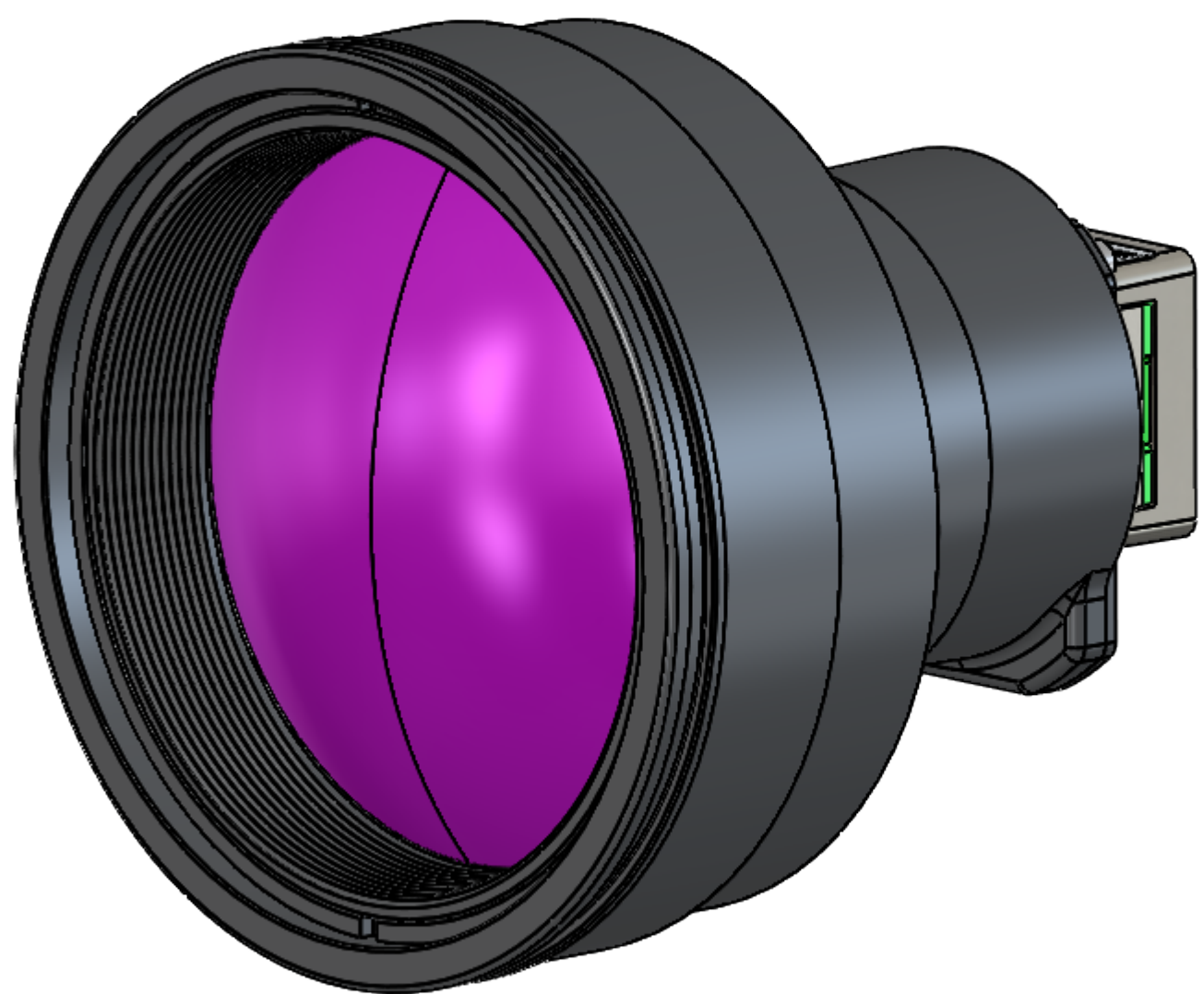
