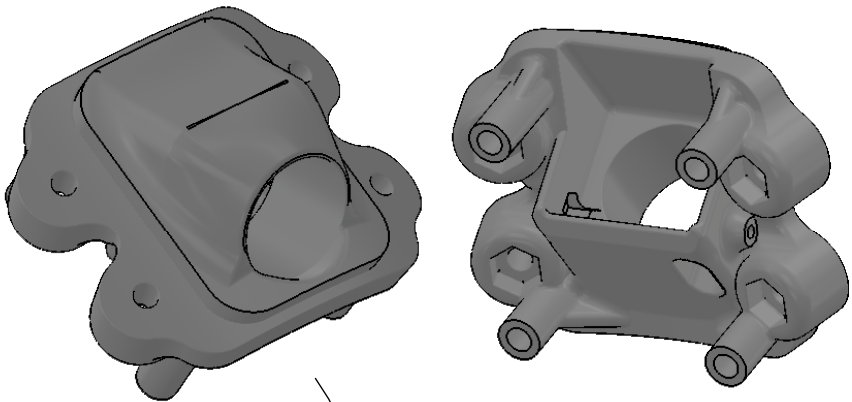
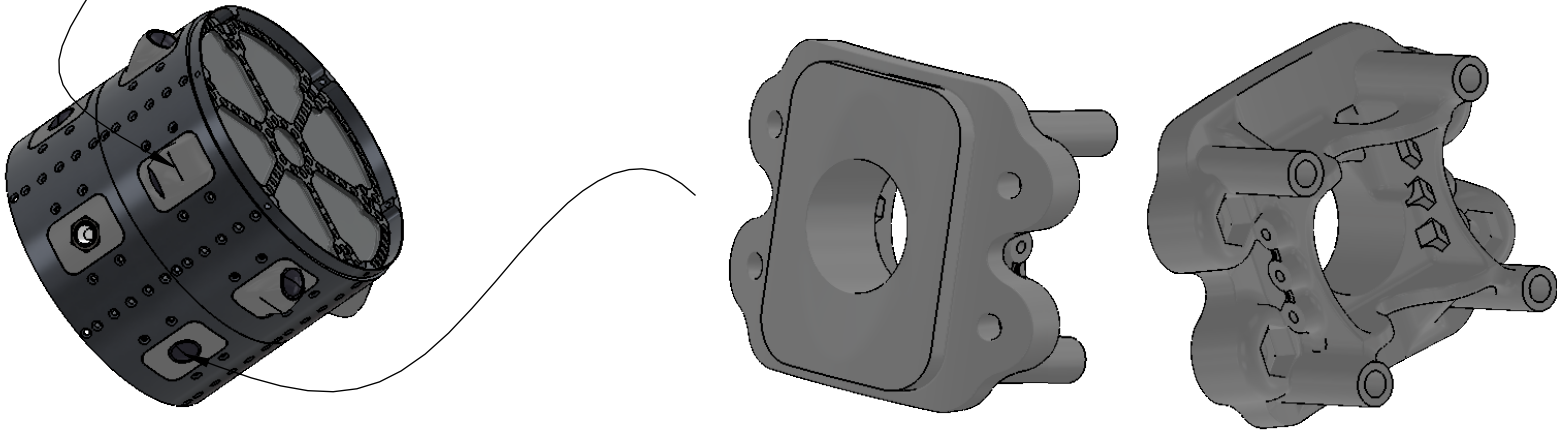



