

NOTES: UNLESS OTHERWISE SPECIFIED

1. INDICATED DIMENSIONS ARE FOR AN ARRAY SIZE OF 320x256@12µm.

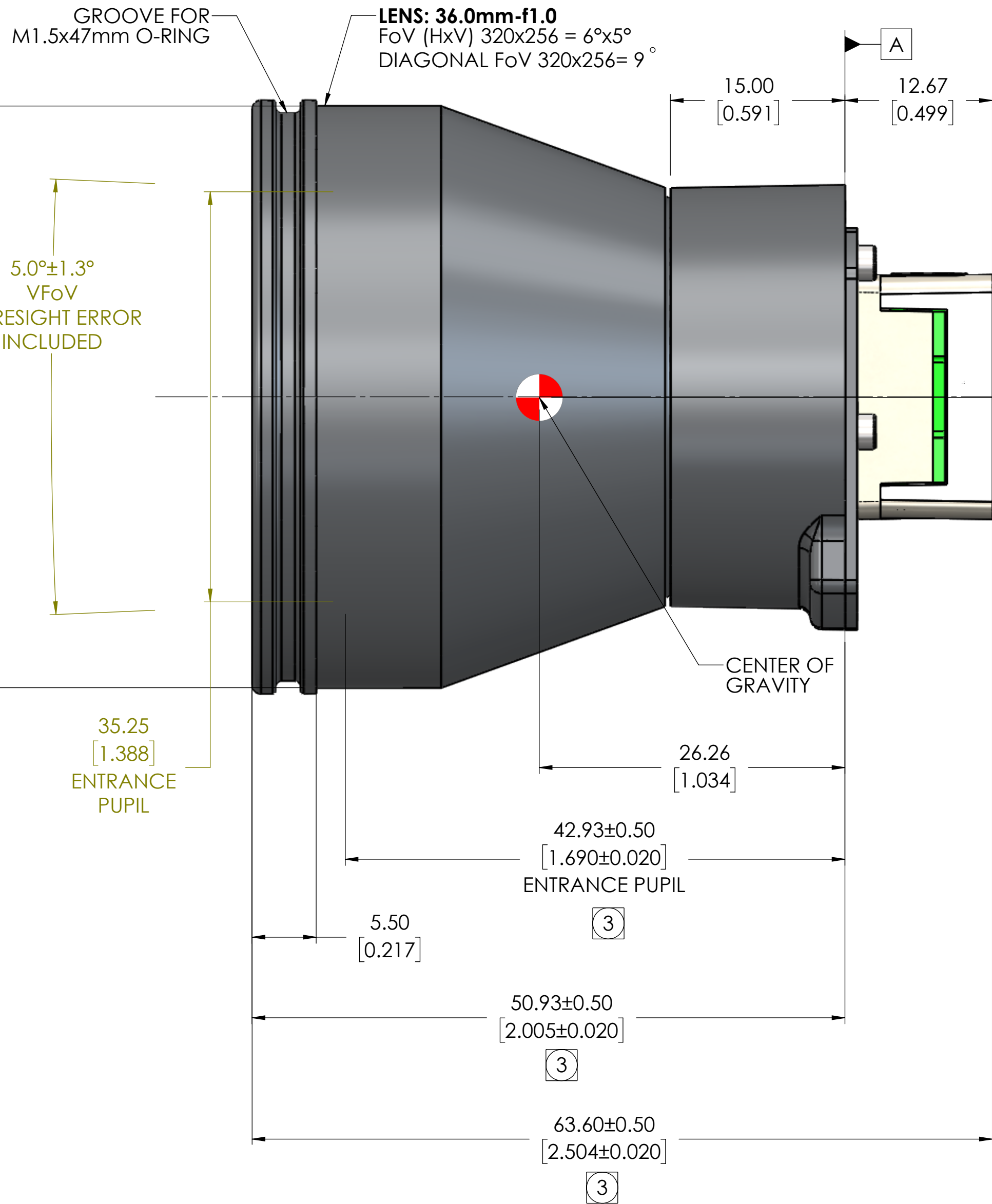
