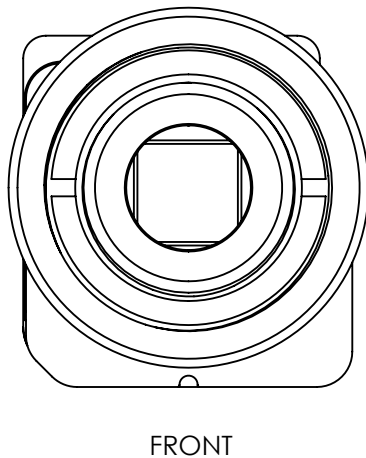
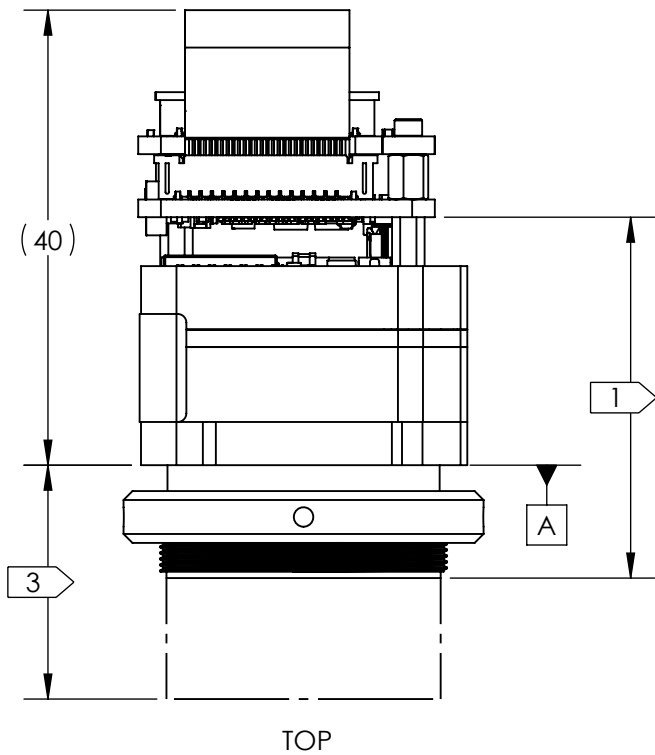
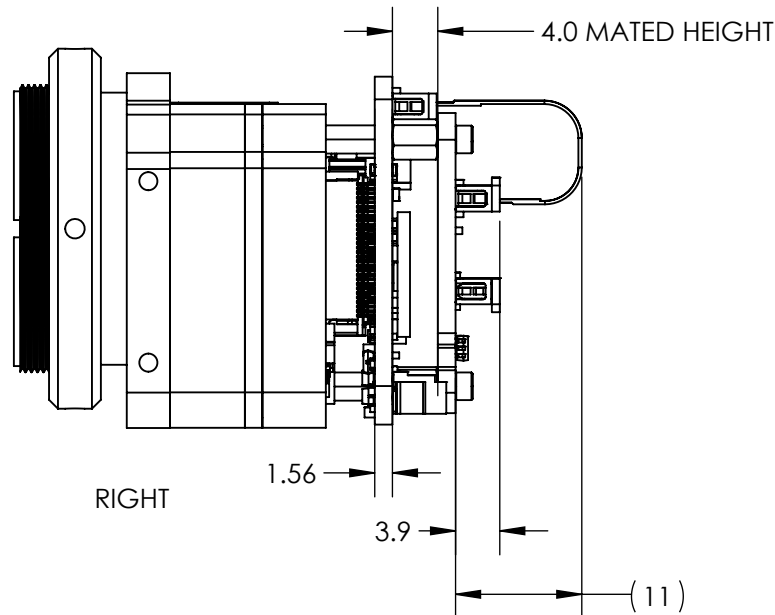
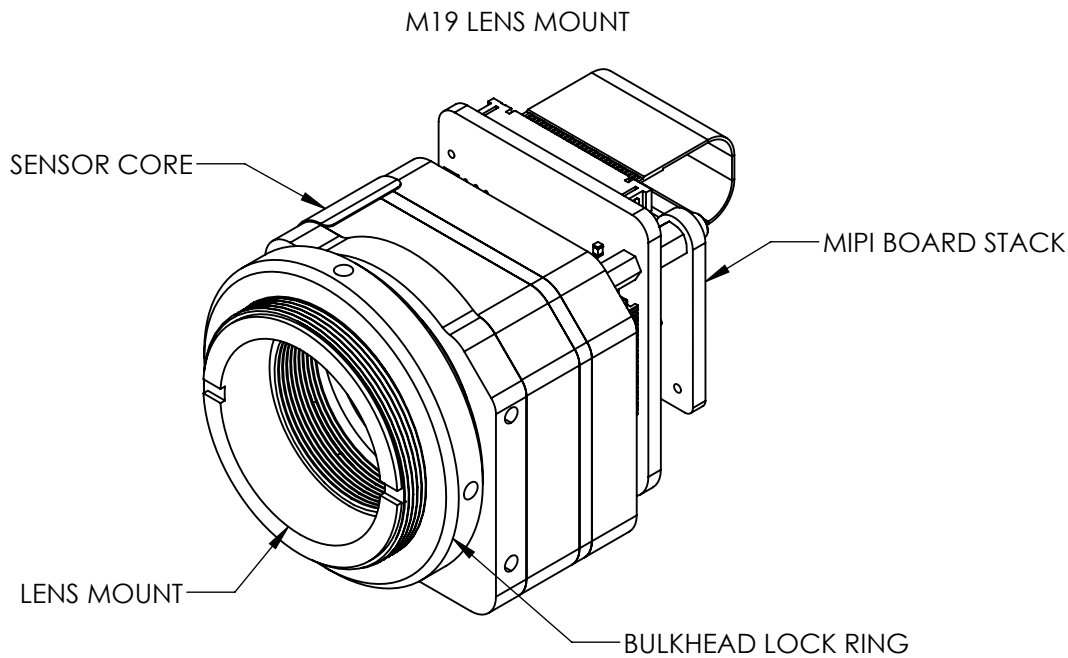


