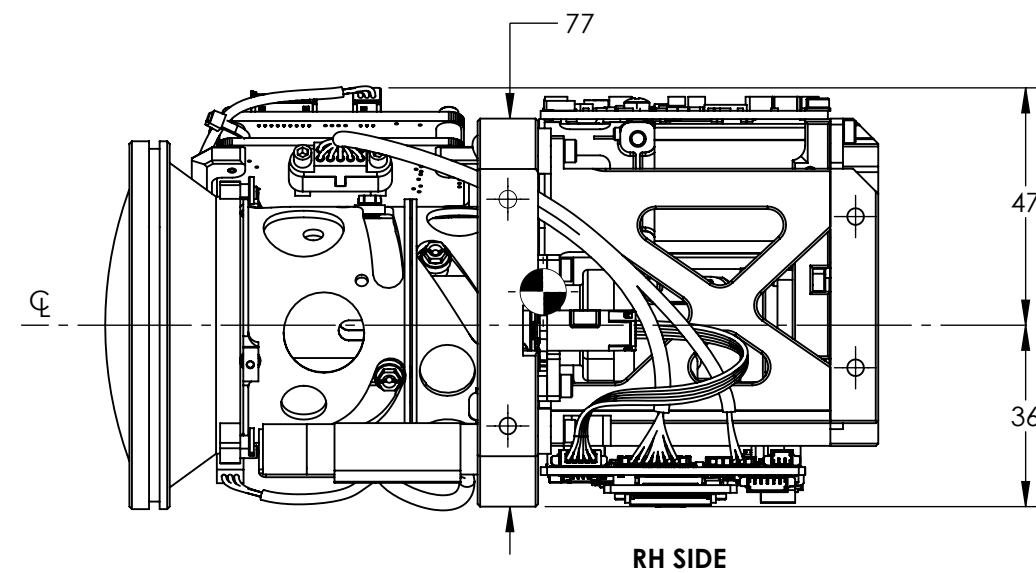
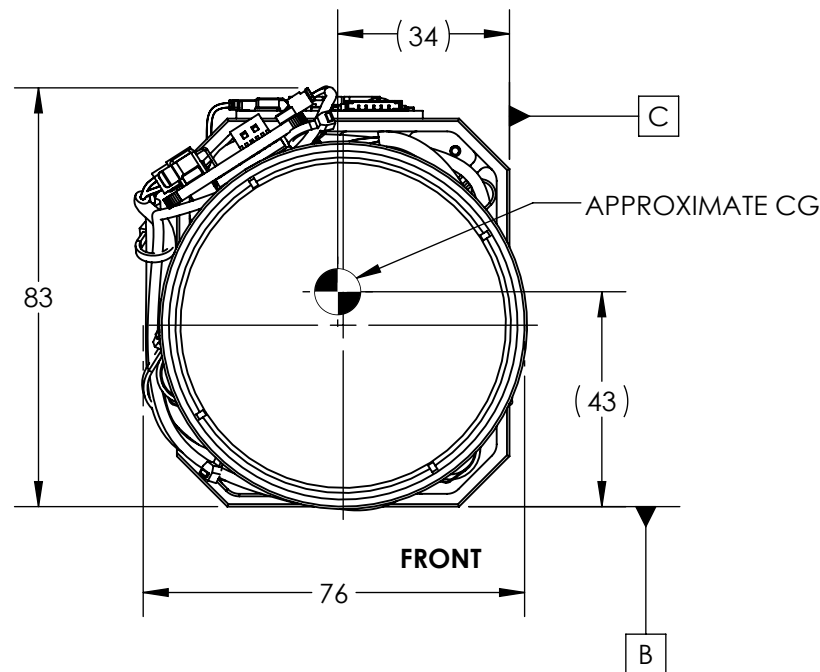
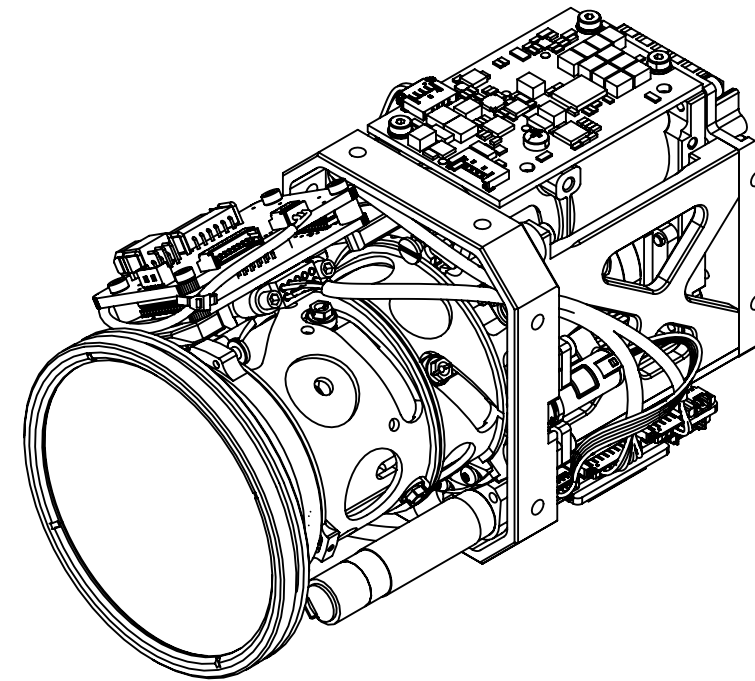
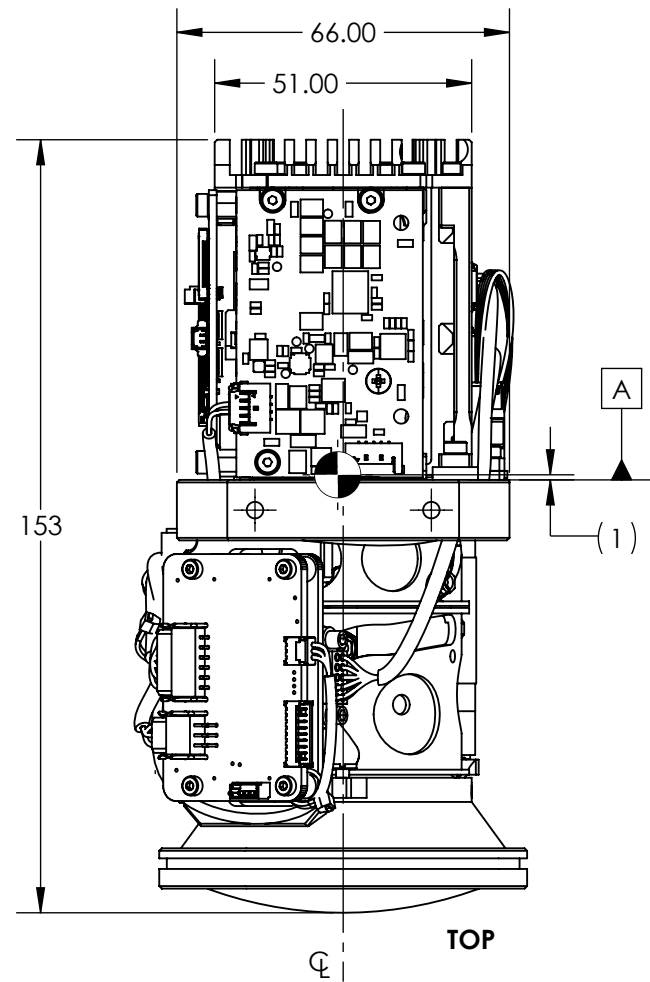


