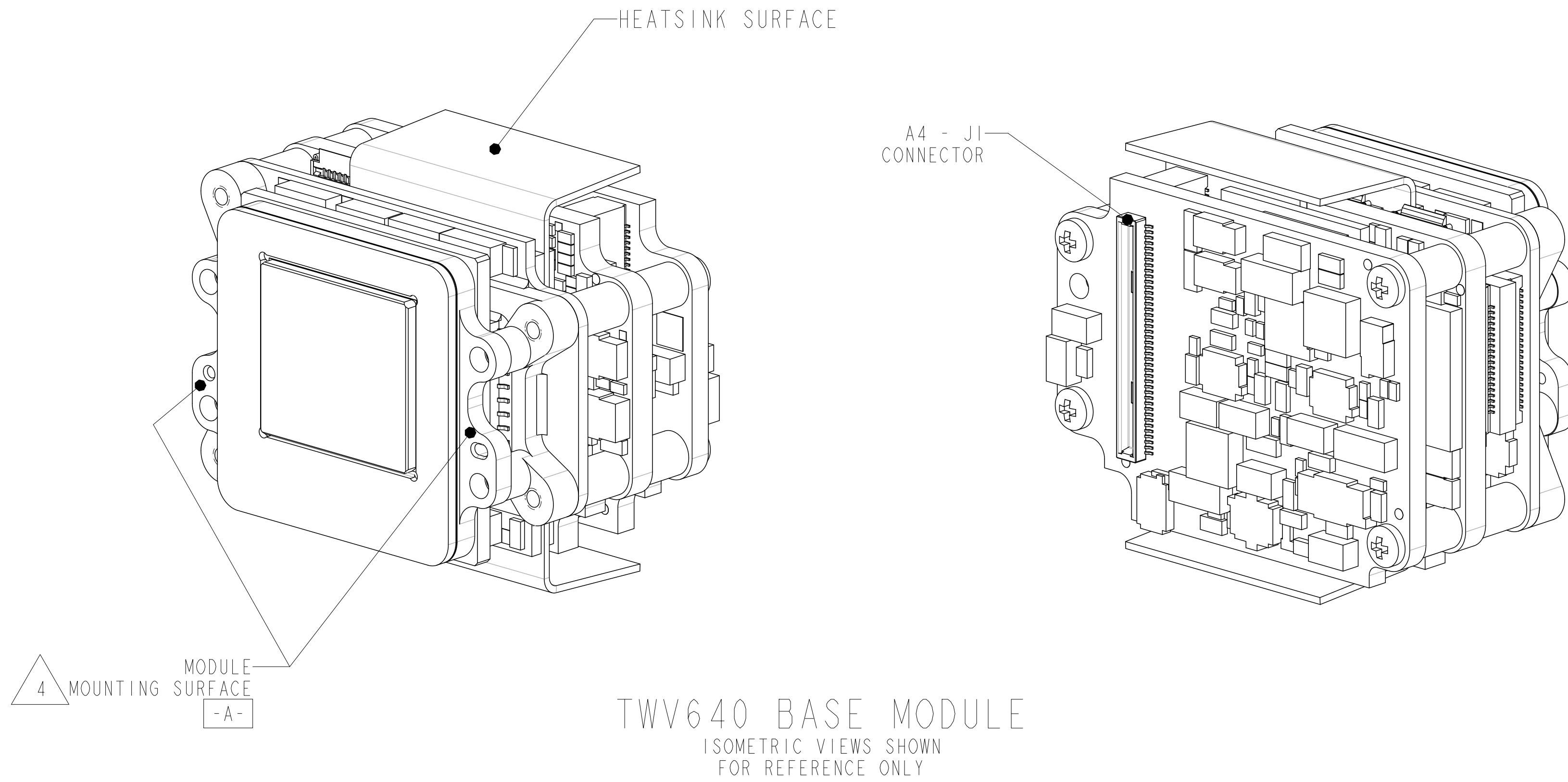
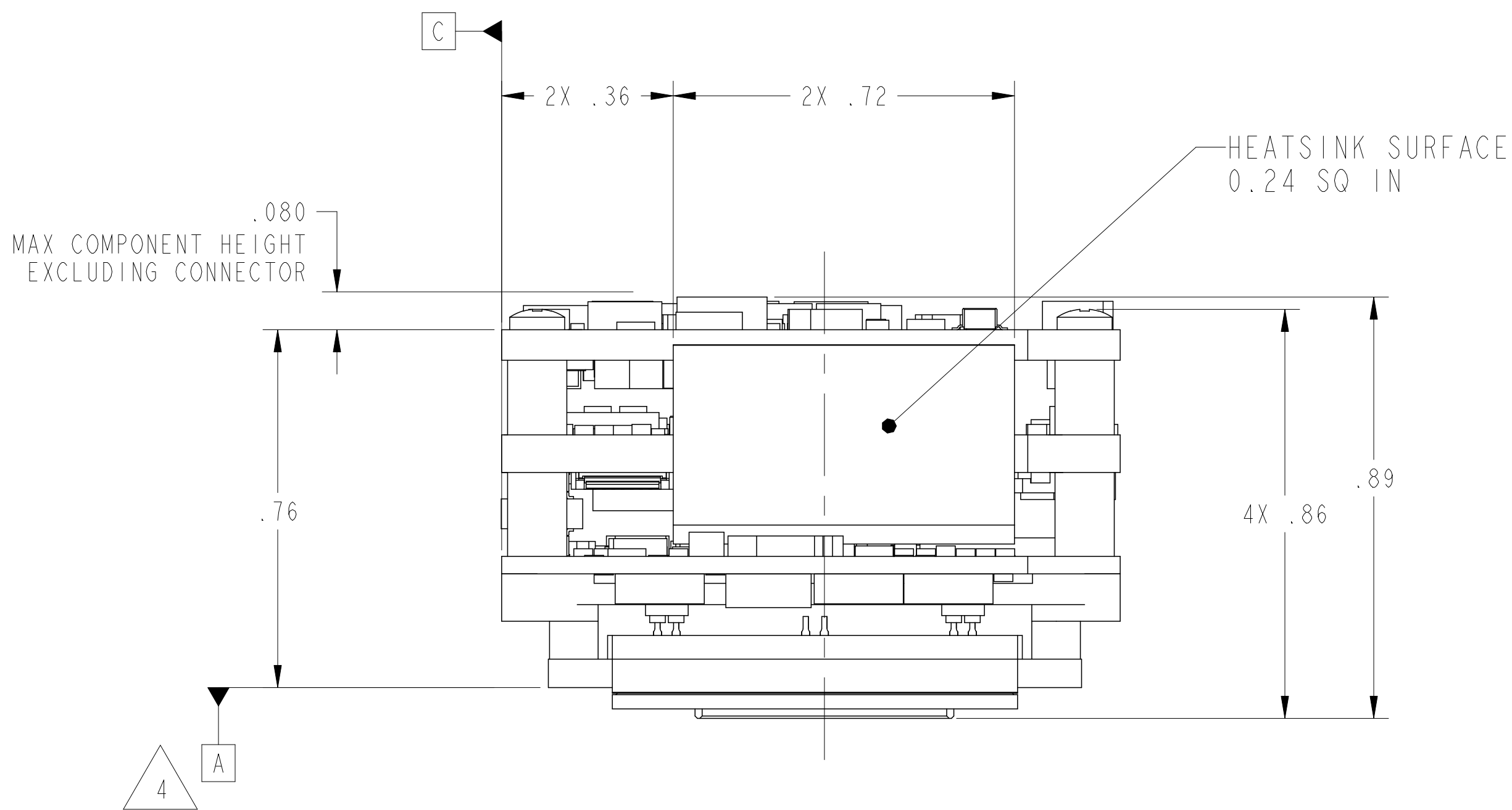