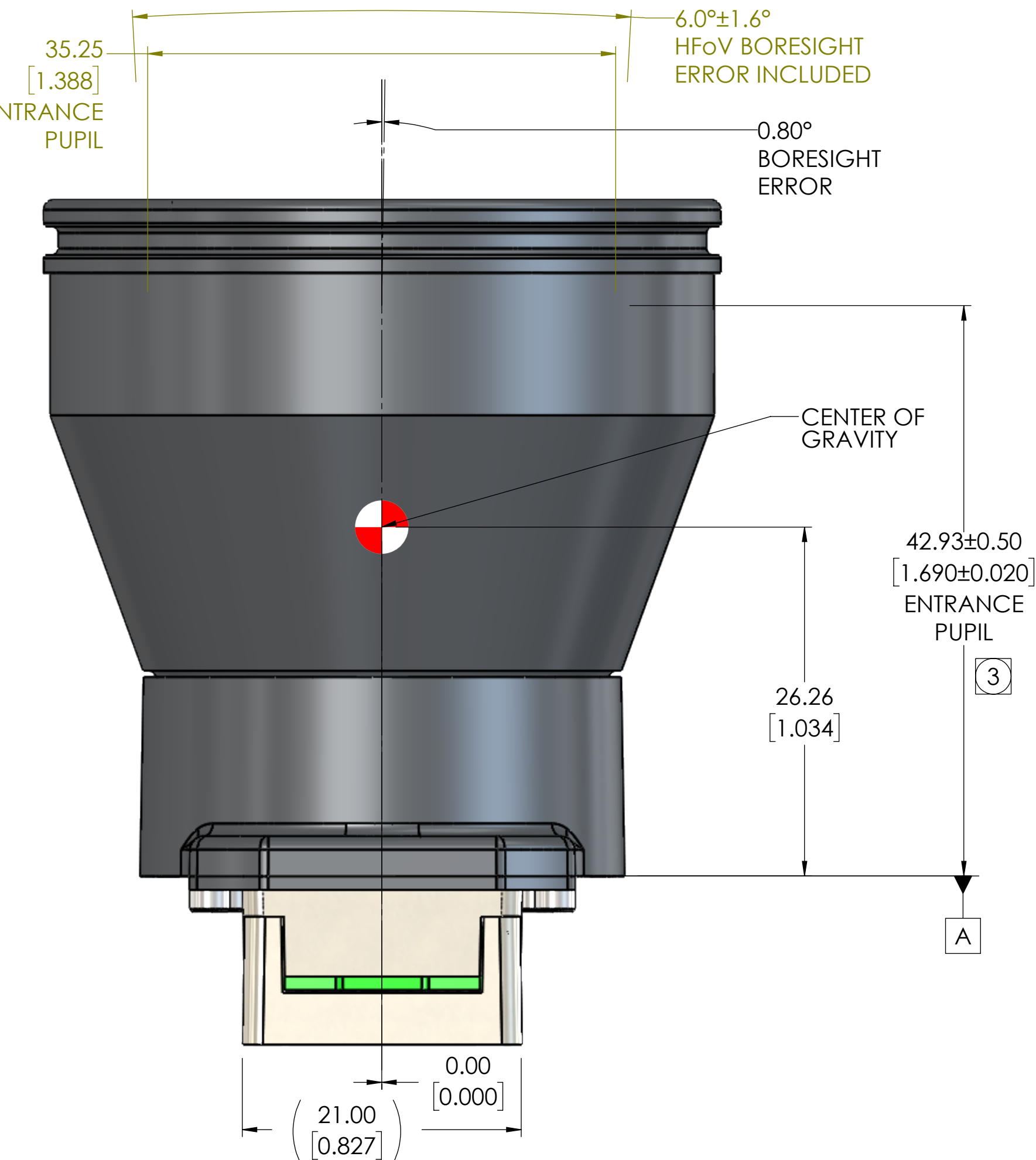
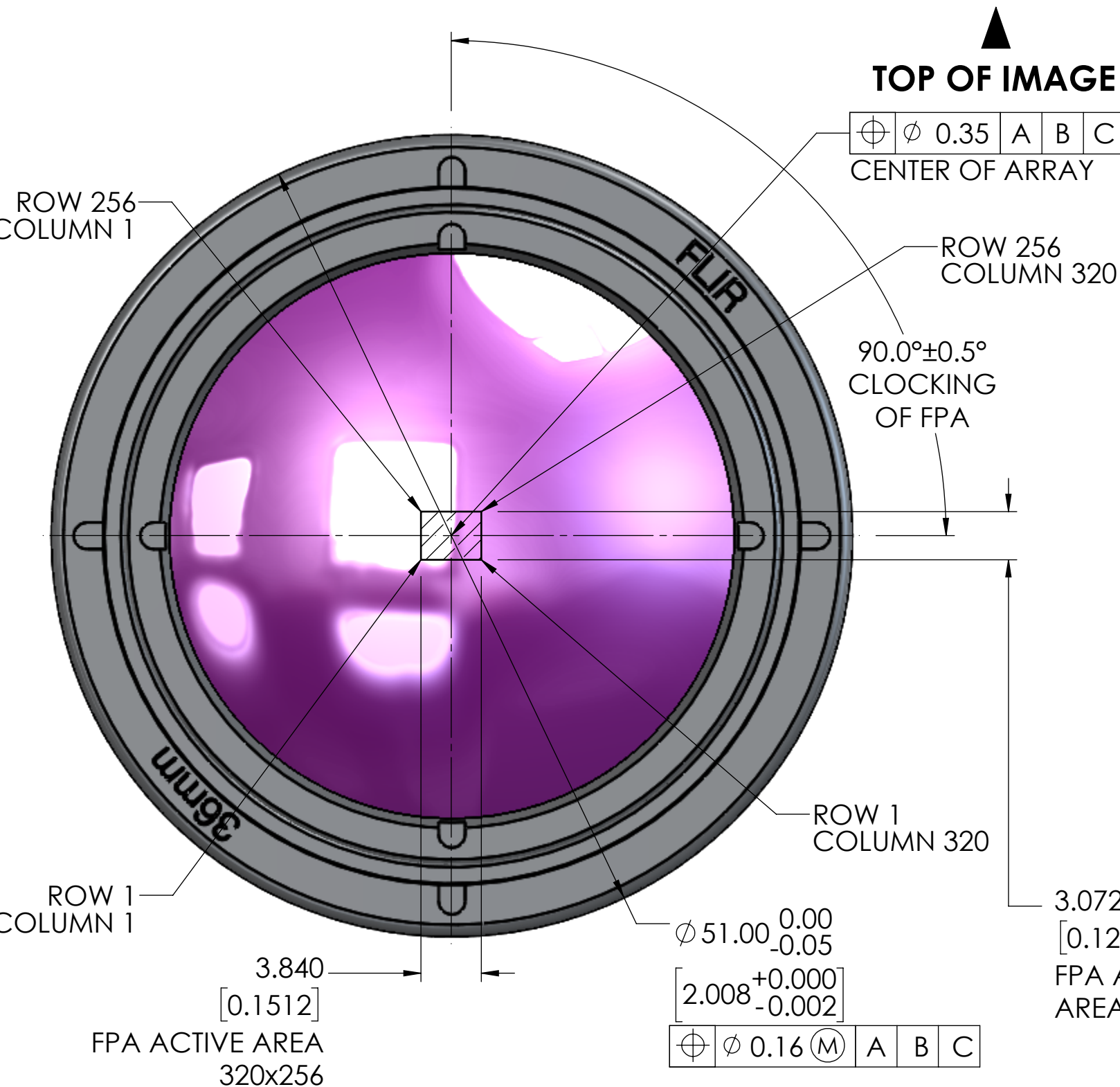
2. CONECTOR INTERFACE: HIROSE DF40C-80DP-0.4V(51). MATING CONNECTOR HIROSE DF40C(4.0)80DS-0.4V(51). FOR PIN-OUT DESIGNATIONS SEE BOSON CAMERA USER MANUAL.