Axial Camera Cradle



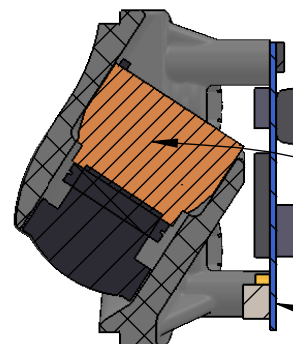
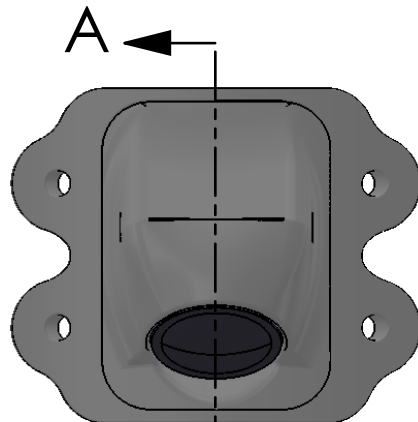
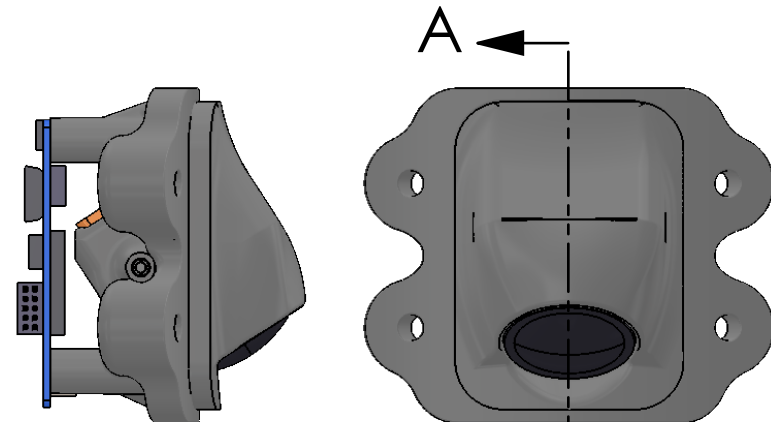
Horizontal Camera Cradle



		NAME	DATE	Description: reference drawings for LV3's 360-degree camera module
	DRAWN	Joe S.	3/15/2018	
	CHECKED	--		
	ENG APPR.	--		
	MFG APPR.	--		
COMMENTS:				DWG. NO.
				--
				REV
				i
				SIZE
				A
				SCALE: 1:1
				SHEET 1 OF 7

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL: 1/32
 ANGULAR: MACH ± BEND ±
 TWO PLACE DECIMAL ±.01
 THREE PLACE DECIMAL ±.001

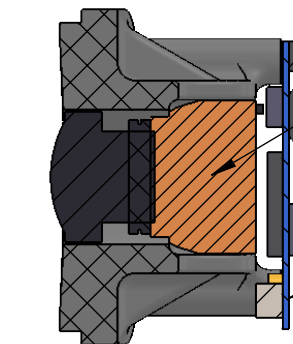
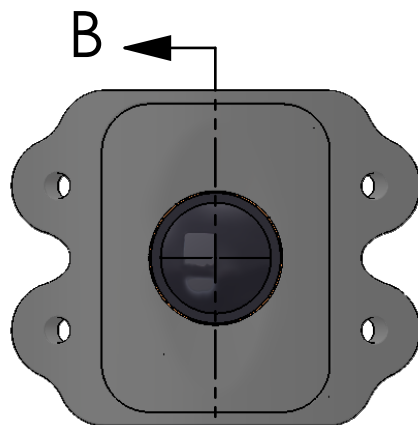
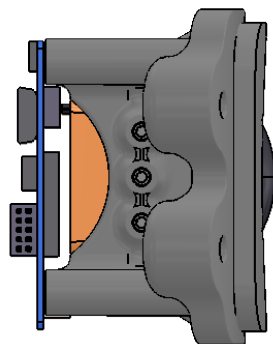
6 5 4 3 2 1



SECTION A-A

RunCam Split 2

Controller Board



SECTION B-B



	NAME	DATE
DRAWN	Joe S.	3/15/2018
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

Description:
major components of
individual camera
assemblies

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: 1/32
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±.01
THREE PLACE DECIMAL ±.001

MATERIAL	Nylon
FINISH	--
Weight	
DO NOT SCALE DRAWING	

COMMENTS:

DWG. NO.		
--		
REV	SIZE	SCALE: 1:1
i	A	SHEET 2 OF 7

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6 5 4 3 2 1

D

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C

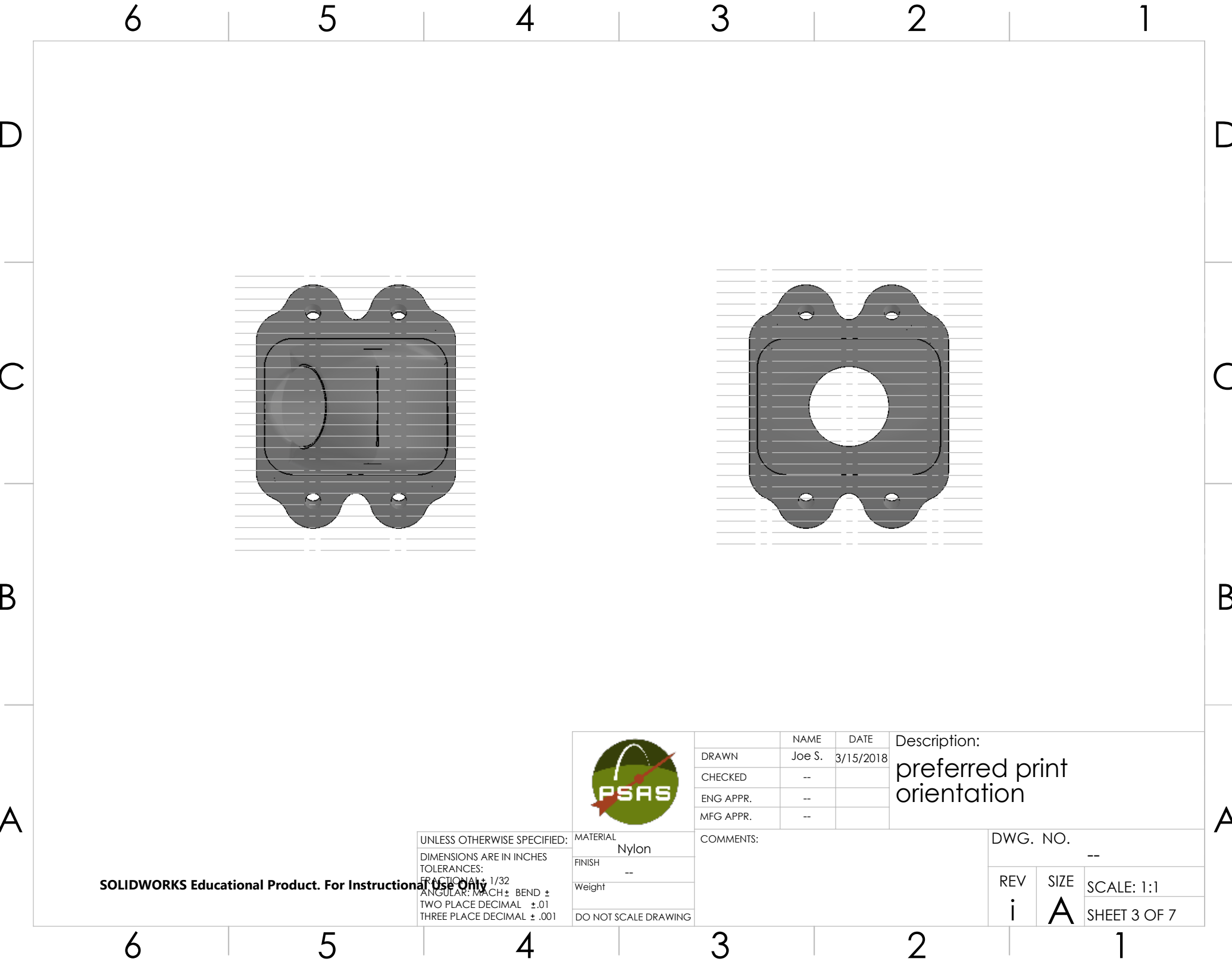
C

B

B

A

A



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DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: 1/32
ANGULAR: MACH \pm BEND \pm
TWO PLACE DECIMAL \pm .01
THREE PLACE DECIMAL \pm .001