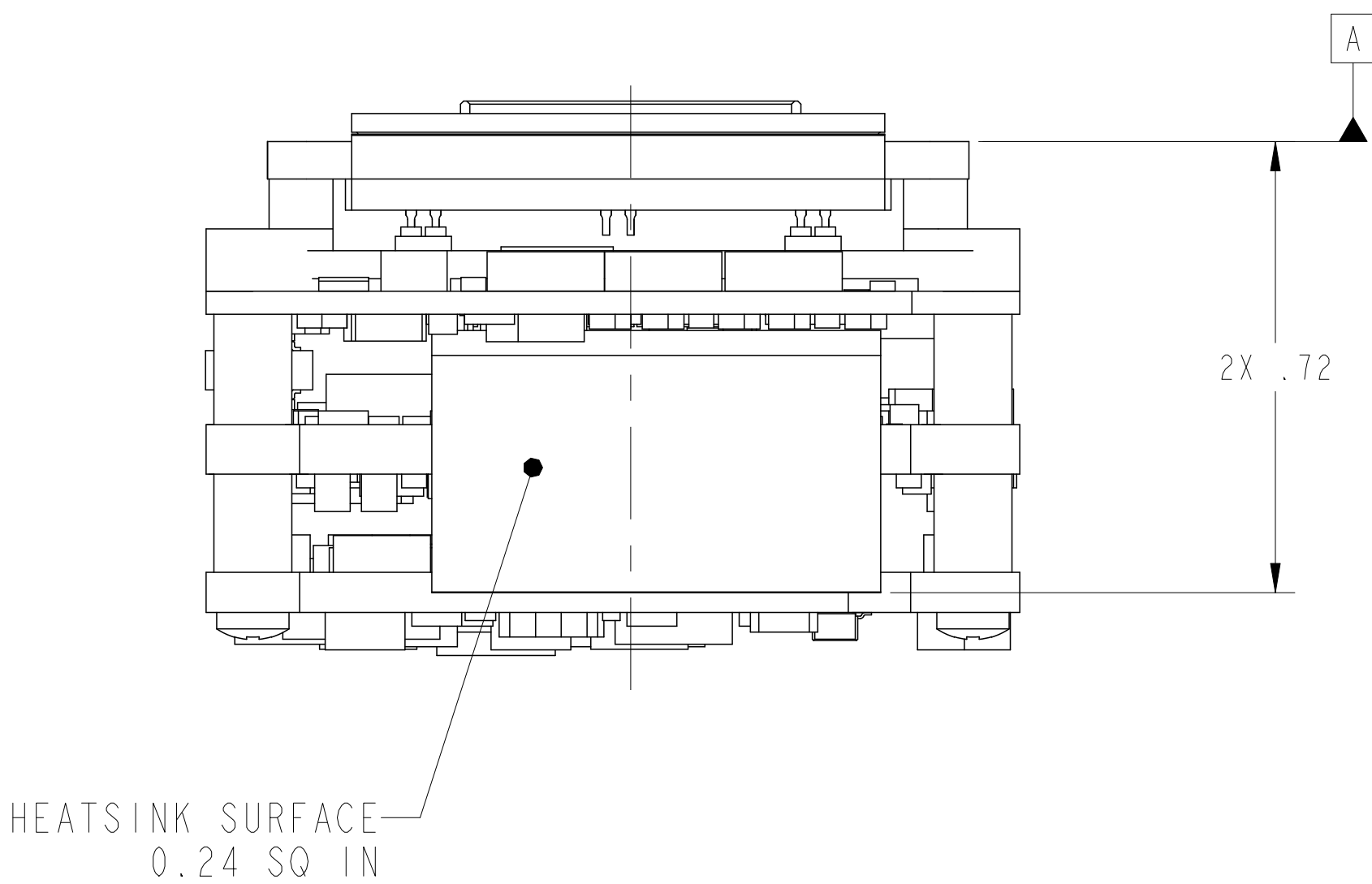
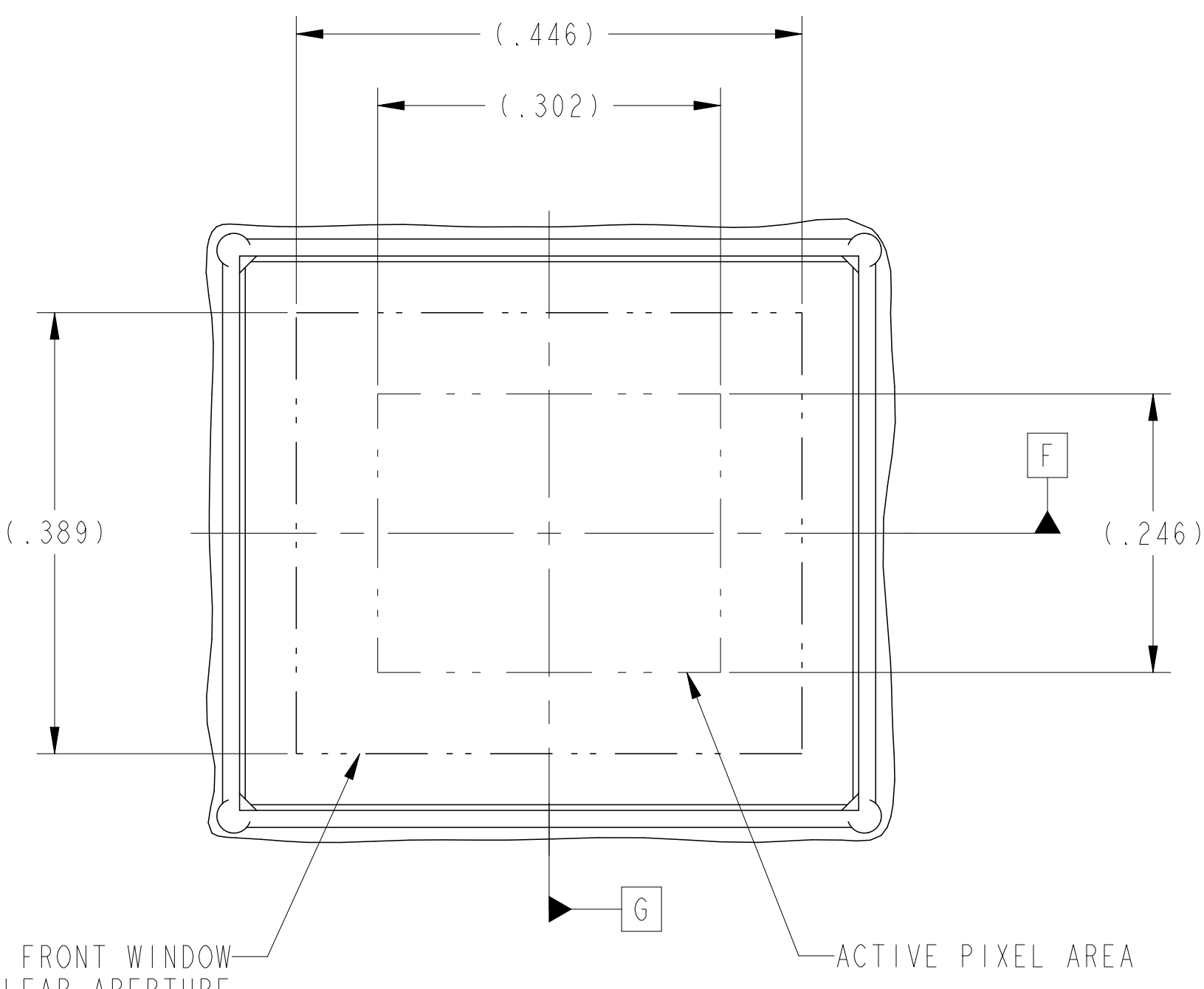
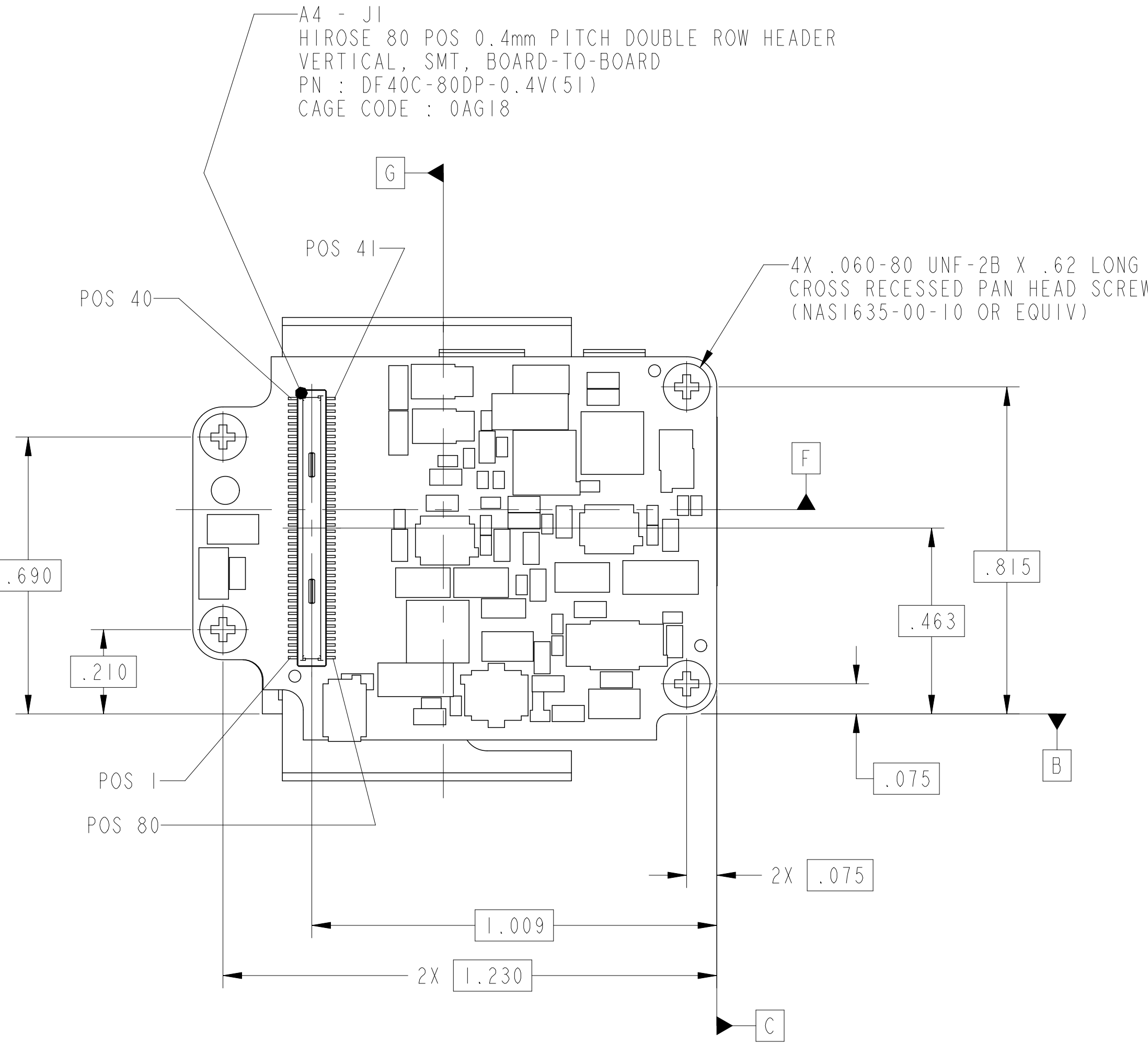
