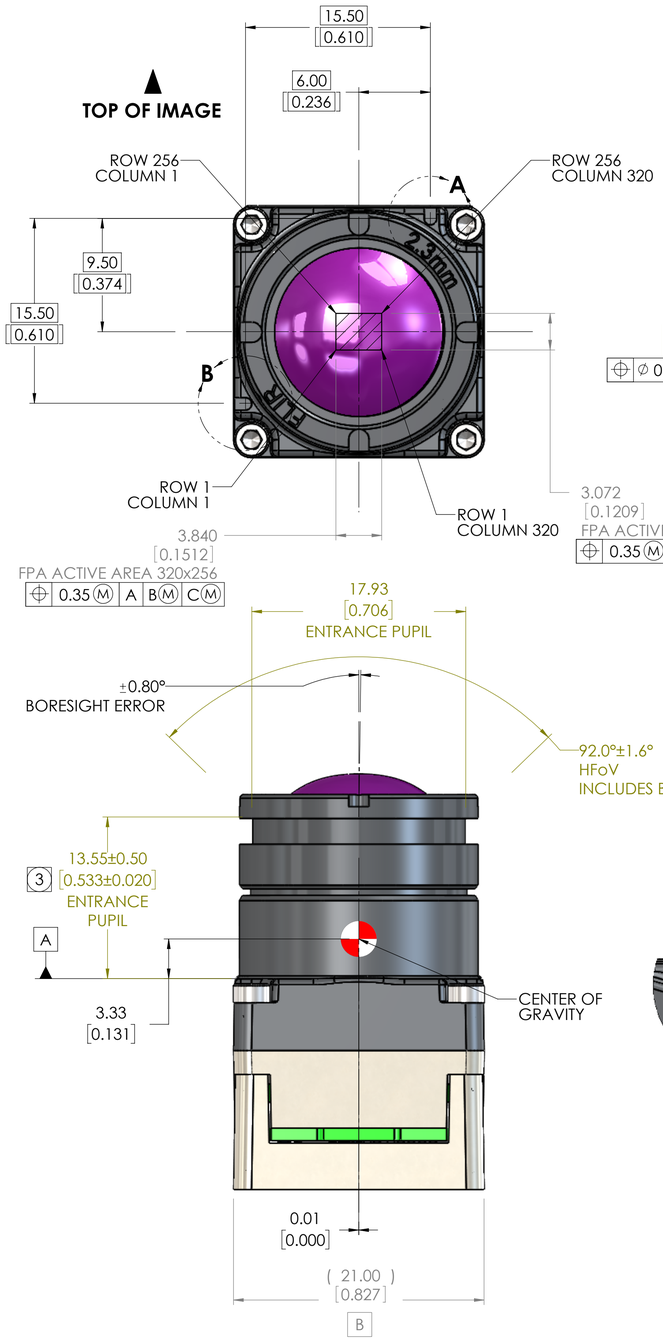
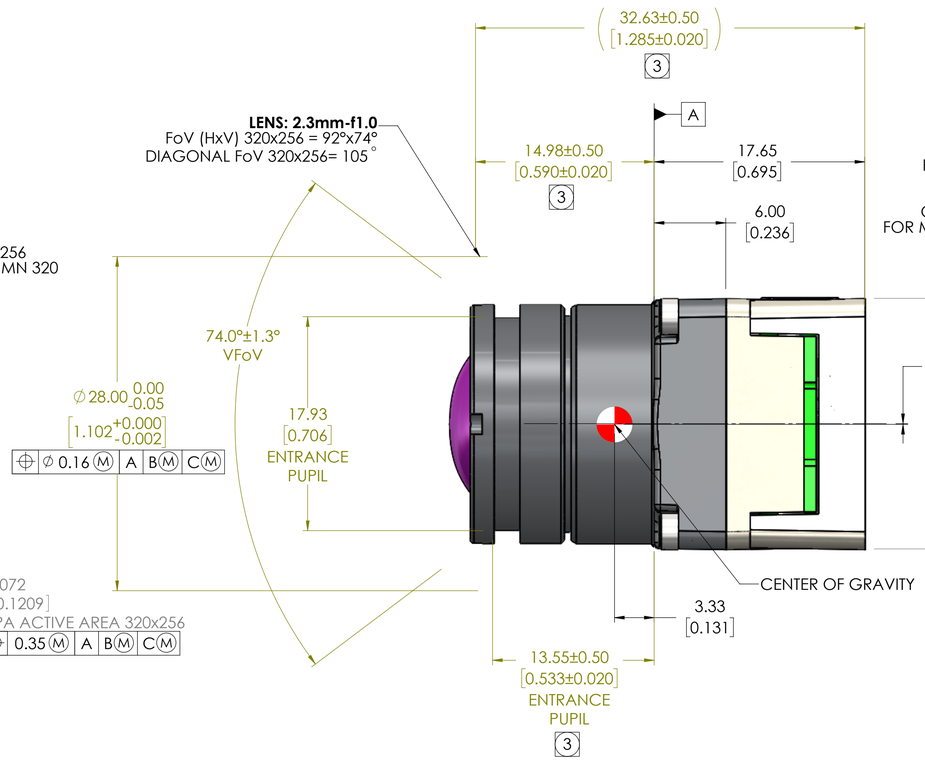
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
P01	PRELIMINARY	05/19/2016	
P02	ADDED ITAR STATUS	08/09/2016	