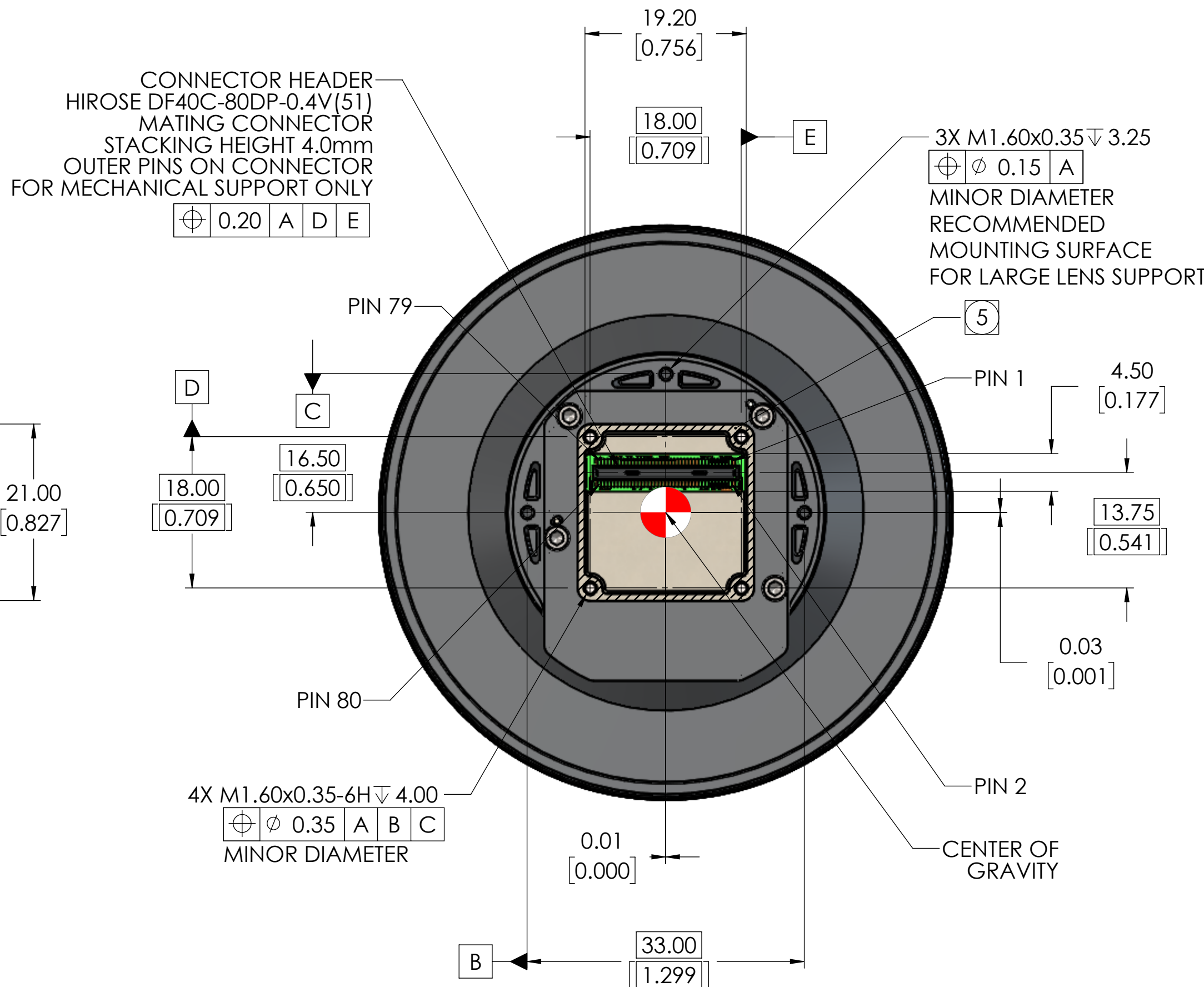
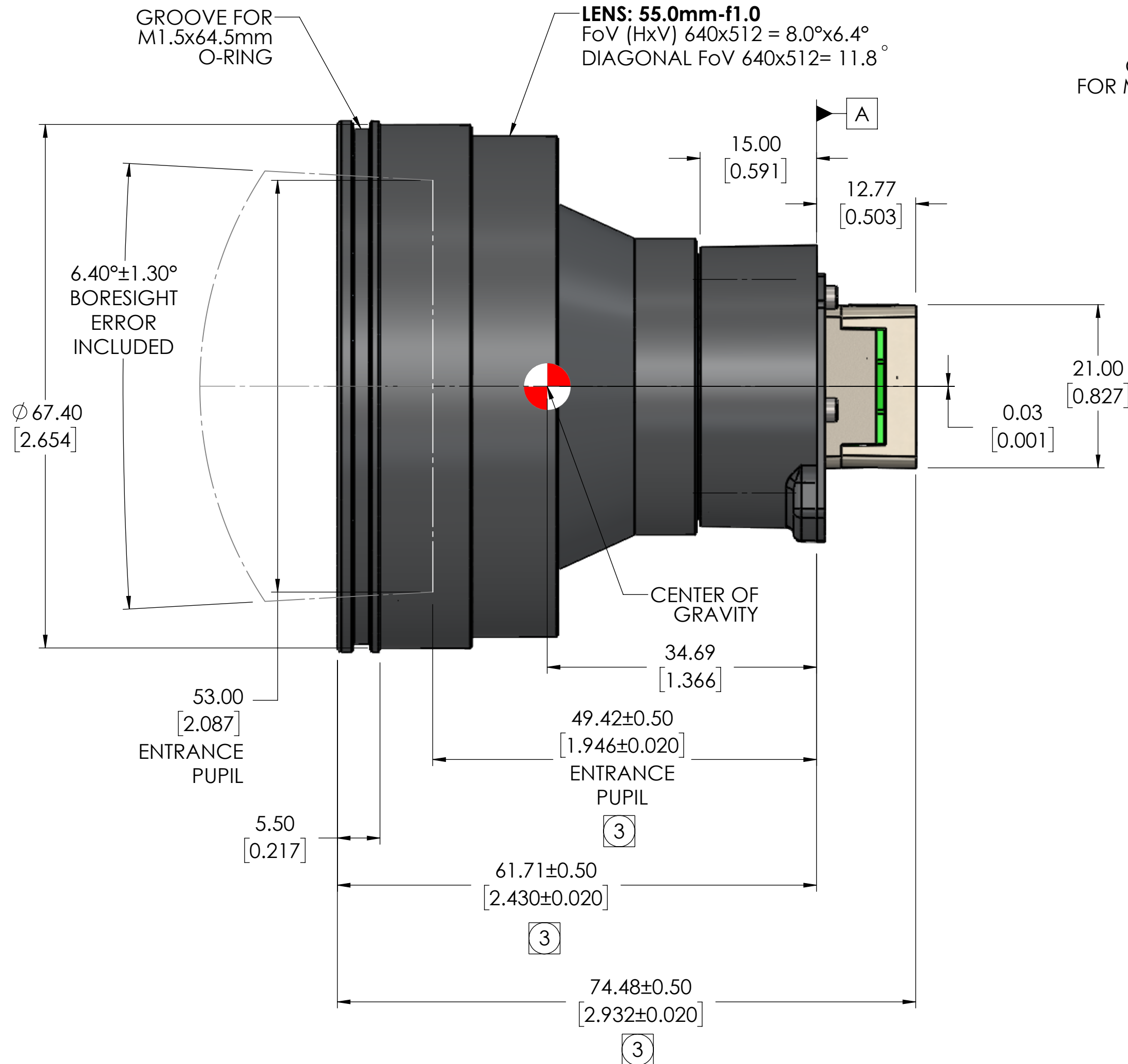