3. INDICATED ALLOWABLE TRAVEL FOR LENS FOCUS (±0.50mm).

4. CAMERA WEIGHT NO LENS 13.63 GRAMS, LENS WEIGHT, 36.0mm-f1.0: 115.00 GRAMS. TOTAL CAMERA WEIGHT: 128.63 GRAMS

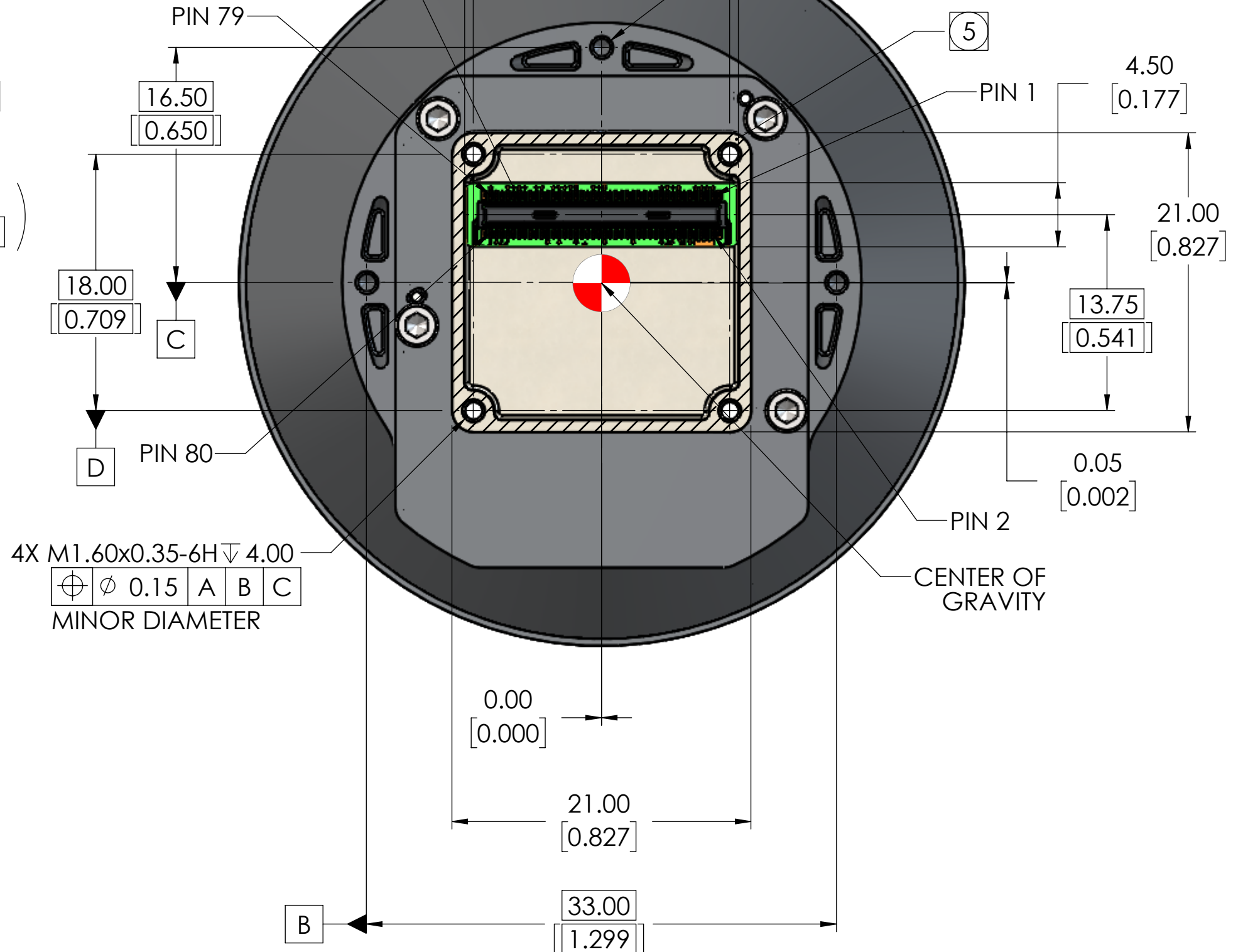
5. THE INDICATED SURFACE IS THE MOST OPTIMAL MOUNTING/HEATSINKING SURFACE IN ORDER TO PROVIDE THE MOST UNIFORM THERMAL PERFORMANCE OF THE BOSON CAMERA CORE.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	P01	PRELIMINARY	05/19/2016	
	P02	REVISED TO ITAR DESIGNATION	10/10/2016	

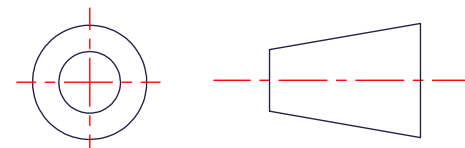


CONNECTOR HEADER HIROSE DF40C-80DP-0.4V(51) MATING CONNECTOR STACKING HEIGHT 4.0mm OUTER PINS ON CONNECTOR FOR MECHANICAL SUPPORT ONLY

0.20 [A D E]



THIRD ANGLE PROJECTION



METRIC

INTERPRET DRAWING PER ASME Y14.5M-1994

UNLESS OTHERWISE SPECIFIED SURFACE ROUGHNESS 32

X = ±.25

XX = ±.13

ANGULAR = ±.5°

FILLET RADII = .13 MAX

PROPRIETARY - FLIR SYSTEMS, INC.

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THIS DOCUMENT DOES NOT CONTAIN ANY EXPORT-CONTROLLED INFORMATION.

MATERIAL		PROJECT NO.		APPROVALS		DATE		TITLE	
FINISH		DWN		COVINGTON		6/10/16		IDD, BOSON 320 CAMERA CORE, 36.0mm-f1.0	
UNLESS OTHERWISE SPECIFIED ALL MEASUREMENTS ARE IN MM. ALL DIMENSIONS IN ( ) ARE INCHES. DO NOT SCALE DRAWING.		DSGN		ENG		APP		SIZE D CAGE 064Y2 DWG NO. 20-320 36.0mm-f1.0 P02	
CALC WT:		SCALE 3:1		PRINTED: 4/28/2020		SHEET 1 OF 1		SOLIDWORKS MODEL: 20-Boson Camera Core MODEL REVISION: N	

DWG NO. 20-320 36.0mm-f1.0 SH 1 REV P02