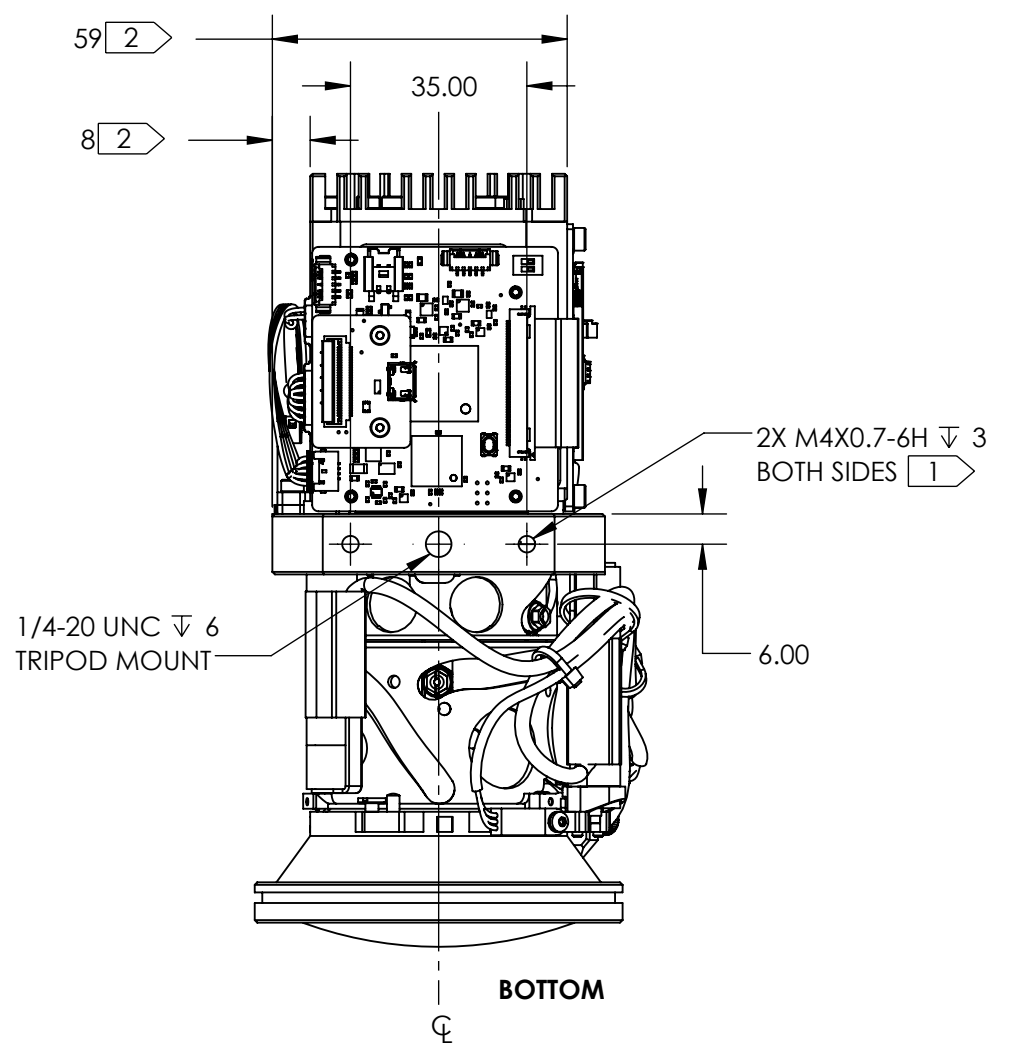
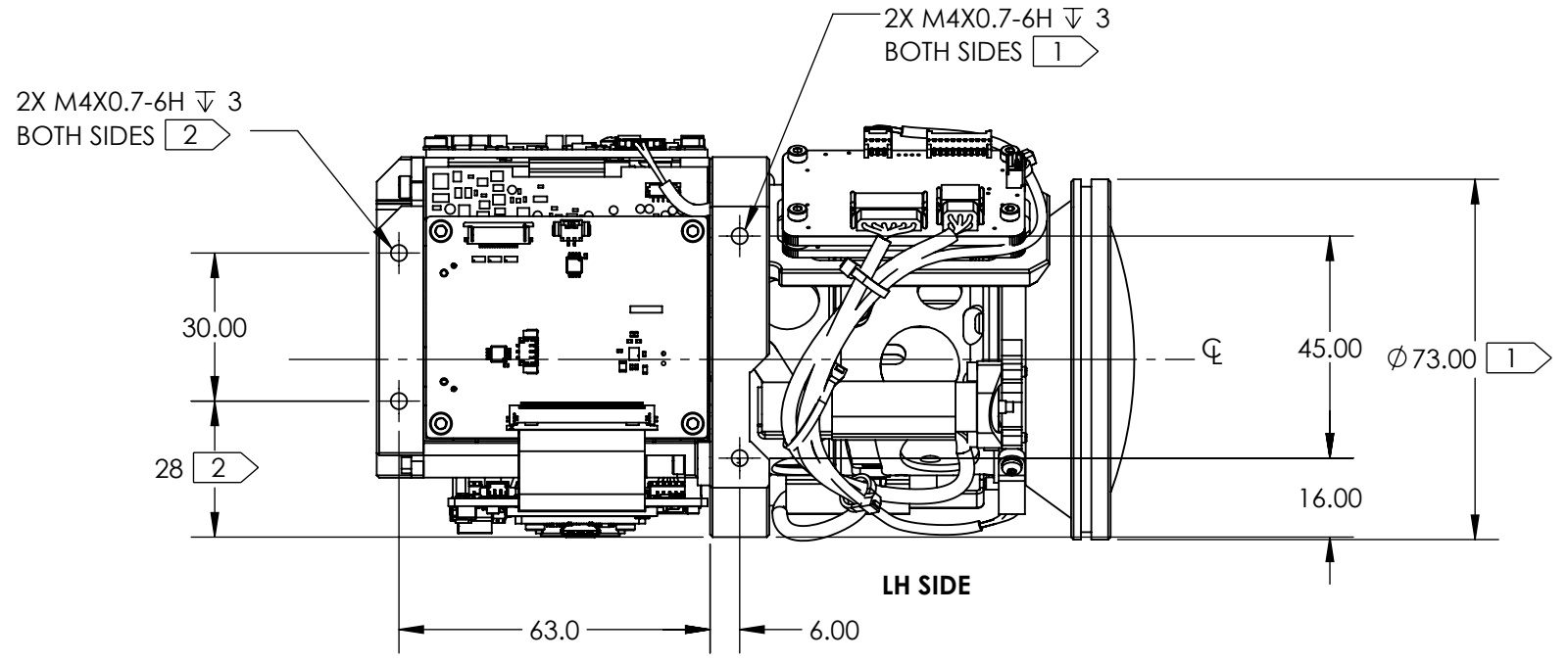