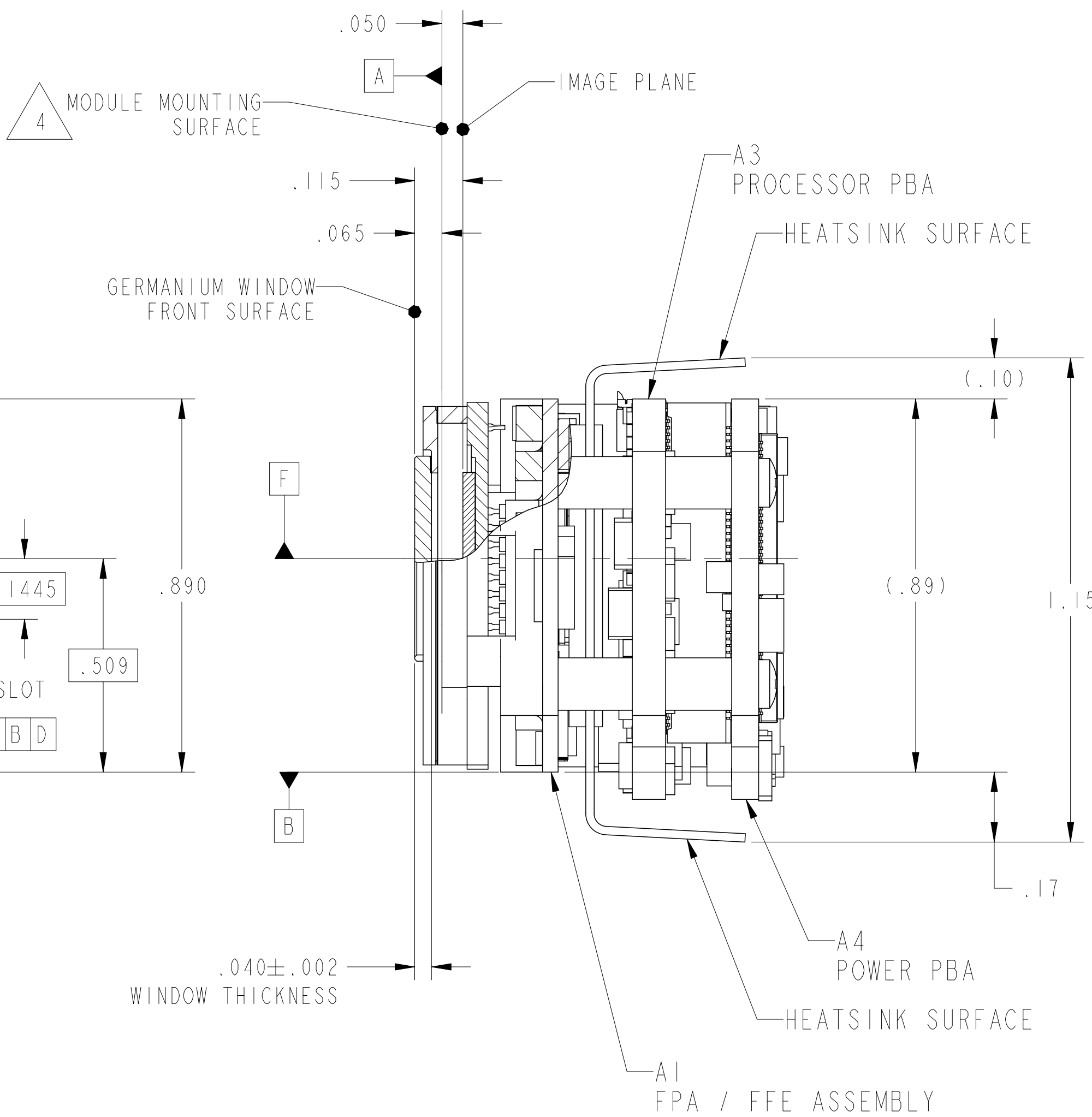
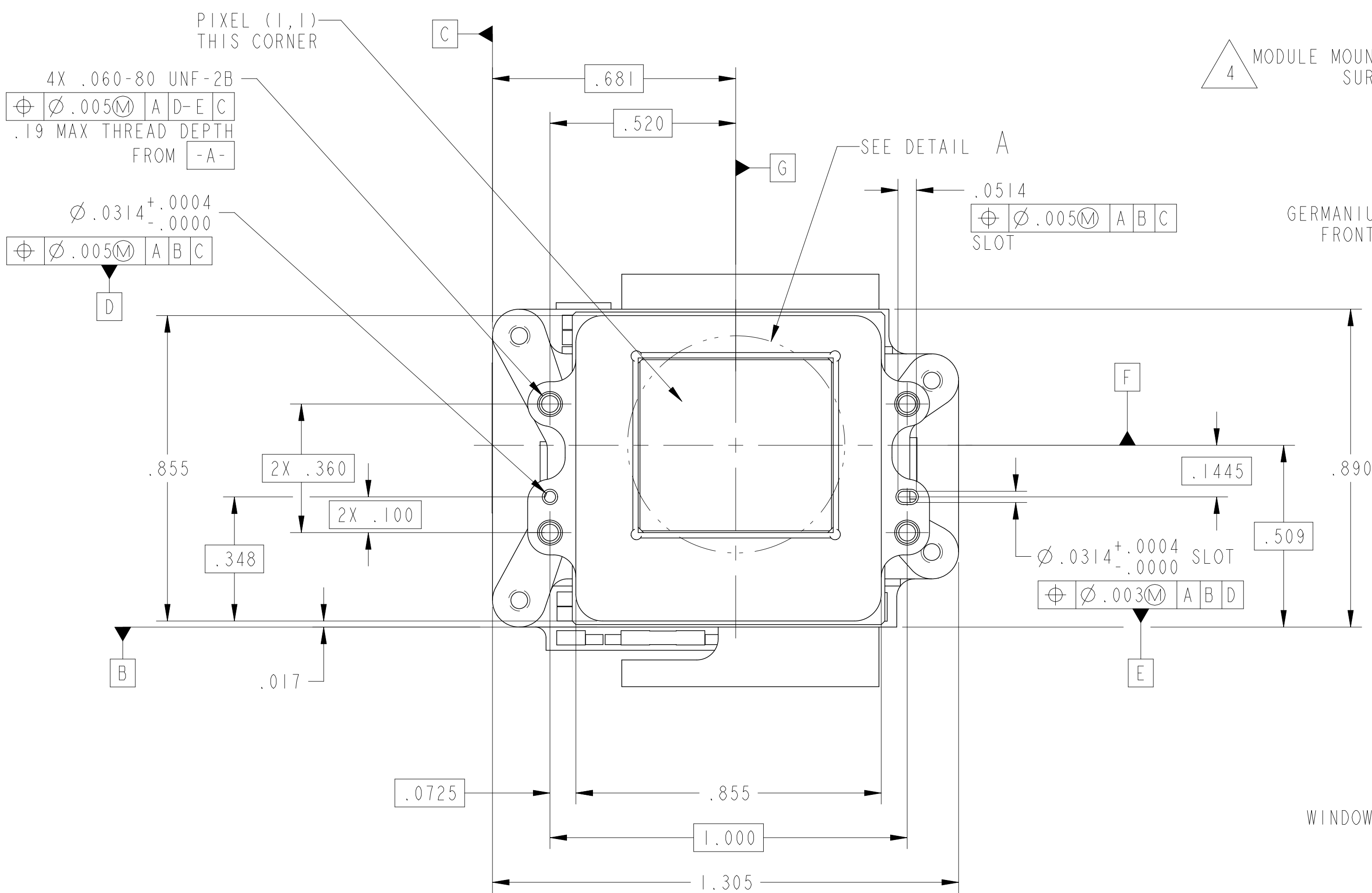
NOTES:

1. DRAWING CONFORMS TO ASME Y14.100.
2. THIS DOCUMENT DEPICTS THE MECHANICAL INTERFACES FOR THE TWV640 12μM MICROIR PRODUCTS.
3. THIS DRAWING IS NOT TO BE USED FOR FABRICATION OR INSPECTION. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.
4. SURFACE INDICATED IS CONDUCTIVE, PROVIDING CAPABILITY FOR GROUNDING THE SENSOR PACKAGE. UTILIZATION OF GROUND PATH DEPENDENT UPON SPECIFIC APPLICATION.
5. DATUM PLANES $\square F$ AND $\square G$ ARE DEFINED AS THE PERPENDICULAR PLANES WHICH ARE THE CENTERLINES OF THE ACTIVE PIXEL AREA, AS DEFINED BY THE ROIC FIDUCIAL MARKS.
6. PHYSICAL CHARACTERISTICS:

SPATIAL VOLUME = 1.04 IN³
MASS (EST) = 24 g MIN / 39 g MAX



TWV640 BASE MODULE
ISOMETRIC VIEWS SHOWN
FOR REFERENCE ONLY



TWV640 CONFIGURATION TABLE	
8507493 SHT 1	BASE
8507493 SHT 2	CORE
8507493 SHT 3	SMART FRONT END
8507493 SHT 4	EVALUATION



CAUTION
SENSITIVE ELECTRONIC DEVICES

ECO CONTROL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. DIMENSIONS APPLY AFTER FINISH	CONTRACT NO NA
TOLERANCES ON DIMENSIONS ASME Y14.5M-1994 APPLIES	BY OR APPROVED DRAWN J. SHOWN 20160411
2 PLACE NA	CHECKED ENG J. HENEBURY 20160426
3 PLACE NA	APVD K. GREALISH 20160426
ANGLES NA	APVD
THIRD ANGLE PROJECTION	APVD
GENL NEXT ASSY USED ON APPLICATION	APVD

