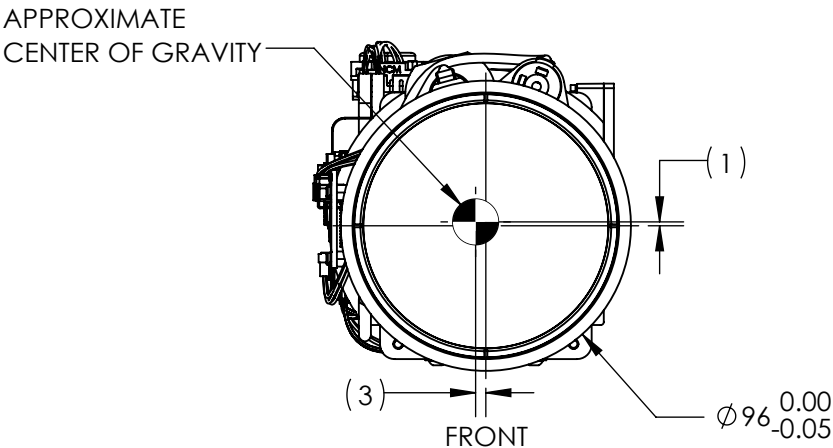
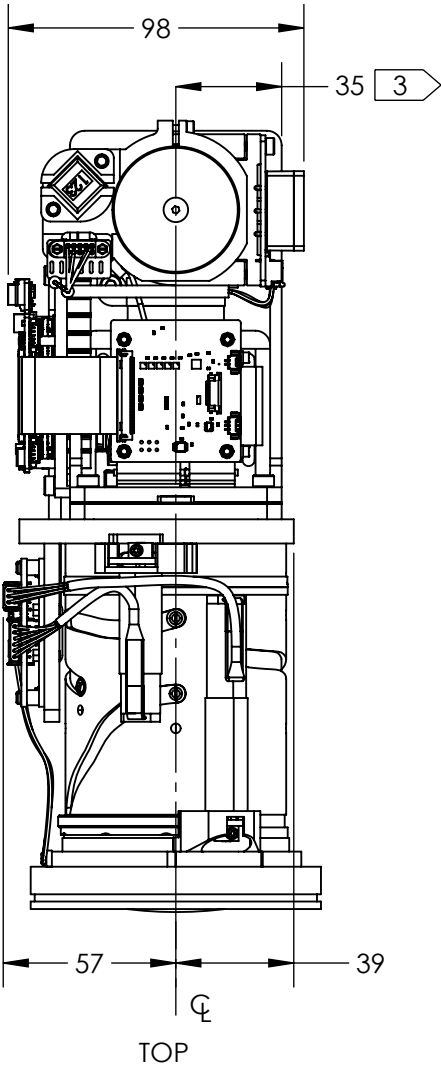