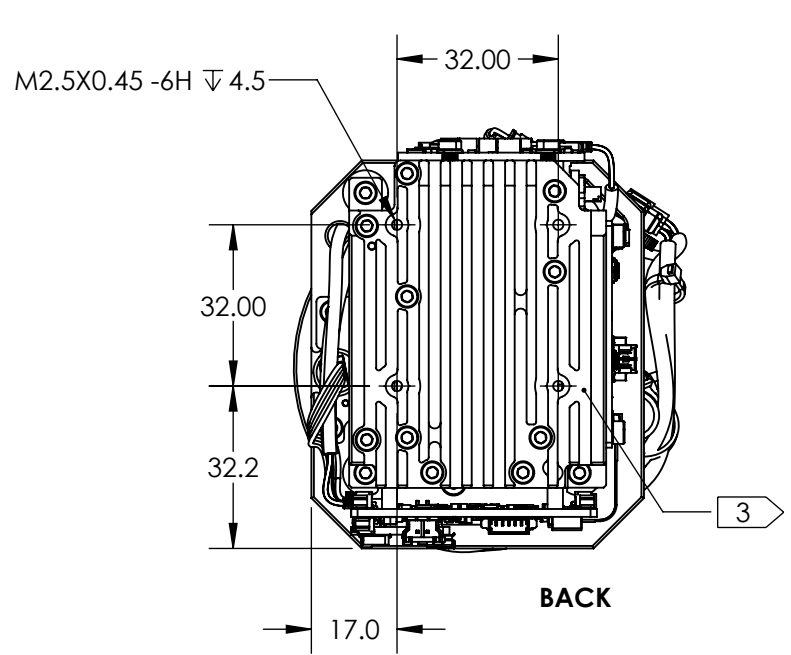
NOTES:

- 1. WHEN MOUNTING CAMERA USE ANY TWO PRIMARY MOUNTING HOLES SITUATED ON THE LENS MOUNTING BRACKET COMBINED WITH CLOSELY HOLDING THE FRONT OF THE LENS. ALTERNATIVELY, THE CAMERA CAN BE MOUNTED USING TWO PRIMARY MOUNTING HOLES ALONG WITH TWO SECONDARY HOLES ON THE HEATSINK. DO NOT OVER CONSTRAIN MOUNTING HOLES ON HEATSINK, DOING SO MAY AFFECT SENSOR ALIGNMENT.
- 2. THE LENS ASSEMBLY AND SENSOR ASSEMBLY HAVE VARIABLE ALIGNMENT IN ORDER TO FACILITATE OPTICAL CALIBRATION. DATUMS B AND C ARE +/- 1MM RELATIVE TO SECONDARY MOUNTING HOLES AND SENSOR
- 3. OVERALL THERMAL DISSIPATION IS APPROX. 6.7 WATTS. PRIMARY HEATSINKING SURFACES INDICATED
- 4. RECOMMENDED WINDOW VERTICAL TILT ANGLE AT WIDE ZOOM = 8.5° FOR ADDITIONAL WINDOW PLACEMENT INFORMATION SEE PAGE 4
- 5. FOR CONNECTOR INFORMATION, REFERENCE ELECTRICAL ICD DOC NO 20-70106
- 6. APPROXIMATE MASS = 800 GRAMS