INTERFACE DRAWING

SIZE E 81395	CAGE CODE 81395	DWG NO 8507493
SCALE: 4/1	PROJ/INLINK: A.3	SHEET 1 OF 4

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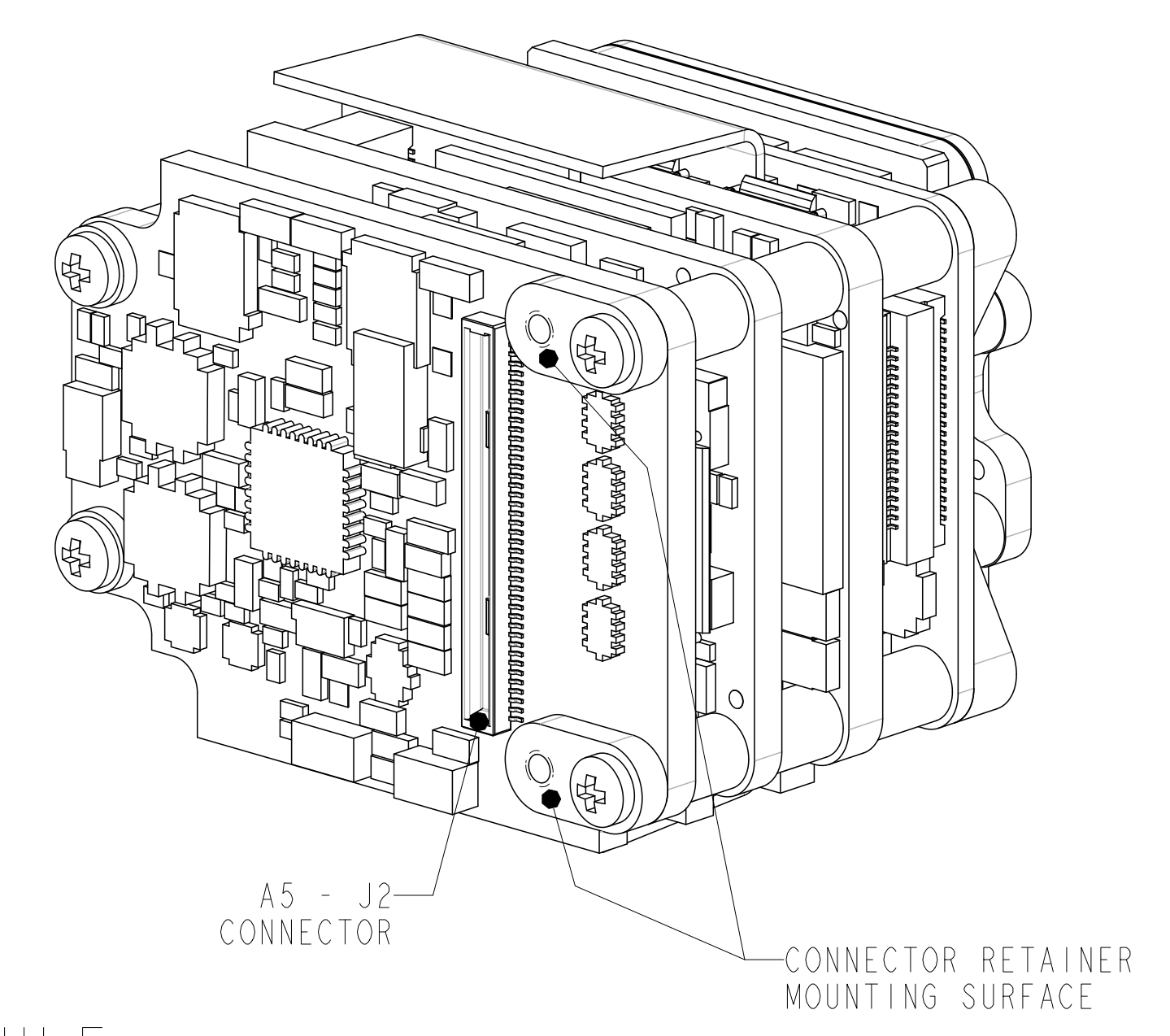