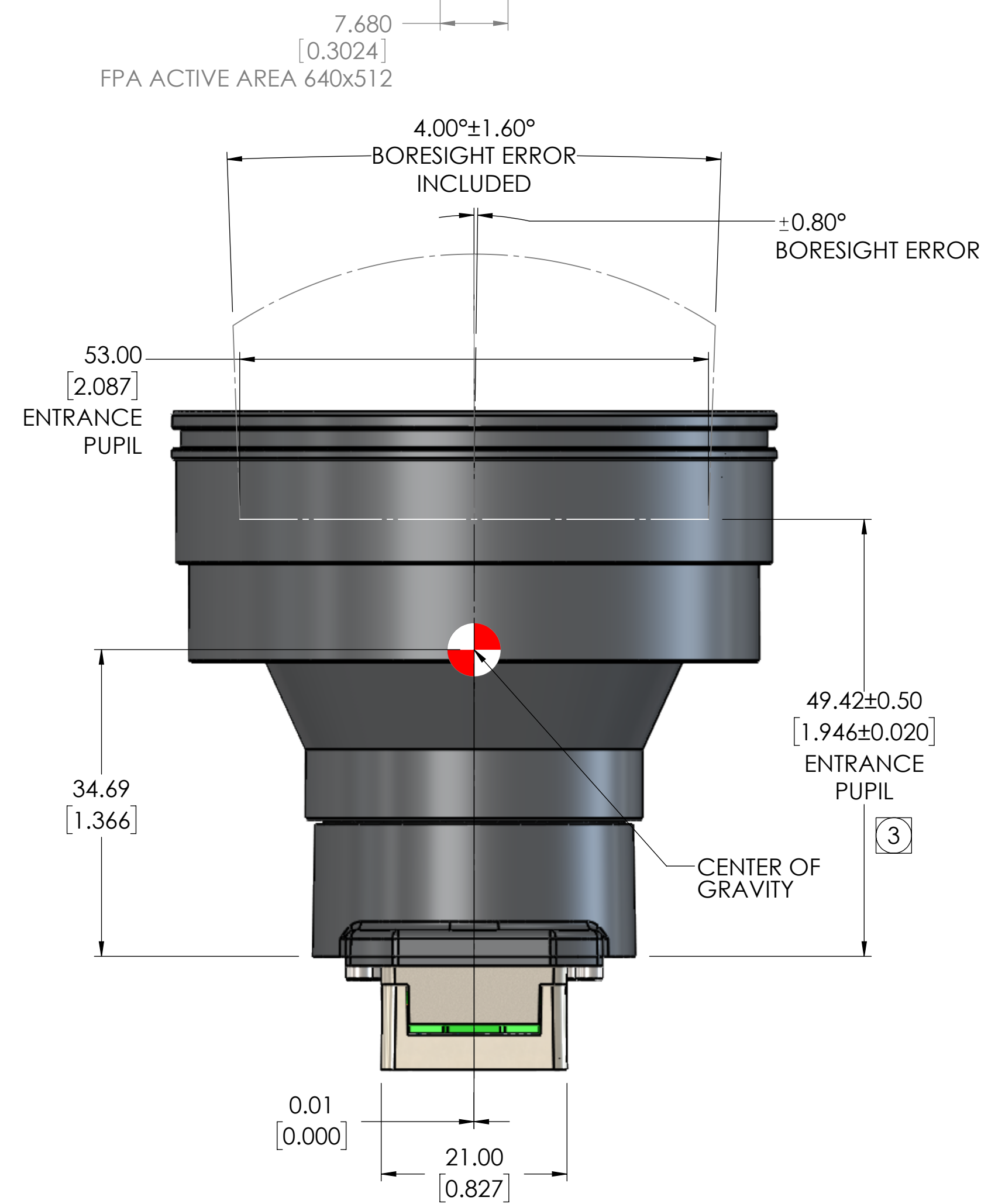