REVISIONS					
ZONE	REV.	DESCRIPTION	ECO	DATE	ENGINEER
	A	INITIAL RELEASE	1941	2025-11-20	M. SCOTT

Product Export Classification Control Number(ECCN): 6A003.b.4.a  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.  MATERIAL: N/A	<b>SIERRA-OLYMPIA TECHNOLOGIES INC.</b>
	X ± 2.5 mm	ANGLES X ± 1°		
	X.X ± 0.3 mm	X ± 1°		SIZE B
	X.XX ± 0.13 mm	X.X ± 0.5°		DRAWN BY: M. SCOTT
	THIRD ANGLE PROJECTION			DRAWING NUMBER: 20-70107
				SHEET 1 OF 4
	DO NOT SCALE DRAWING			Rev. A



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	X $\pm$ 2.5 mm	ANGLES X $\pm$ 1°					DESCRIPTION: ICD, VENTUS MICRO 225 CORE
	X.X $\pm$ 0.3 mm	X.X $\pm$ 0.5°	MATERIAL: N/A		SIZE <b>B</b>	DRAWN BY: M. SCOTT	SHEET 2 OF 4
	THIRD ANGLE PROJECTION		FINISH: N/A		DRAWING NUMBER: 20-70107		Rev. A
		N/A					
DO NOT SCALE DRAWING							

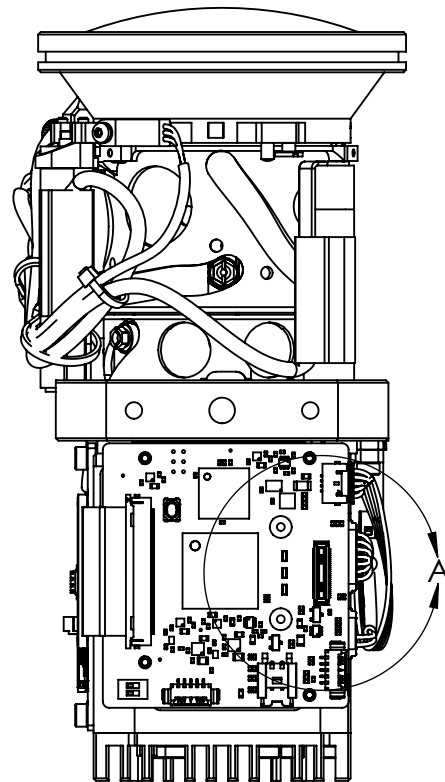
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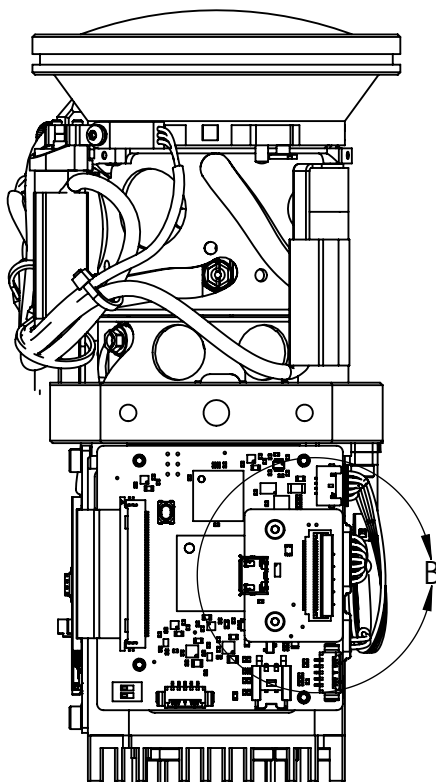
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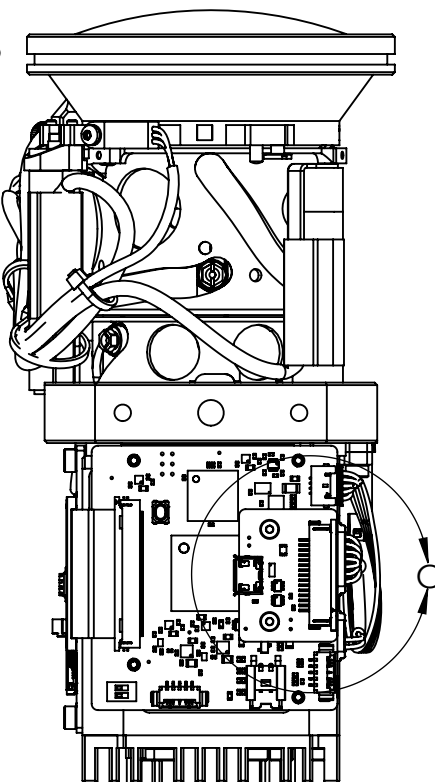
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BASE