NOTES:

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
	A	INITIAL RELEASE		1762	2024-06-13
				ENGINEER	M. SCOTT



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		
X ± 2.5 mm	ANGLES	
X.X ± 0.3 mm	X ± 1°	
X.XX ± 0.13 mm	X.X ± 0.5°	
THIRD ANGLE PROJECTION		
DO NOT SCALE DRAWING		

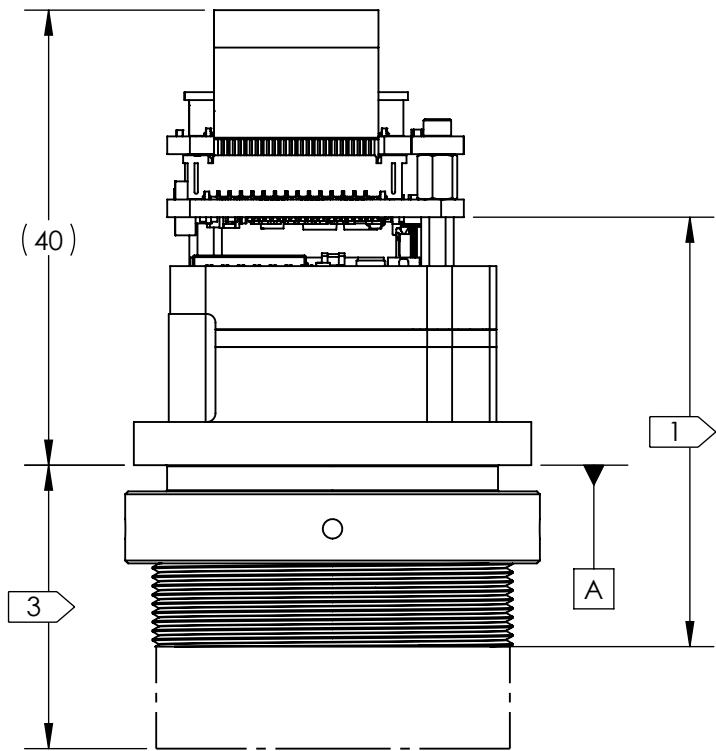
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MATERIAL:
N/A