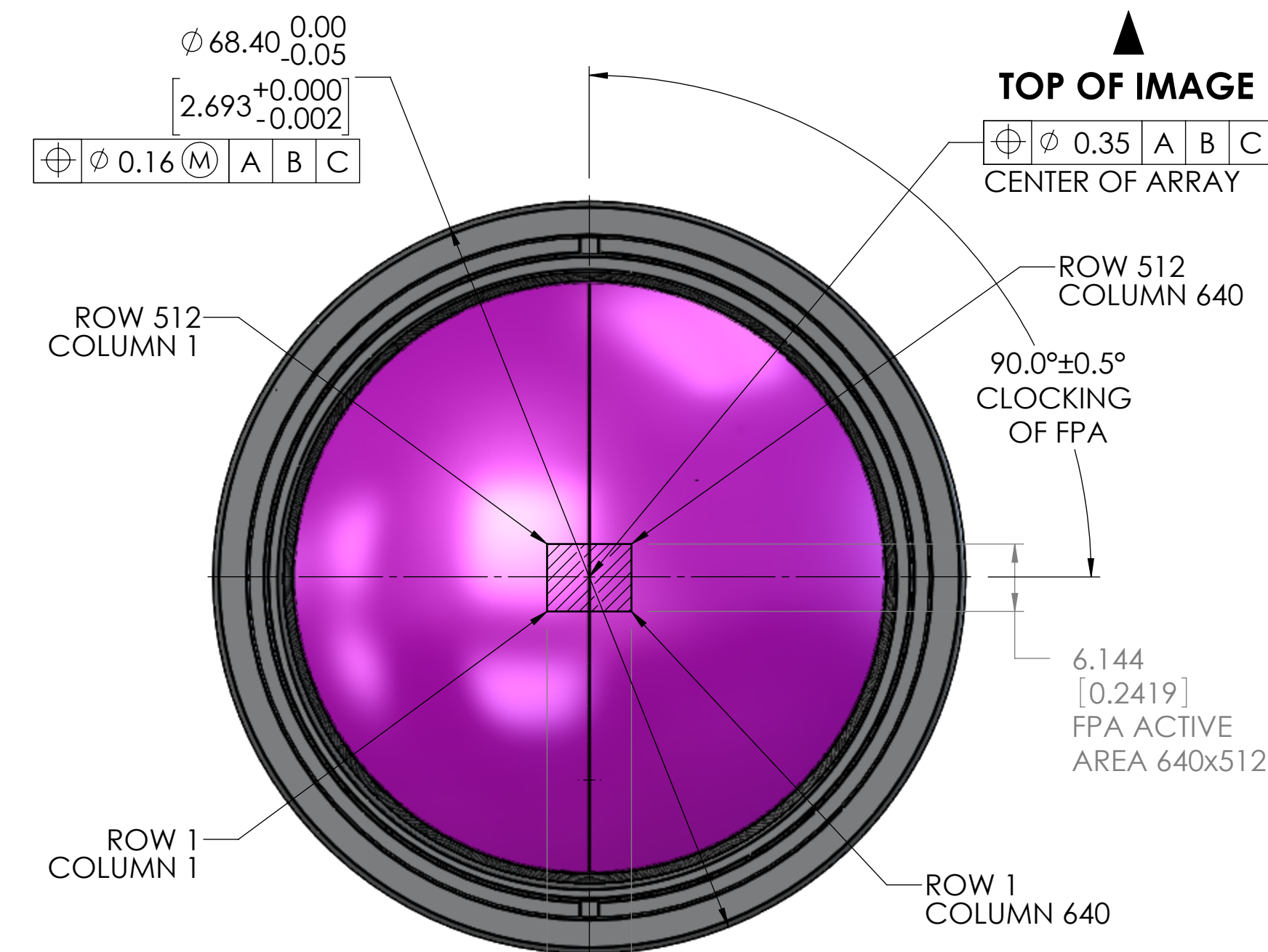