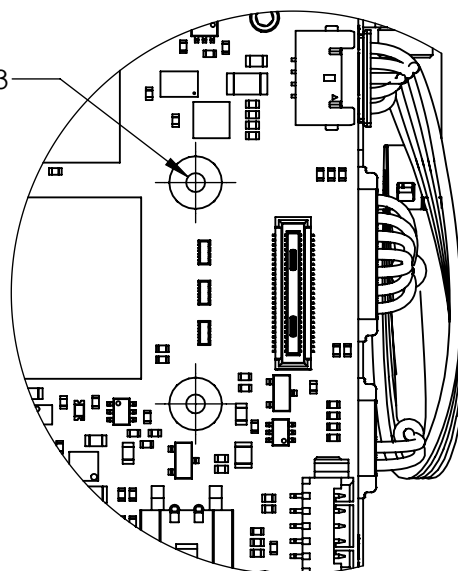
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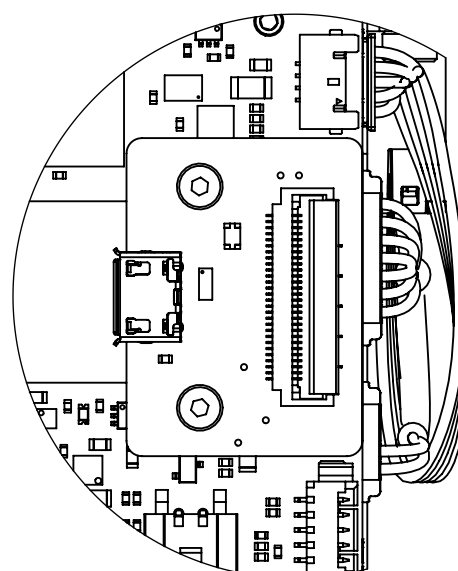
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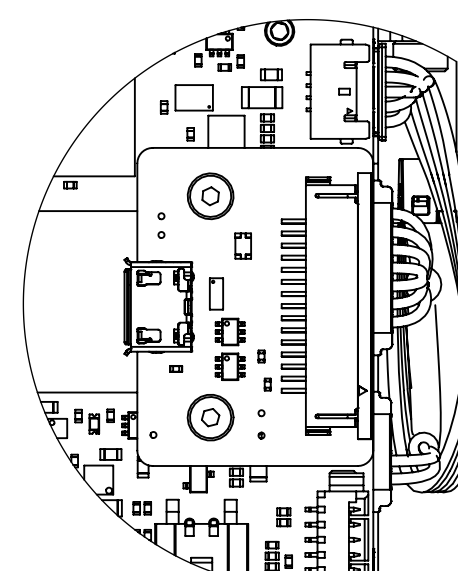
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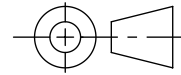

DETAIL A



DETAIL B



DETAIL C

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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					
DO NOT SCALE DRAWING					
					DESCRIPTION: ICD, VENTUS MICRO 225 CORE  SIZE: <b>B</b> DRAWN BY: M. SCOTT SHEET 3 OF 4 DRAWING NUMBER: 20-70107 Rev. A