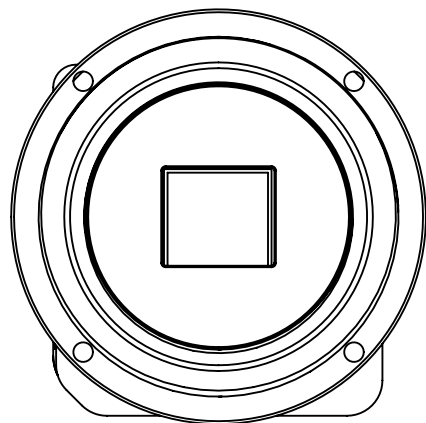
FINISH:
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CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY
THE 3D CAD PART FILE.

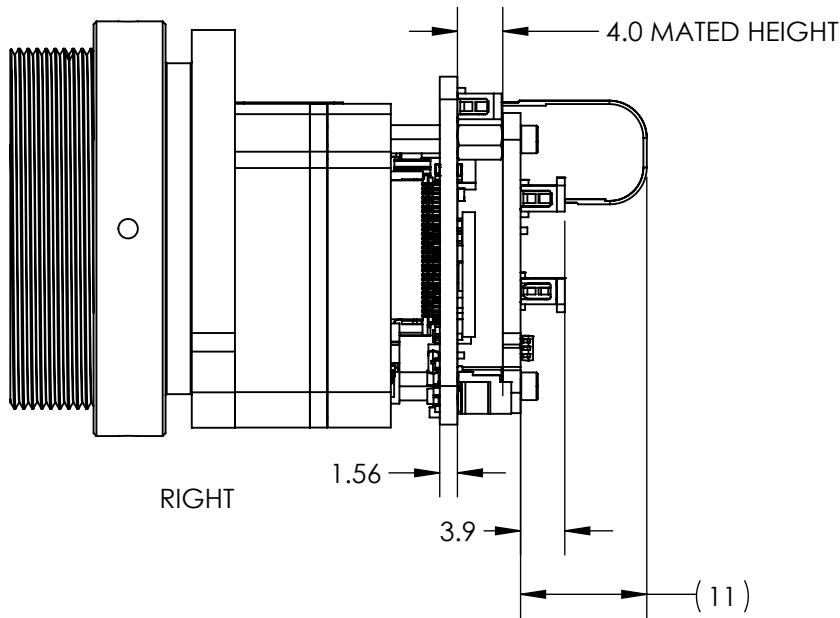
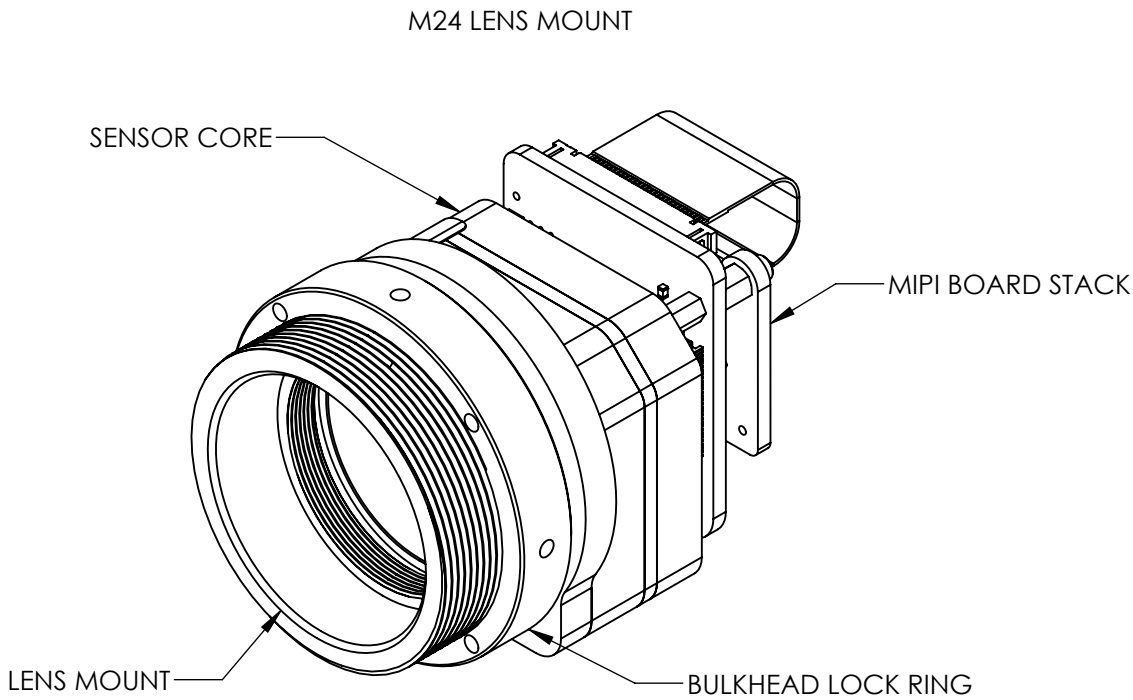
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SIZE B	DRAWN BY: M. SCOTT	SHEET 1 OF 5
DRAWING NUMBER: 20-70062		Rev. A