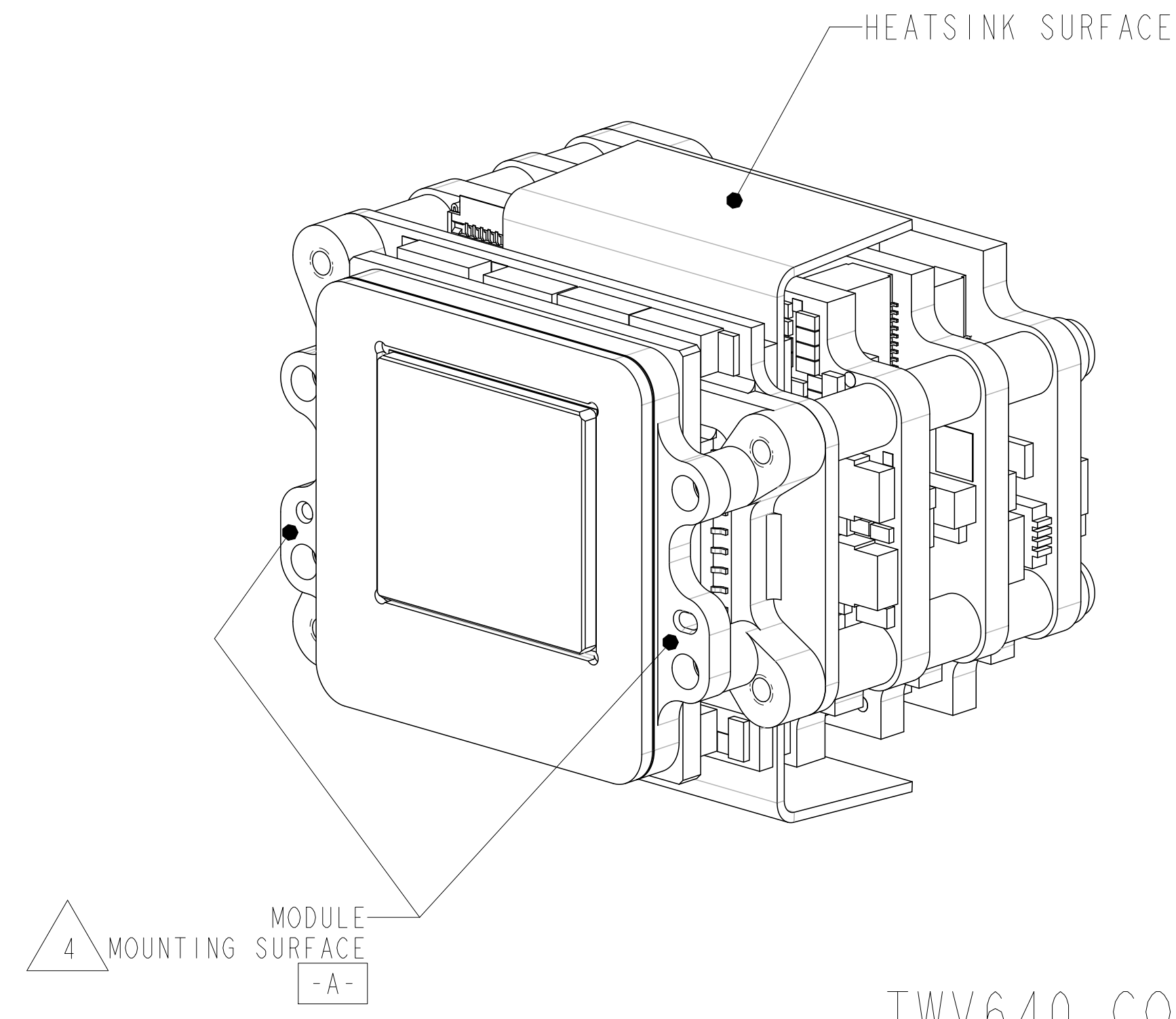
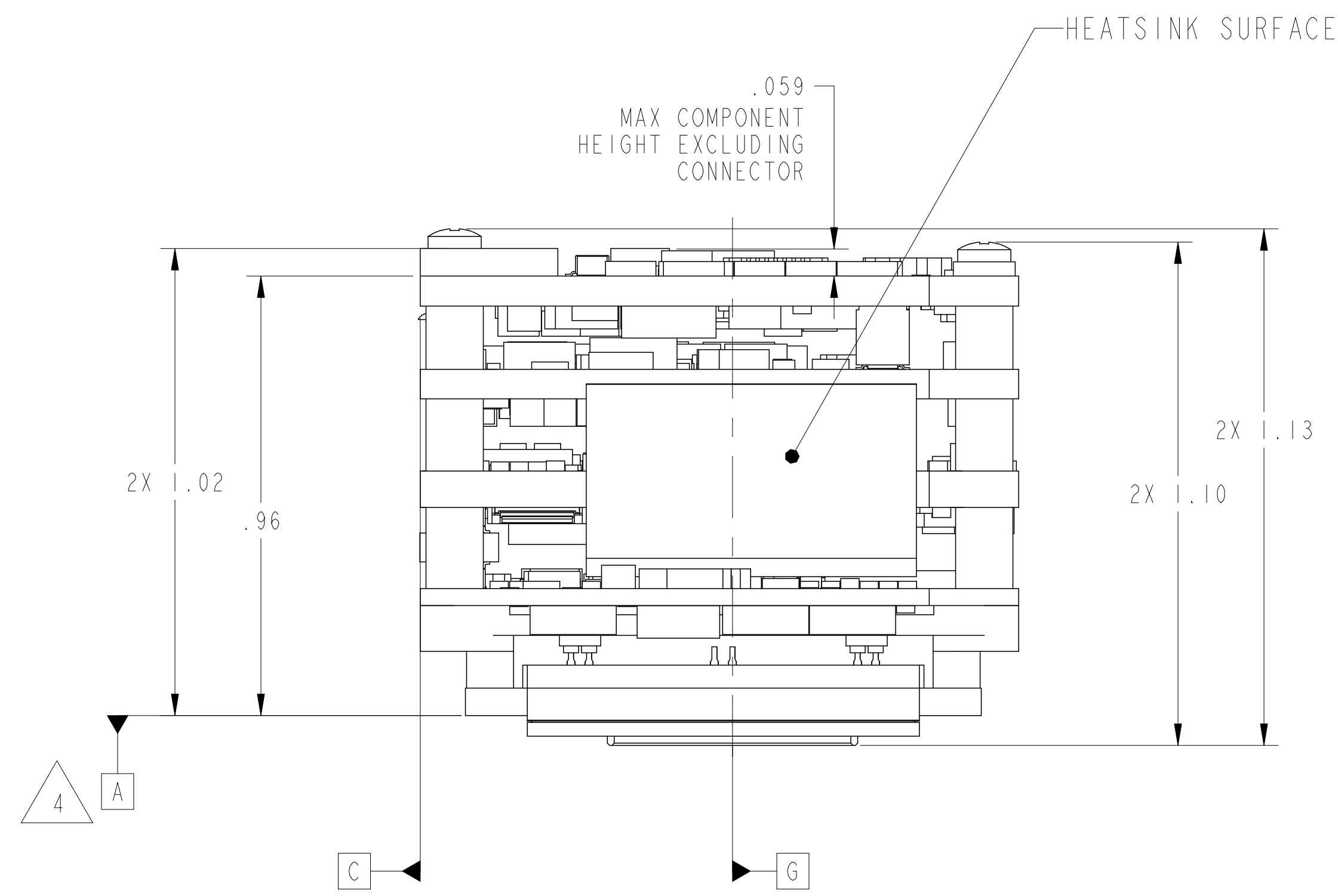
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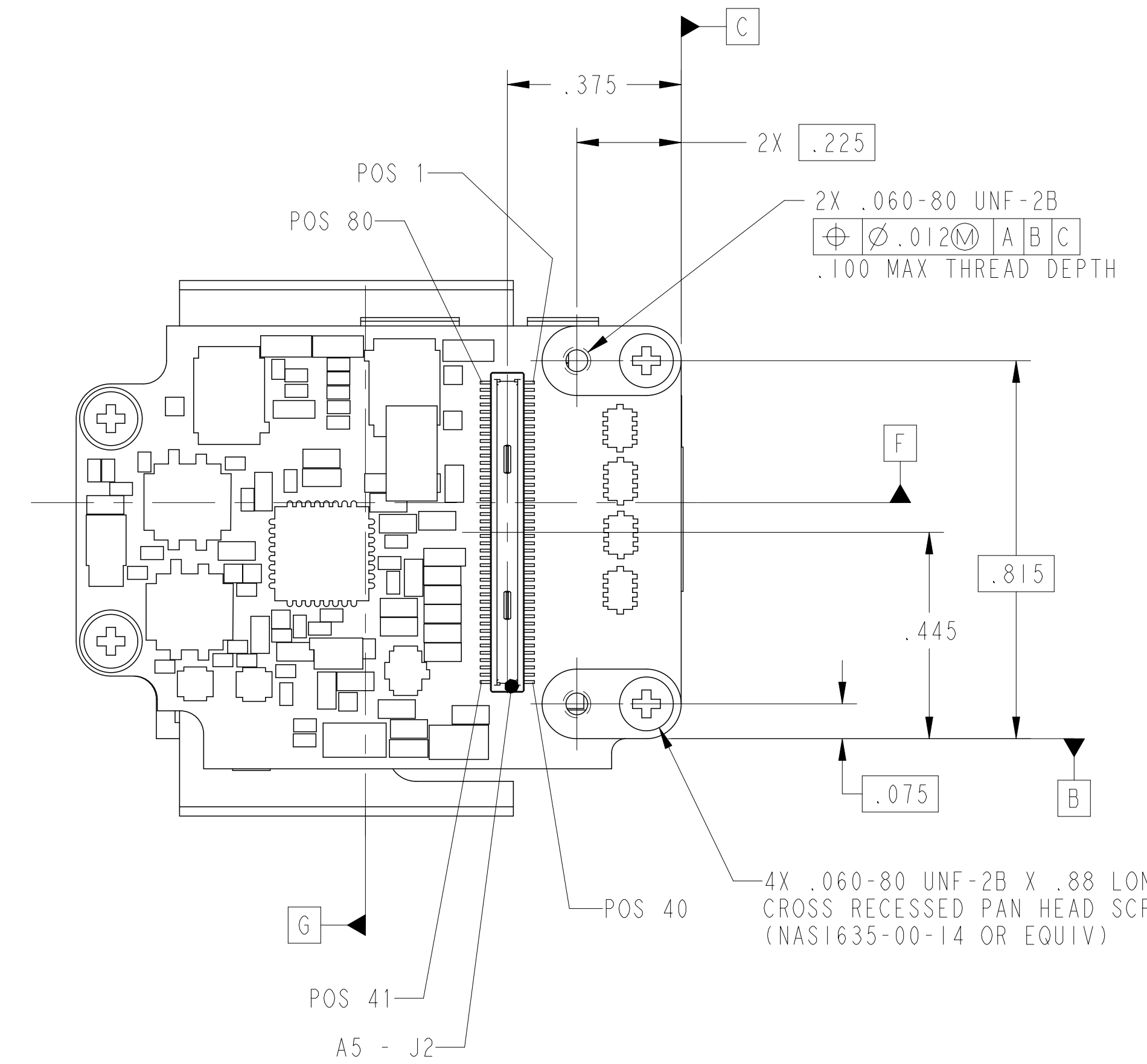