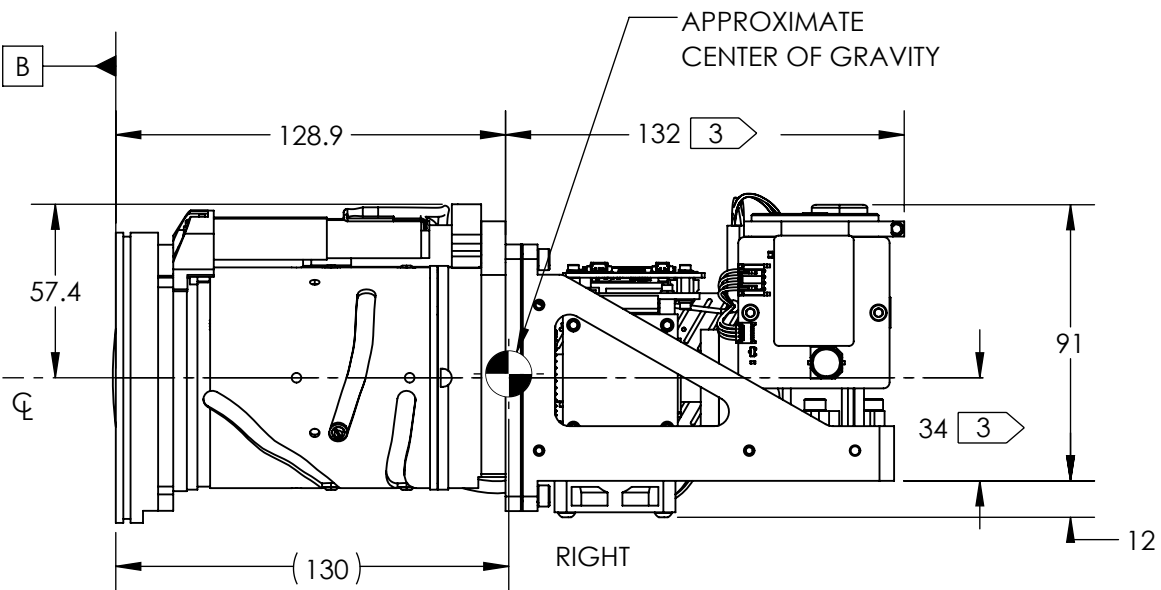
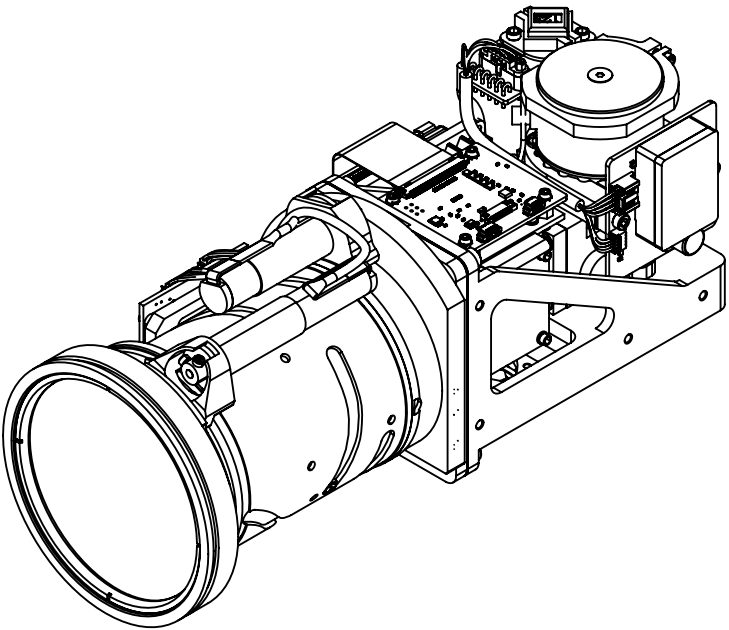