TOP



FRONT



RIGHT

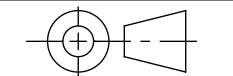
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9Hz: 6A993

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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



DO NOT SCALE DRAWING

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MATERIAL:
N/A

FINISH:
N/A

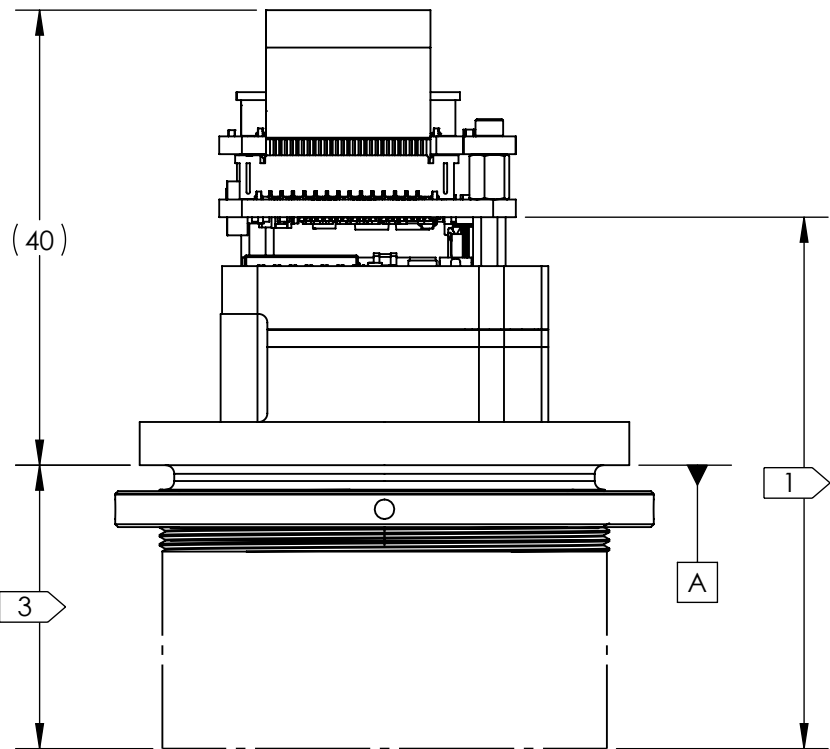
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THE 3D CAD PART FILE.

