

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	X ± 2.5 mm X.X ± 0.3 mm X.XX ± 0.13 mm	ANGLES X ± 1° X.X ± 0.5°			SIZE <b>B</b>	DRAWN BY: M. SCOTT	SHEET 5 OF 5
	THIRD ANGLE PROJECTION				DRAWING NUMBER: 20-70062		Rev. B
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