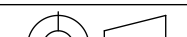
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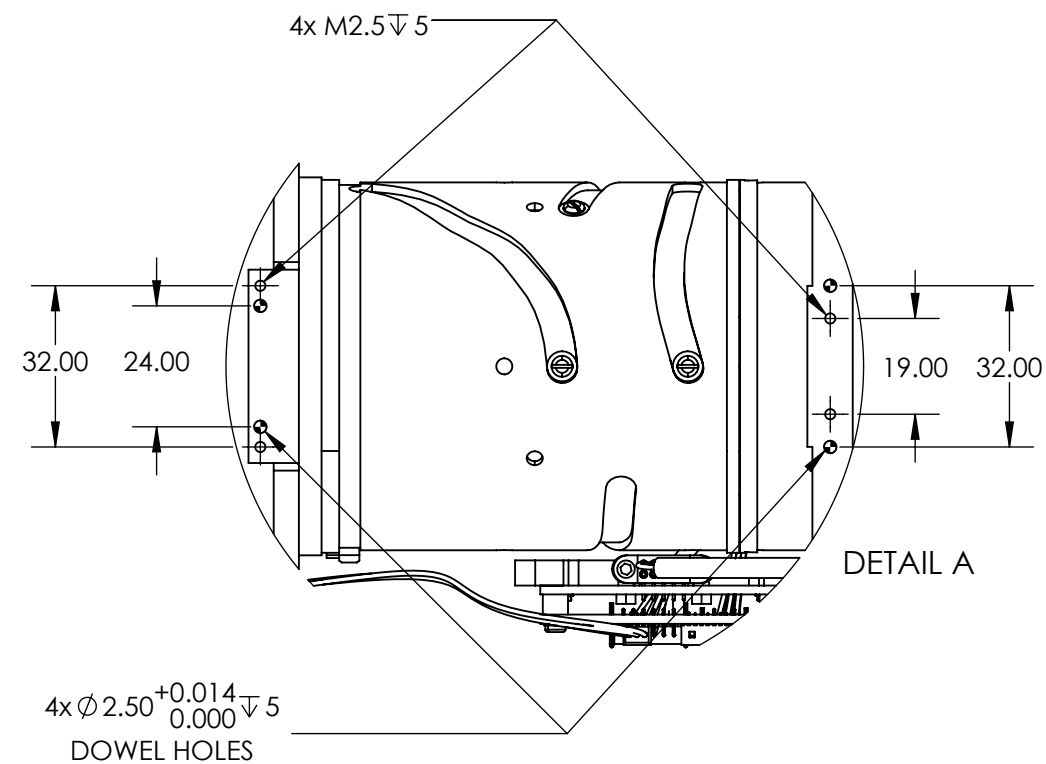
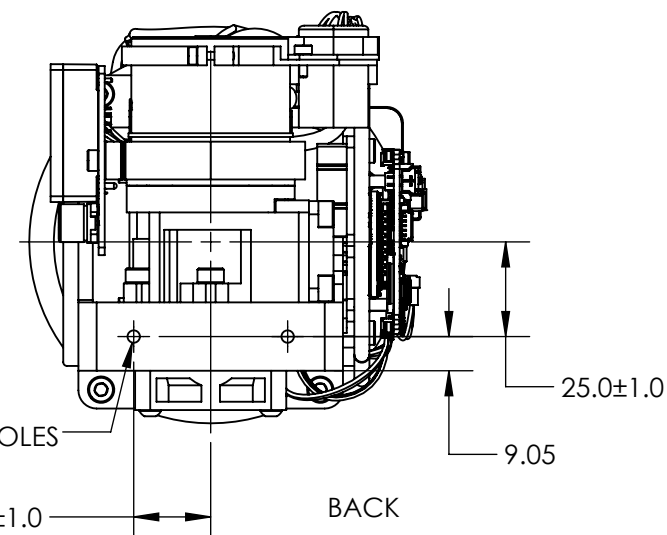
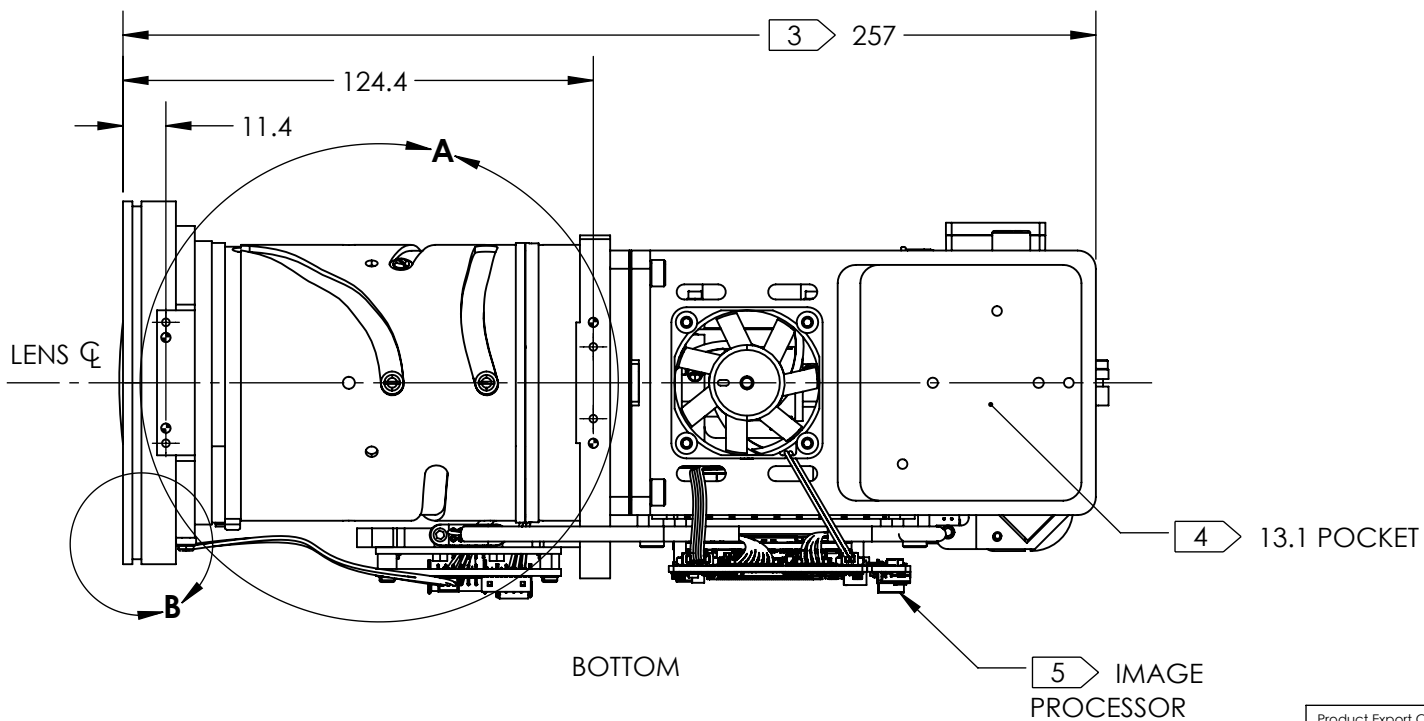
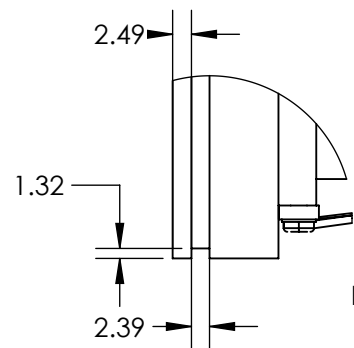
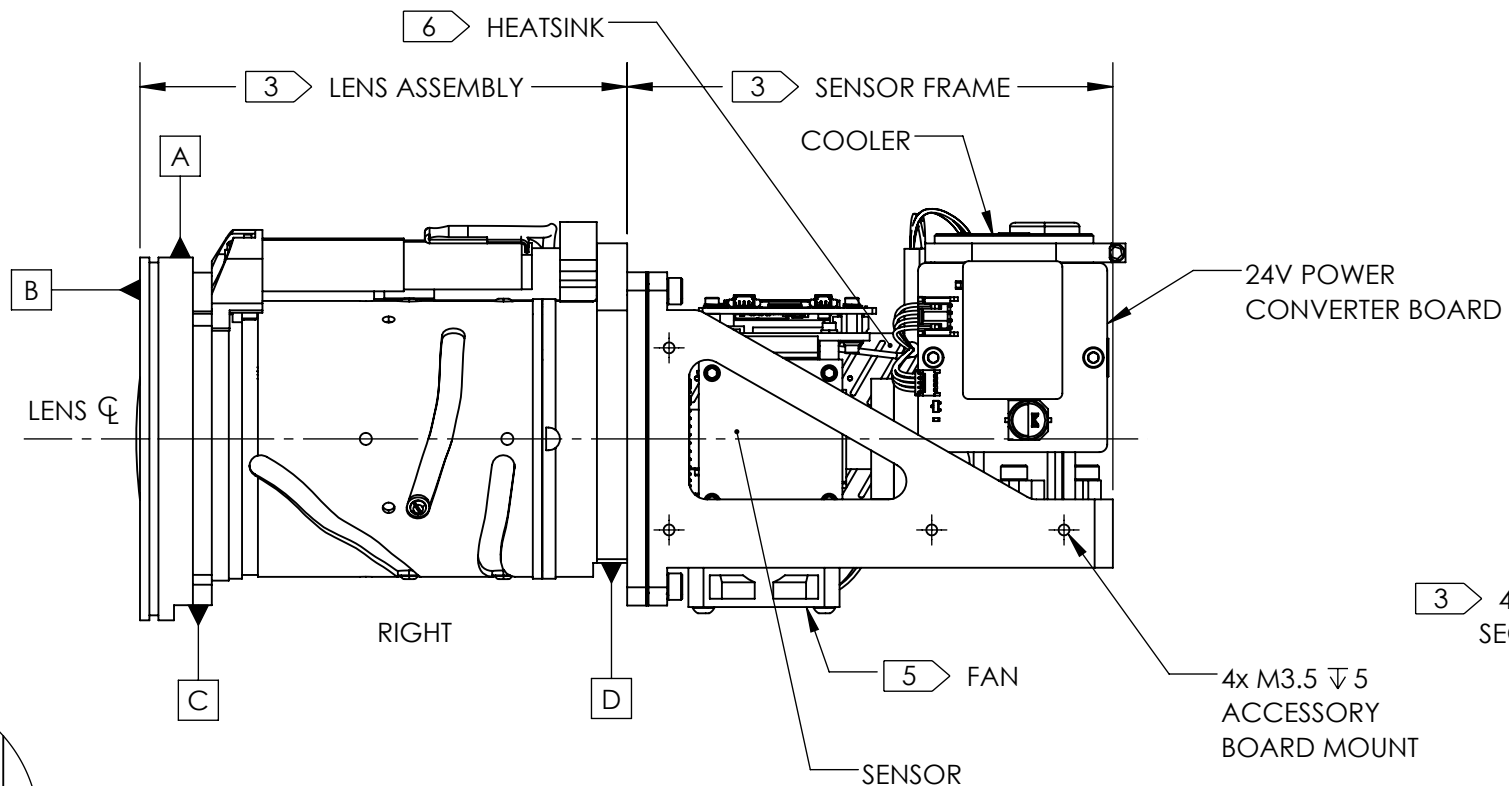
1. WHEN MOUNTING CAMERA IN AN ENCLOSURE USE PRIMARY HOLES ON DATUMS C and D.