 **SIERRA-OLYMPIA**
TECHNOLOGIES INC.

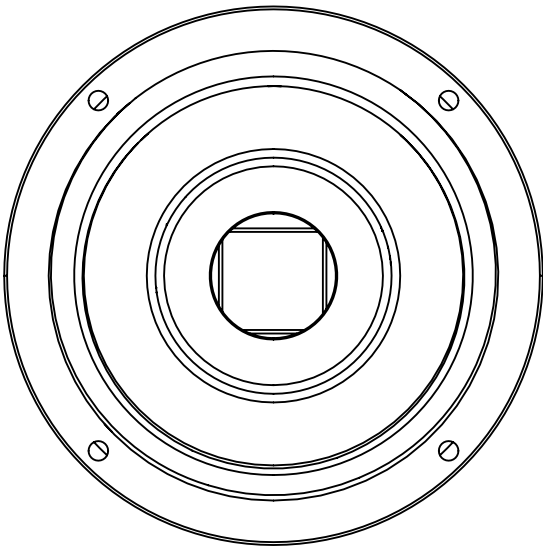
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Mechanical ICD, Viento 10 MIPI

SIZE B	DRAWN BY: M. SCOTT	SHEET 2 OF 5
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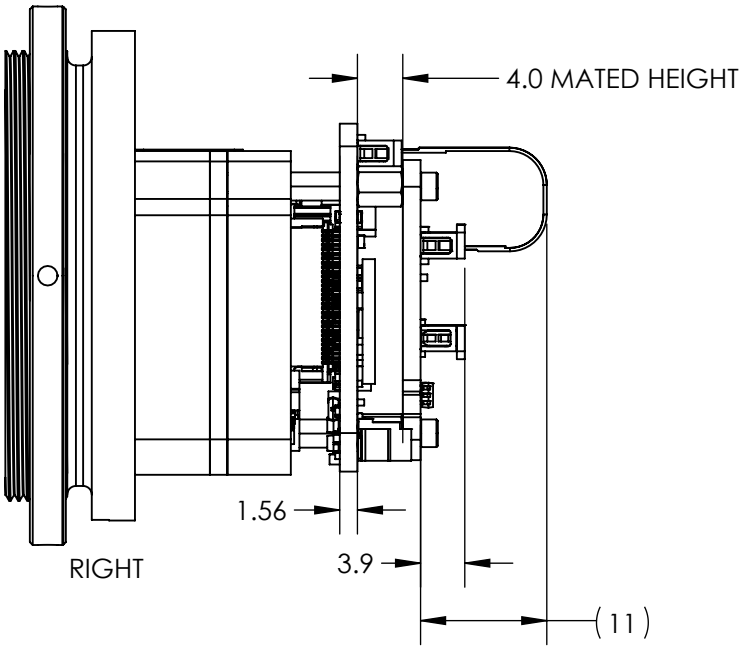
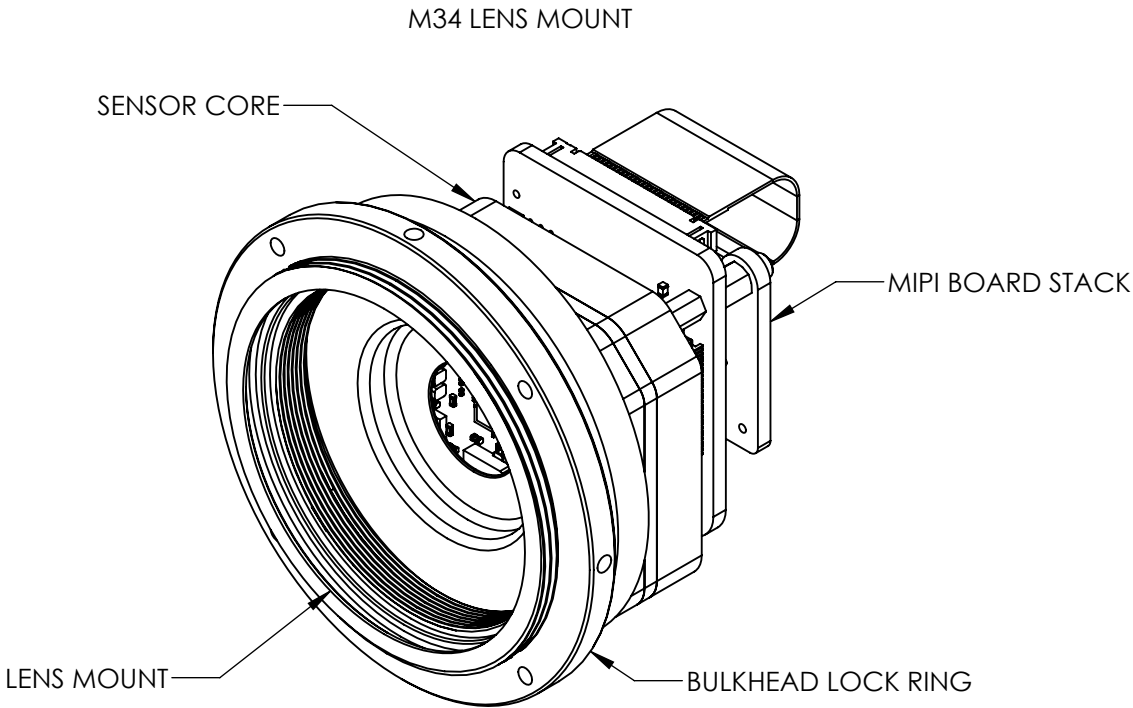
DRAWING NUMBER: 20-70062	Rev. A