	MATERIAL
	Nylon
	FINISH
	--
Weight	
DO NOT SCALE DRAWING	

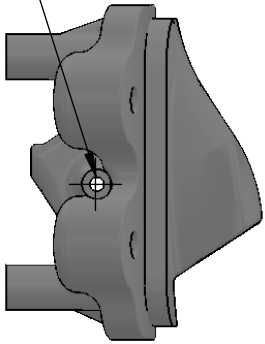
	NAME	DATE
DRAWN	Joe S.	3/15/2018
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

Description:

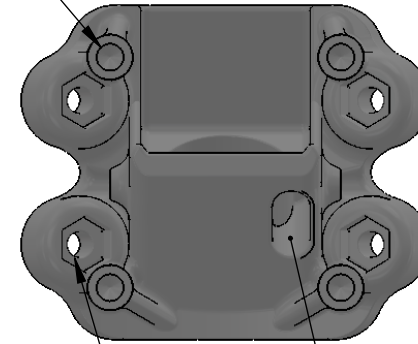
preferred print orientation

DWG. NO.	--		
REV	SIZE	SCALE: 1:1	
i	A	SHEET 3 OF 7	

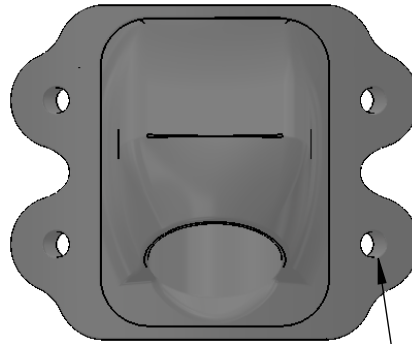
0-80x1/4"
SOCKET HEAD SCREW (X2)



4-40 HEAT-PRESS INSERT (X4)
(GLUE IN)



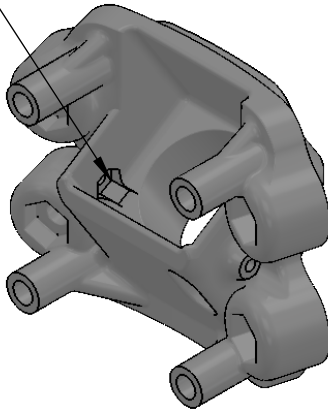
4-40x1/2" 100° V SCREW (X4)



4-40 NUT (X4)

CAMERA EXTRACTION HOLE
(INSERT SCREWDRIVER)

0-80 NUT (X2)



	NAME	DATE
DRAWN	Joe S.	3/15/2018
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

Description:
fastener locations for
axial cameras

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: 1/32
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±.01
THREE PLACE DECIMAL ±.001

MATERIAL
Nylon
FINISH
--
Weight
DO NOT SCALE DRAWING

COMMENTS:

DWG. NO.