2. SURFACE A SHOULD BE CLOSELY HELD FOR SUPPORT AND TO PROVIDE A SEALING SURFACE FOR O-RING INSTALLATION.
3. TO PREVENT SENSOR VIBRATION THE SENSOR FRAME SHOULD BE SUPPORTED USING THE SECONDARY MOUNTING HOLES ON THE BACK OF THE FRAME. THE LENS ASSEMBLY AND SENSOR FRAME HAVE VARIABLE ALIGNMENT IN ORDER TO FACILITATE OPTICAL CALIBRATION +/- 1MM. MAKE NOTE THAT ALL SECONDARY MOUNTING HOLES HAVE VARIABLE LOCATION WITH RESPECT TO PRIMARY MOUNTING HOLES.
4. OVERALL THERMAL DISSIPATION REQUIREMENT IS APPROX. 13 WATTS. PRIMARY HEATSINKING SURFACES INDICATED
5. IMAGE PROCESSOR, HEATSINK AND FAN MAY BE RELOCATED FOR ADDITIONAL CLEARANCE BY REMOVING MOUNTING HARDWARE. FLAT FLEXIBLE CABLE (FFC) MAY BE REPLACED TO ALLOW EXTENSION
6. RECOMMENDED WINDOW VERTICAL TILT ANGLE AT WIDE ZOOM = 14.2 °
7. FOR CONNECTOR INFORMATION, REFERENCE ELECTRICAL ICD DOC NO S-D11242
8. APPROXIMATE MASS = 1920g