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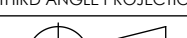
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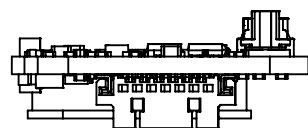
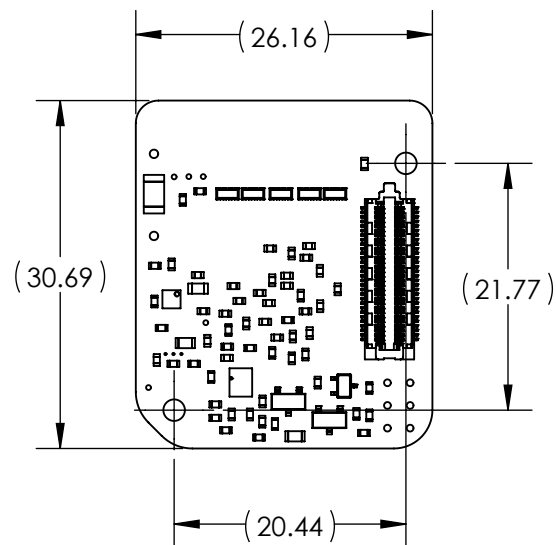


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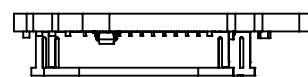
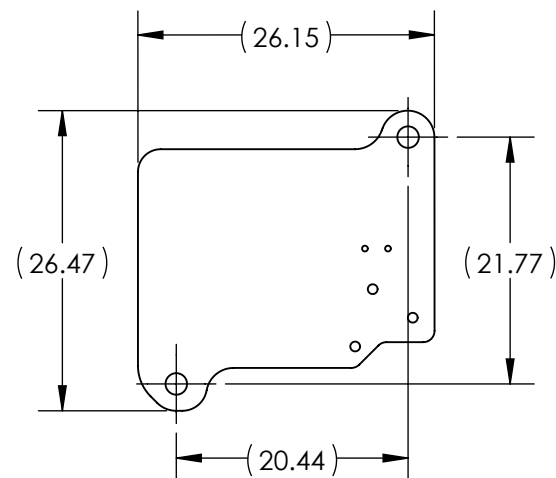