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	P01	PRELIMINARY	09/23/2018	

NOTES: UNLESS OTHERWISE SPECIFIED

1. INDICATED DIMENSIONS ARE FOR AN ARRAY SIZE OF 640x512@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 FOCUS (±0.50mm).
4. CAMERA WEIGHT NO LENS 11.37 GRAMS, LENS WEIGHT, 55.0mm-f1.0: 118.0 GRAMS. TOTAL CAMERA WEIGHT: 129.37 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.



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.

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION TO FLIR SYSTEMS, INC. THIS INFORMATION MUST BE MAINTAINED IN CONFIDENCE AND USED ONLY IN A MANNER CONSISTENT WITH THE DOCUMENTATION AND ANY EXECUTED NON DISCLOSURE AGREEMENT, AND MAY NOT BE DISCLOSED TO ANY THIRD PERSON WITHOUT FLIR'S WRITTEN CONSENT.

THIS DOCUMENT DOES NOT CONTAIN ANY EXPORT-CONTROLLED INFORMATION.

MATERIAL

FINISH

UNLESS OTHERWISE SPECIFIED ALL MEASUREMENTS ARE IN MM. ALL DIMENSIONS IN ( ) ARE INCHES. DO NOT SCALE DRAWING.

CALC WT:

PROJECT NO.

APPROVALS

DATE

COVINGTON

09/24/18

CHK

DSGN

ENG

APP

TITLE

SIZE

CAGE

DWG NO.

REV

IDD, BOSON 640 SHUTTERLESS CAMERA CORE, 55.0mm-f1.0

D

064Y2

21-640 55.0mm-f1.0

P01

SCALE

PRINTED

SHEET

1 OF 1

2:1

4/30/2020

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SOLIDWORKS MODEL: 21-Boson Shutterless Camera Core

MODEL REVISION: F

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