REVISIONS					
ZONE	REV.	DESCRIPTION	ECO	DATE	ENGINEER
	A	INITIAL RELEASE	1103	2021-12-13	M. SCOTT
	B	DRAWING SHEET FORMAT AND FOV UPDATE	1654	2025-09-03	M. SCOTT



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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		DESCRIPTION: MECHANICAL ICD, VENTUS 300 HOT		
			N/A		SIZE B	DRAWN BY: M. SCOTT	SHEET 1 OF 3
	DO NOT SCALE DRAWING		N/A		DRAWING NUMBER: S-D11219		Rev. B



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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°					DESCRIPTION: MECHANICAL ICD, VENTUS 300 HOT			
	THIRD ANGLE PROJECTION		MATERIAL: N/A		SIZE B		DRAWN BY: M. SCOTT		SHEET 2 OF 3	
			FINISH: N/A		DRAWING NUMBER: S-D11219					
	DO NOT SCALE DRAWING		N/A							

C

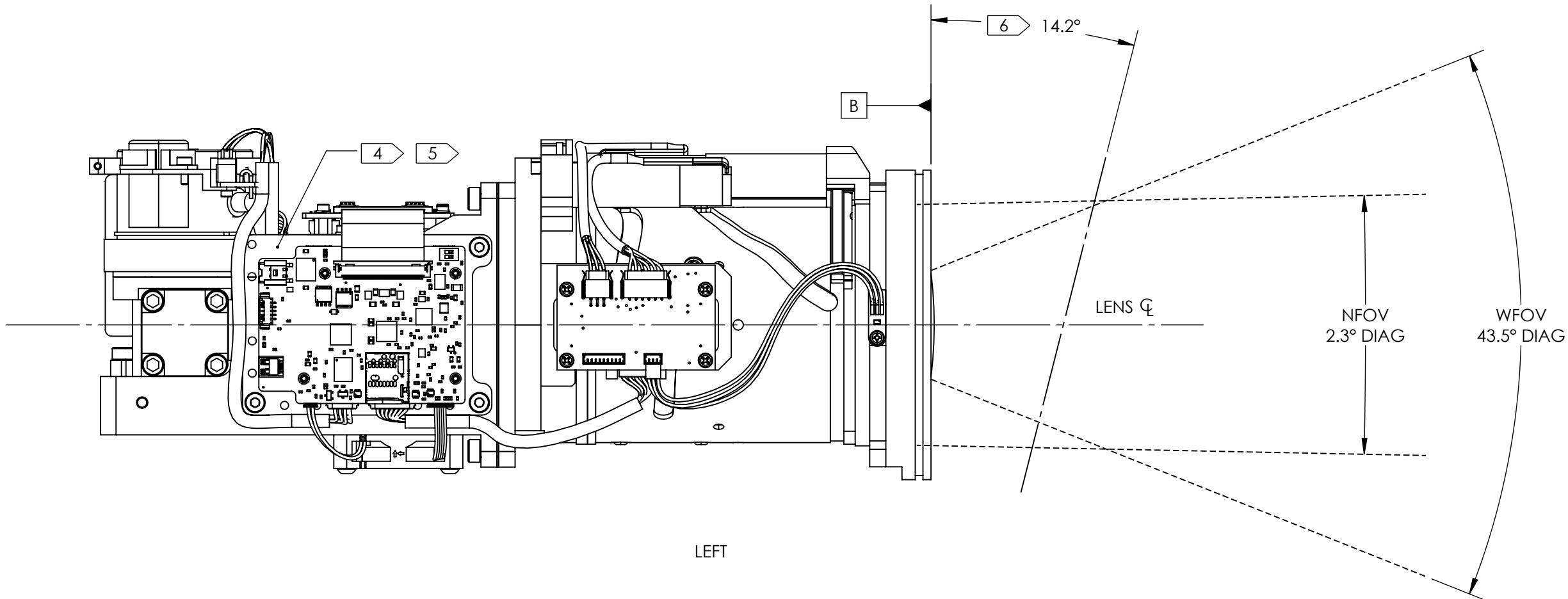
B

A

C

B

A



WIDE FIELDS OF VIEW
ENTRANCE PUPIL LOCATION 37.56mm BEHIND DATUM B
ENTRANCE PUPIL DIAMETER 3.71mm

HFOV	35.1°
VFOV	28.4°
DFOV	43.5°

NARROW FIELDS OF VIEW
ENTRANCE PUPIL LOCATION 4.44mm IN FRONT OF DATUM B
ENTRANCE PUPIL DIAMETER 75.01mm

HFOV	1.8°
VFOV	1.5°
DFOV	2.3°

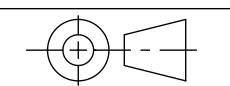
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Control Number(ECCN):
6A003.b.4.a

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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

THIRD ANGLE PROJECTION

FINISH:
N/A

N/A

SIERRA-OLYMPIA
TECHNOLOGIES INC.

DESCRIPTION:
MECHANICAL ICD, VENTUS 300
HOT

SIZE
B

DRAWN BY:
M. SCOTT

DRAWING NUMBER:
S-D11219

SHEET 3 OF 3

Rev. B