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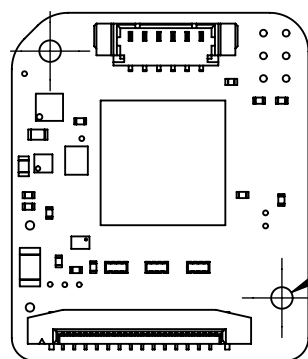
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	X ± 2.5 mm	ANGLES							
	X.X ± 0.3 mm	X ± 1°							
	X.XX ± 0.13 mm	X.X ± 0.5°							
	THIRD ANGLE PROJECTION		MATERIAL: N/A		SIZE		DRAWN BY: M. SCOTT		SHEET 3 OF 5
		FINISH: N/A		DRAWING NUMBER: 20-70062		Rev. A			
DO NOT SCALE DRAWING		CAD CONTROLLED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



PCA, DRS MIPI ADAPTER
APPROX. MASS: 5 g

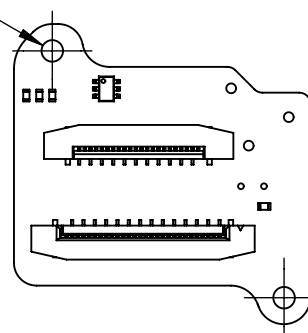


PCBA, MIPI 22PIN ADAPTER
APPROX. MASS: 3 g



2X Ø 1.90 THRU

2X Ø 1.90 THRU



FFC, 28POS, 0.5MM PITCH,
1.18IN LG, SAME SIDE

STANDOFF, MALE-FEMALE,
0-80, 7.93MM LG, 1/8 HEX, SS, 2X

SENSOR CORE

LENS MOUNT
NOT SHOWN

PCA, DRS MIPI ADAPTER

PCBA, MIPI 22PIN ADAPTER

SHCS 0-80 1-8LG SS Hex 2X

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		PROPRIETARY AND CONFIDENTIAL 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.		SIERRA-OLYMPIA TECHNOLOGIES INC.	
	X ± 2.5 mm	ANGLES X.X ± 0.3 mm	X ± 1°			
	X.XX ± 0.13 mm	X.XX ± 0.13 mm	X.X ± 0.5°			
	THIRD ANGLE PROJECTION		MATERIAL: N/A		DESCRIPTION: Mechanical ICD, Viento 10 MIPI	
			FINISH: N/A		SIZE B	DRAWN BY: M. SCOTT
DO NOT SCALE DRAWING		CAD CONTROLLED PART. THE NOMINAL PART GEOMETRY IS CONTROLLED BY THE 3D CAD PART FILE.		DRAWING NUMBER: 20-70062		Rev. A