4

3

2

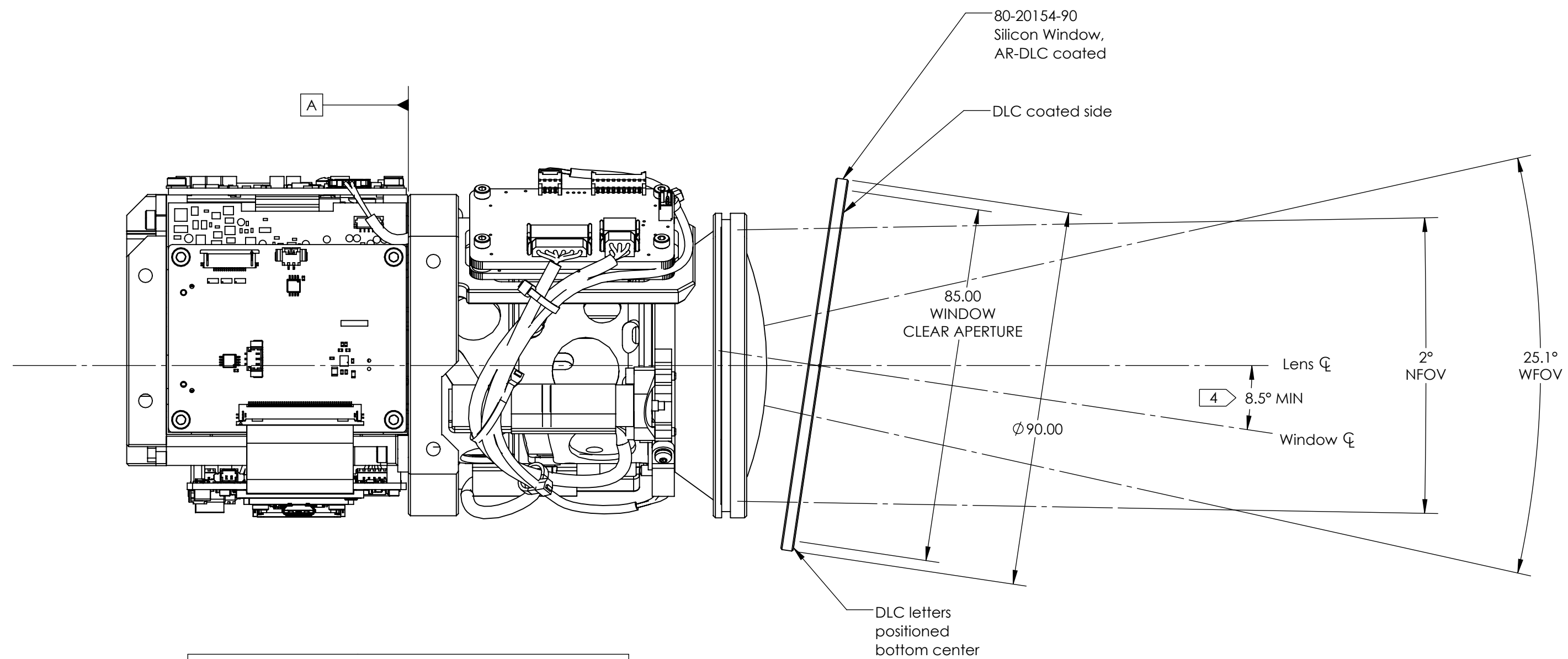
1

4

3

2

1



WIDE FIELDS OF VIEW  
ENTRANCE PUPIL LOCATION 53.61mm IN FRONT OF DATUM A  
ENTRANCE PUPIL DIAMETER 5.018mm

HFOV	19.9°
VFOV	16.0°
DFOV	25.1°

NARROW FIELDS OF VIEW  
ENTRANCE PUPIL LOCATION 6.235mm IN FRONT OF DATUM A  
ENTRANCE PUPIL DIAMETER 62.5mm

HFOV	1.6°
VFOV	1.3°
DFOV	2.0°

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	X ± 2.5 mm	ANGLES X ± 1°				DESCRIPTION: ICD, VENTUS MICRO 225 CORE
	X.X ± 0.3 mm	X ± 1°		SIZE <b>B</b>	DRAWN BY: M. SCOTT	
	X.XX ± 0.13 mm	X.X ± 0.5°		DRAWING NUMBER: 20-70107		Rev. A
THIRD ANGLE PROJECTION			MATERIAL: N/A			
			FINISH: N/A			
DO NOT SCALE DRAWING			N/A			

4

3

2

1