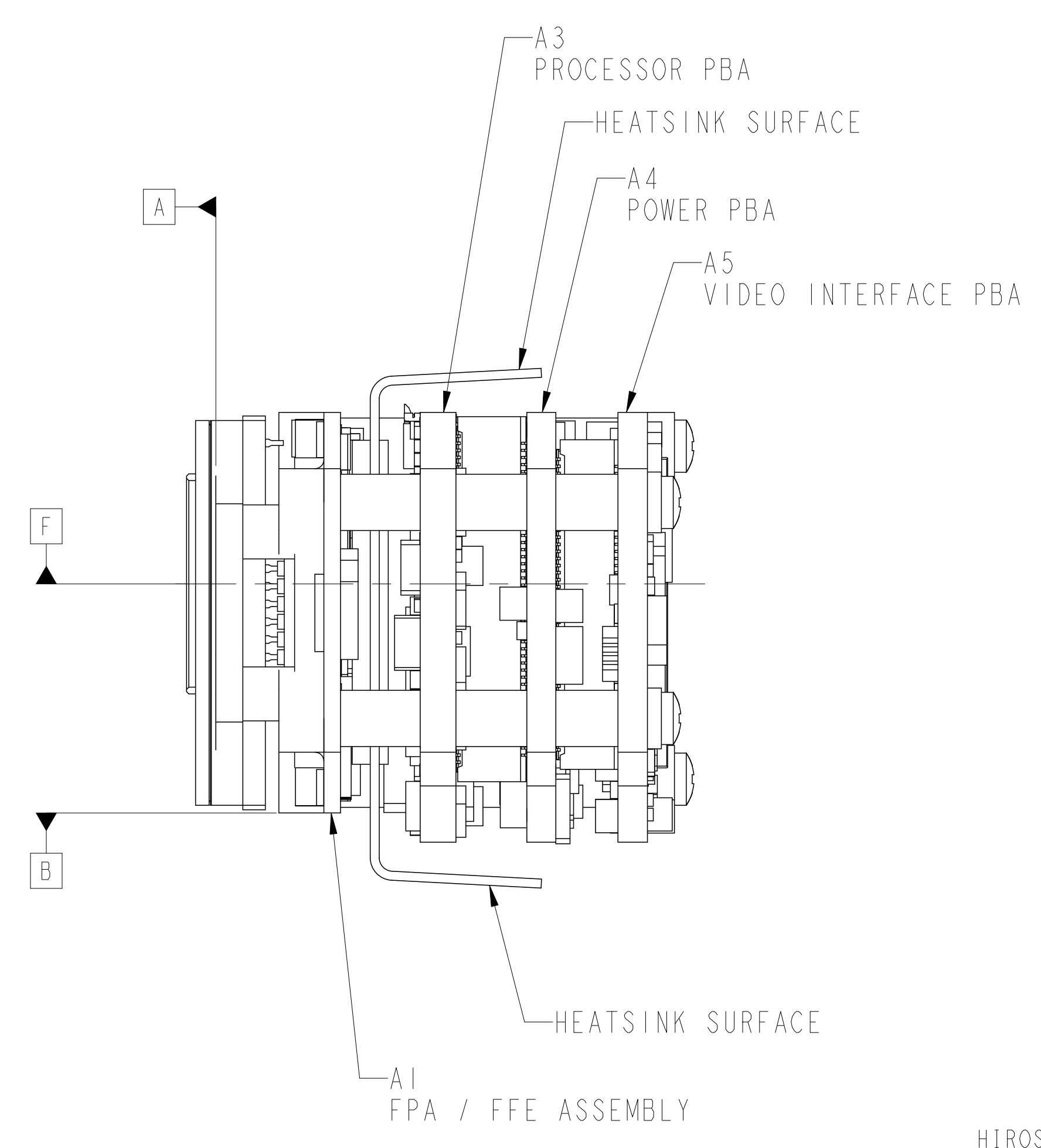
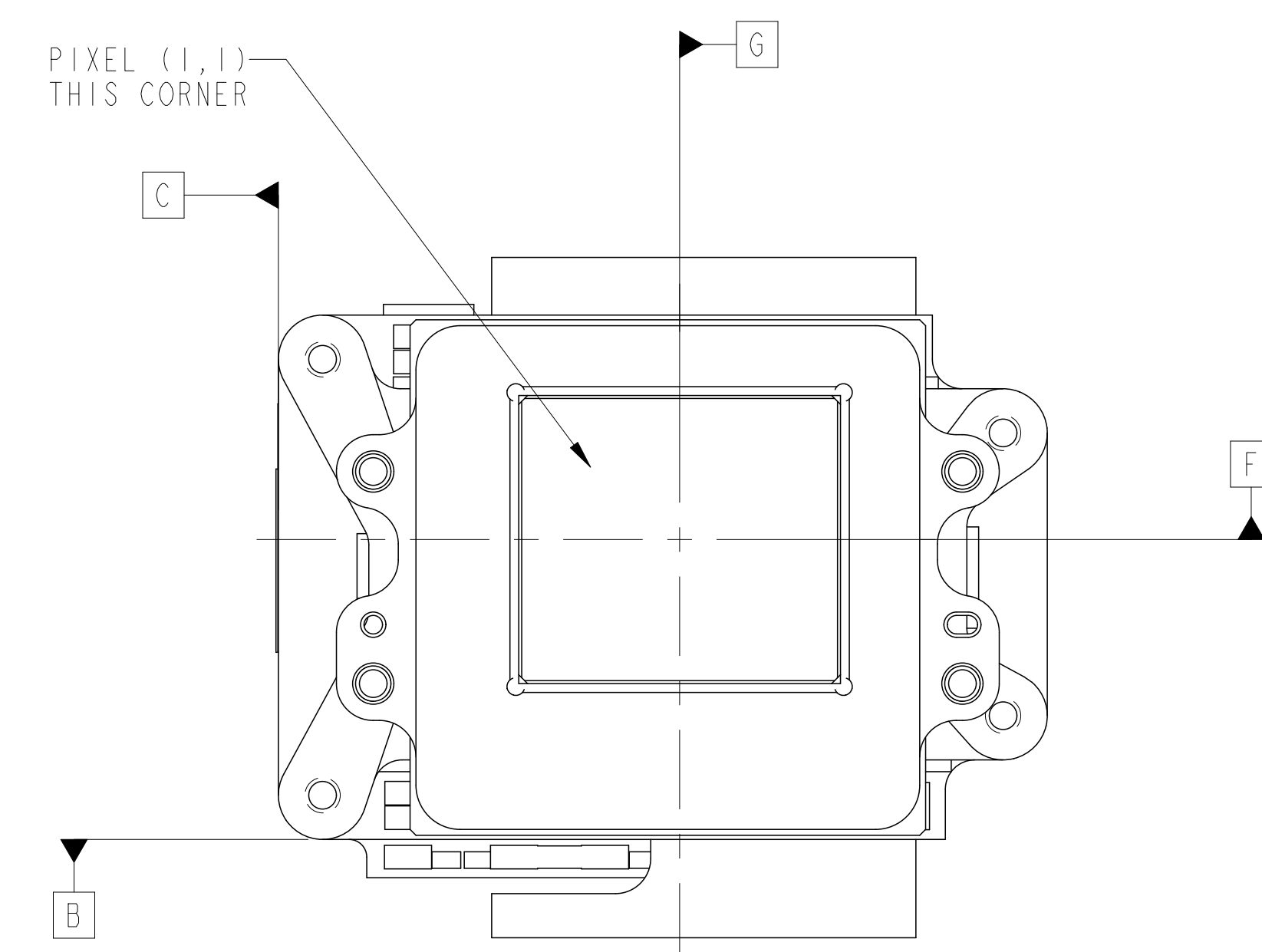
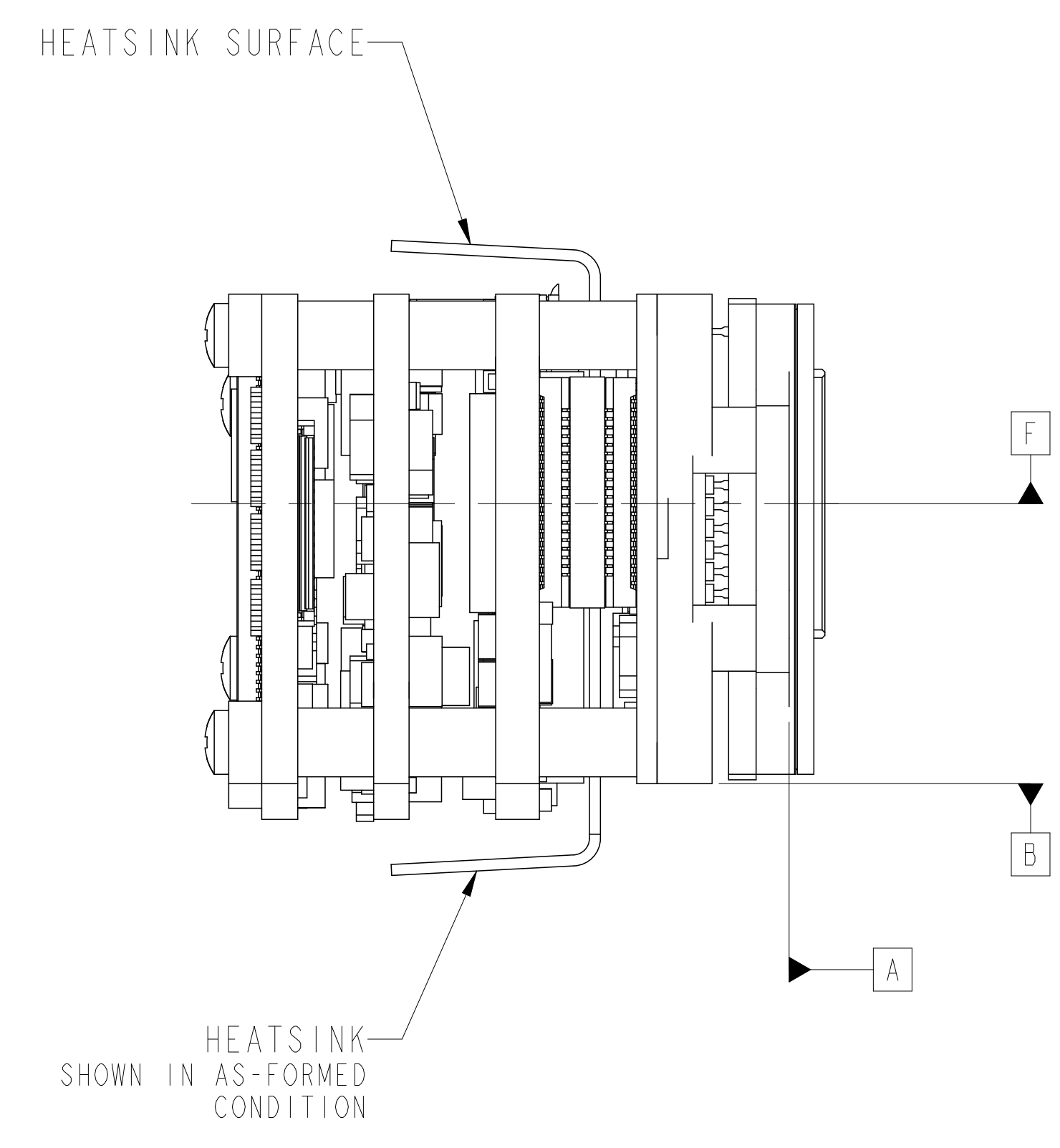
ALL SHEETS SAME REVISION