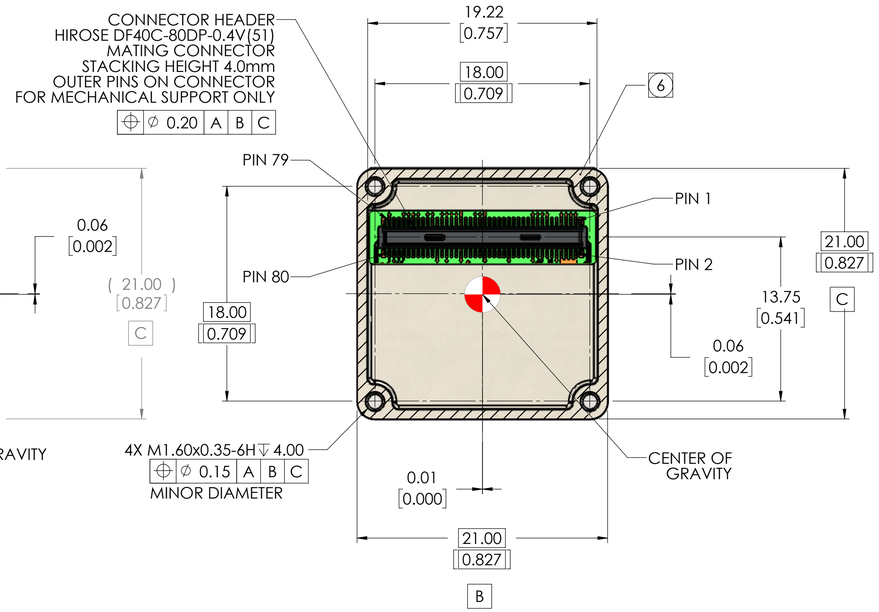
NOTES: UNLESS OTHERWISE SPECIFIED

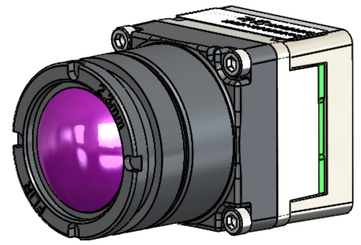
1. INDICATED DIMENSIONS ARE FOR AN ARRAY SIZE OF 320x256@12µm.
2. CONECTOR INTERFACE: HIROSE DF40C-80DP-0.4V(51). MATING CONNECTOR HIROSE DF40C(4.0)80DS-0.4V(51). FOR PIN-OUT DESIGNATIONS SEE BOSON CAMERA USER MANUAL.
3. INDICATED ALLOWABLE TRAVEL FOR FOCUS (±0.50mm).
4. CAMERA WEIGHT NO LENS 10.06 GRAMS, LENS WEIGHT, 2.3mm-f1.0: 20.3 GRAMS. TOTAL CAMERA WEIGHT: 30.36 GRAMS

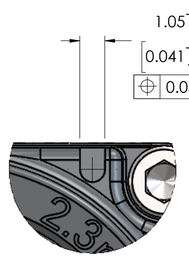
6 THE INDICATED SURFACE IS THE MOST OPTIMAL MOUNTING/HEATSINKING SURFACE IN ORDER TO PROVIDE THE MOST UNIFORM THERMAL PERFORMANCE OF THE BOSON CAMERA CORE.



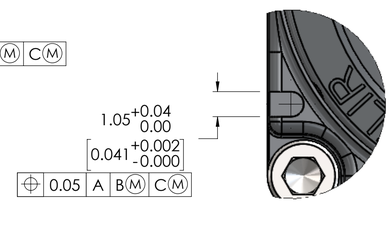








DETAIL A
SCALE 8 : 1



DETAIL B
SCALE 8 : 1

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

FINISH

UNLESS OTHERWISE SPECIFIED ALL MEASUREMENTS ARE IN MM. ALL DIMENSIONS IN [ ] ARE INCHES. DO NOT SCALE DRAWING.

CALC WT:

PROJECT NO.

APPROVALS	DATE
DWN COVINGTON	06/06/16
CHK	
DSGN	
ENG	
APP	

FLIR Systems, Inc.
6769 Hollister Ave
Goleta, CA 93117

TITLE: **IDD, BOSON 320 CAMERA CORE, 2.3mm-f1.0**

SIZE	CAGE	DWG NO.	REV
D	064Y2	20-320 2.3mm-f1.0	P02

SCALE 4:1 | PRINTED: 4/28/2020 | SHEET 1 OF 1

SOLIDWORKS MODEL: 20-Boson Camera Core
MODEL REVISION: N

DWG NO. 20-320 2.3mm-f1.0 SH 1 REV P02