4		3		2		1	
TABLE 1							
PART NUMBER	DESCRIPTION		LENS MOUNT	TOTAL MASS, INCLUDING BOARDS (g)	SEE DRS ICD FOR LENS DIMENSIONS		
SL-T5-6628-A10	Viento 10 MIPI, 640 x 512, 10 deg HFOV, 35mm, 60Hz		M34	145	1027621-L1#0		
SL-T5-6618-A12	Viento 10 MIPI, 640 x 512, 12 deg HFOV, 30mm, 60Hz		M24	83	1027621-LD#0		
SL-T5-6608-A18	Viento 10 MIPI, 640 x 512, 18 deg HFOV, 20mm, 60Hz		M19	56	1027621-L3#0		
SL-T5-6608-A25	Viento 10 MIPI, 640 x 512, 25 deg HFOV, 15mm, 60Hz		M19	53	1027621-L6#0		
SL-T5-6618-A40	Viento 10 MIPI, 640 x 512, 40 deg HFOV, 9.3mm, 60Hz		M24	66	1027621-LH#0		
SL-T5-6608-A50	Viento 10 MIPI, 640 x 512, 50 deg HFOV, 7.7mm, 60Hz		M19	48	1027621-LA#0		
SL-T5-6608-A70	Viento 10 MIPI, 640 x 512, 70 deg HFOV, 5.5mm, 60Hz		M19	50	1027621-LM#0		
SL-T5-6608-A90	Viento 10 MIPI, 640 x 512, 90 deg HFOV, 4.3mm, 60Hz		M19	51	1027621-LN#0		
SL-T5-6628-N10	Viento 10 MIPI, 640 x 512, 10 deg HFOV, NO LENS, 60Hz		M34	43	1027621-01#0		
SL-T5-6608-N18	Viento 10 MIPI, 640 x 512, 18 deg HFOV, NO LENS, 60Hz		M19	38	1027621-03#0		
SL-T5-6608-N25	Viento 10 MIPI, 640 x 512, 25 deg HFOV, NO LENS, 60Hz		M19	38	1027621-06#0		
SL-T5-6618-N40	Viento 10 MIPI, 640 x 512, 40 deg HFOV, NO LENS, 60Hz		M24	49	1027621-0H#0		
SL-T5-6608-N50	Viento 10 MIPI, 640 x 512, 50 deg HFOV, NO LENS, 60Hz		M19	38	1027621-0A#0		
SL-T5-6608-N70	Viento 10 MIPI, 640 x 512, 70 deg HFOV, NO LENS, 60Hz		M19	38	1027621-0M#0		
SL-T5-6608-N90	Viento 10 MIPI, 640 x 512, 90 deg HFOV, NO LENS, 60Hz		M19	38	1027621-0N#0		
SL-T5-6928-A10	Viento 10 MIPI, 640 x 512, 10 deg HFOV, 35mm, 9Hz		M34	145	1027621-L1#0		
SL-T5-6918-A12	Viento 10 MIPI, 640 x 512, 12 deg HFOV, 30mm, 9Hz		M24	83	1027621-LD#0		
SL-T5-6908-A18	Viento 10 MIPI, 640 x 512, 18 deg HFOV, 20mm, 9Hz		M19	56	1027621-L3#0		
SL-T5-6908-A25	Viento 10 MIPI, 640 x 512, 25 deg HFOV, 15mm, 9Hz		M19	53	1027621-L6#0		
SL-T5-6918-A40	Viento 10 MIPI, 640 x 512, 40 deg HFOV, 9.3mm, 9Hz		M24	66	1027621-LH#0		
SL-T5-6908-A50	Viento 10 MIPI, 640 x 512, 50 deg HFOV, 7.7mm, 9Hz		M19	48	1027621-LA#0		
SL-T5-6908-A70	Viento 10 MIPI, 640 x 512, 70 deg HFOV, 5.5mm, 9Hz		M19	50	1027621-LM#0		
SL-T5-6908-A90	Viento 10 MIPI, 640 x 512, 90 deg HFOV, 4.3mm, 9Hz		M19	51	1027621-LN#0		
SL-T5-6928-N10	Viento 10 MIPI, 640 x 512, 10 deg HFOV, NO LENS, 9Hz		M34	43	1027621-01#0		
SL-T5-6908-N18	Viento 10 MIPI, 640 x 512, 18 deg HFOV, NO LENS, 9Hz		M19	38	1027621-03#0		
SL-T5-6908-N25	Viento 10 MIPI, 640 x 512, 25 deg HFOV, NO LENS, 9Hz		M19	38	1027621-06#0		
SL-T5-6918-N40	Viento 10 MIPI, 640 x 512, 40 deg HFOV, NO LENS, 9Hz		M24	49	1027621-0H#0		
SL-T5-6908-N50	Viento 10 MIPI, 640 x 512, 50 deg HFOV, NO LENS, 9Hz		M19	38	1027621-0A#0		
SL-T5-6908-N70	Viento 10 MIPI, 640 x 512, 70 deg HFOV, NO LENS, 9Hz		M19	38	1027621-0M#0		
SL-T5-6908-N90	Viento 10 MIPI, 640 x 512, 90 deg HFOV, NO LENS, 9Hz		M19	38	1027621-0N#0		