BAE SYSTEMS
INFORMATION AND ELECTRONIC
SYSTEMS INTEGRATION, INC.

TWV640 MODULE

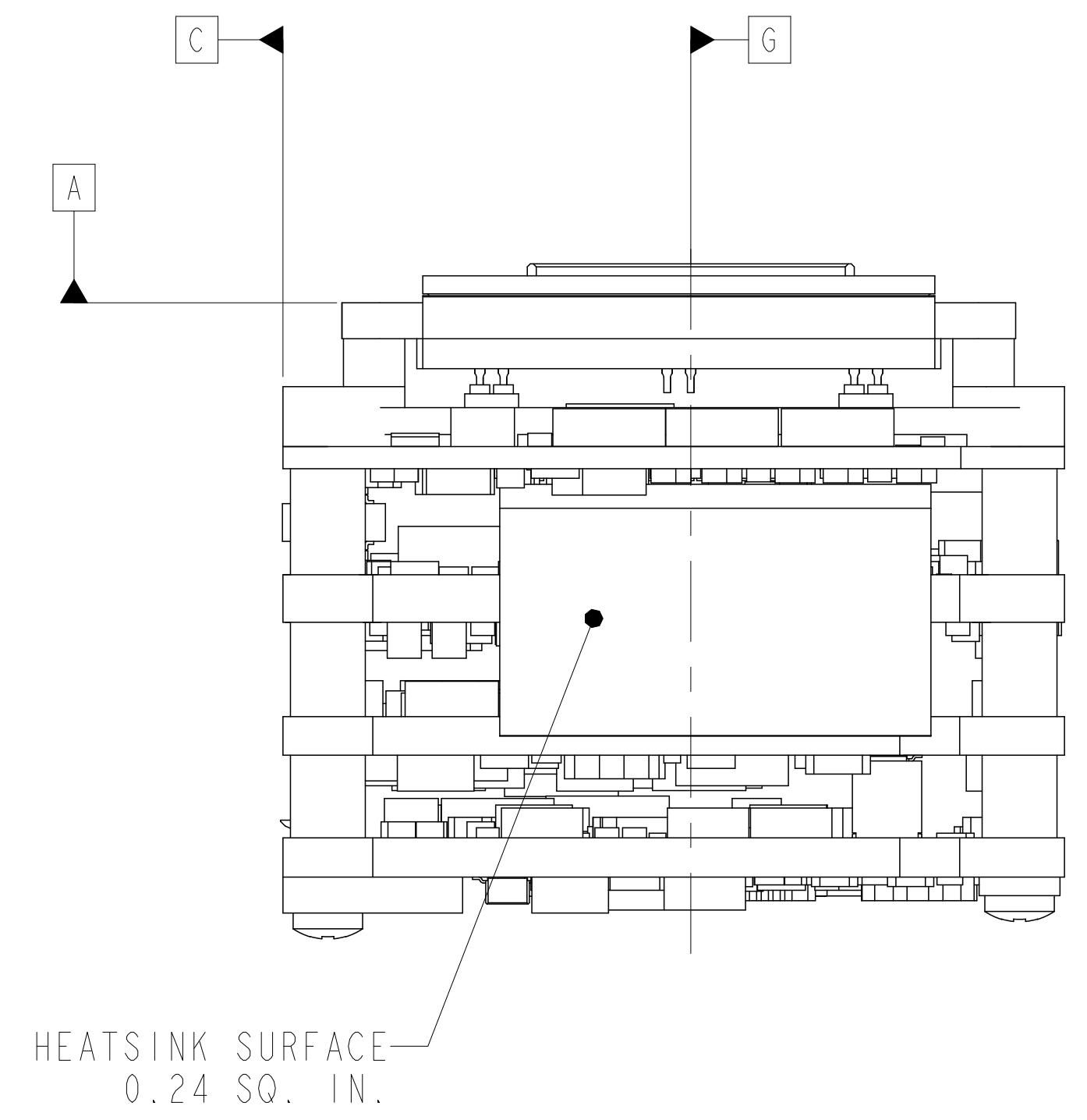


TWV640 CORE MODULE
ISOMETRIC VIEWS SHOWN
FOR REFERENCE ONLY



HIROSE 80 POS 0.4MM PITCH DOUBLE ROW PIN HEADER
VERTICAL, SMT, BOARD-TO-BOARD
PN : DF40C-80DP-0.4V(S1)
CAGE CODE : 0AG18

ACTIVE AREA
SEE SHEET 1



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FOR DIMENSIONS NOT SHOWN
SEE SHEET 1

SIZE	CAGE CODE	DWG NO	REV
E	81395	8507493	A
SCALE: 4/1		SHEET 2	

DWG NO 8507493 SHEET 2