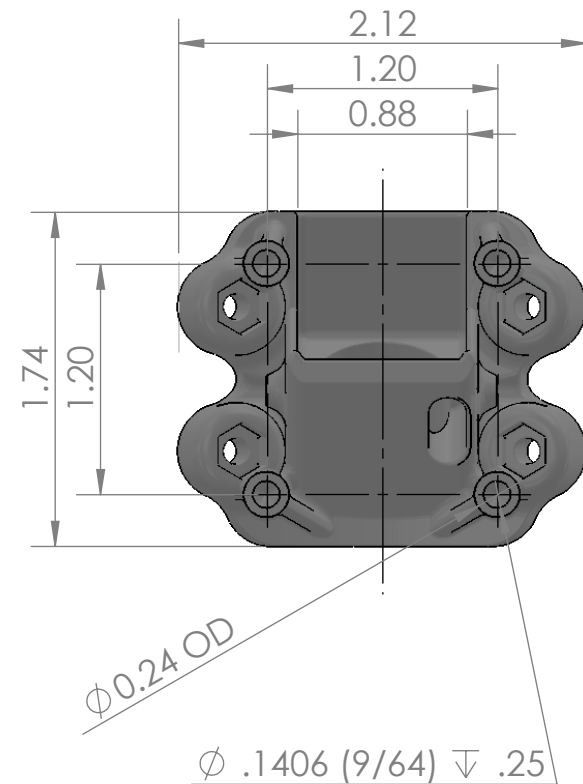
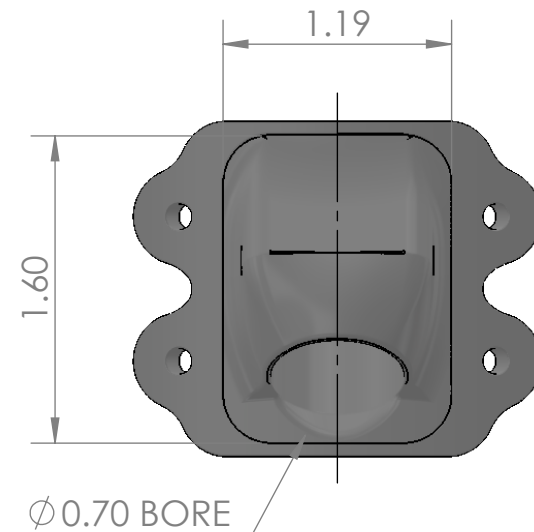
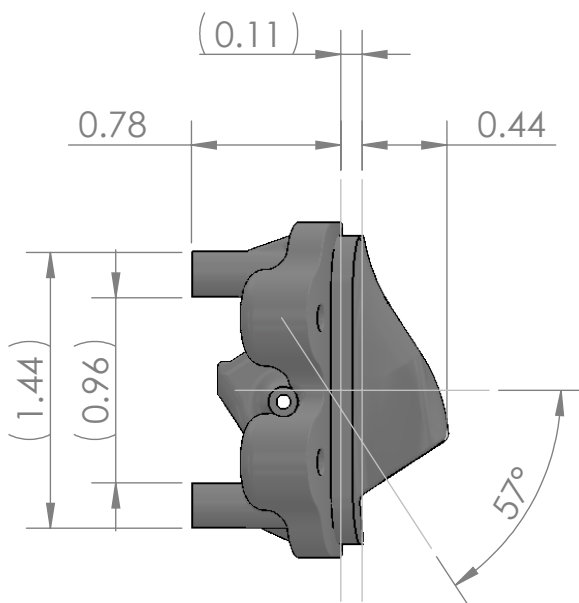
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REV
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SIZE
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SCALE: 1:1
SHEET 4 OF 7

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 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL: 1/32
 ANGULAR: MACH ± BEND ±
 TWO PLACE DECIMAL ±.01
 THREE PLACE DECIMAL ±.001



MATERIAL
 Nylon
 FINISH
 --
 Weight
 --
 DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	Joe S.	3/15/2018
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

COMMENTS:

Description:
 reference dimensions for
 axial cameras

DWG. NO.		
--		
REV	SIZE	SCALE: 1:1
i	A	SHEET 5 OF 7

6

5

4

3

2

1

0-80x1/4"
SOCKET HEAD SCREW (X6)

4-40 HEAT-PRESS INSERT (X4)
(GLUE IN)

0-80 NUT (X6)

4-40x1/2" 100° SCREW (X4)

4-40 NUT

CAMERA EXTRACTION HOLE
(INSERT SCREWDRIVER)



	NAME	DATE
DRAWN	Joe S.	3/15/2018
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

Description:
fastener locations for
horizontal cameras

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONS: 1/32
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±.01
THREE PLACE DECIMAL ±.001

MATERIAL
Nylon
FINISH
--
Weight
DO NOT SCALE DRAWING

COMMENTS:

DWG. NO.

--

REV
i

SIZE
A

SCALE: 1:1
SHEET 6 OF 7

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6

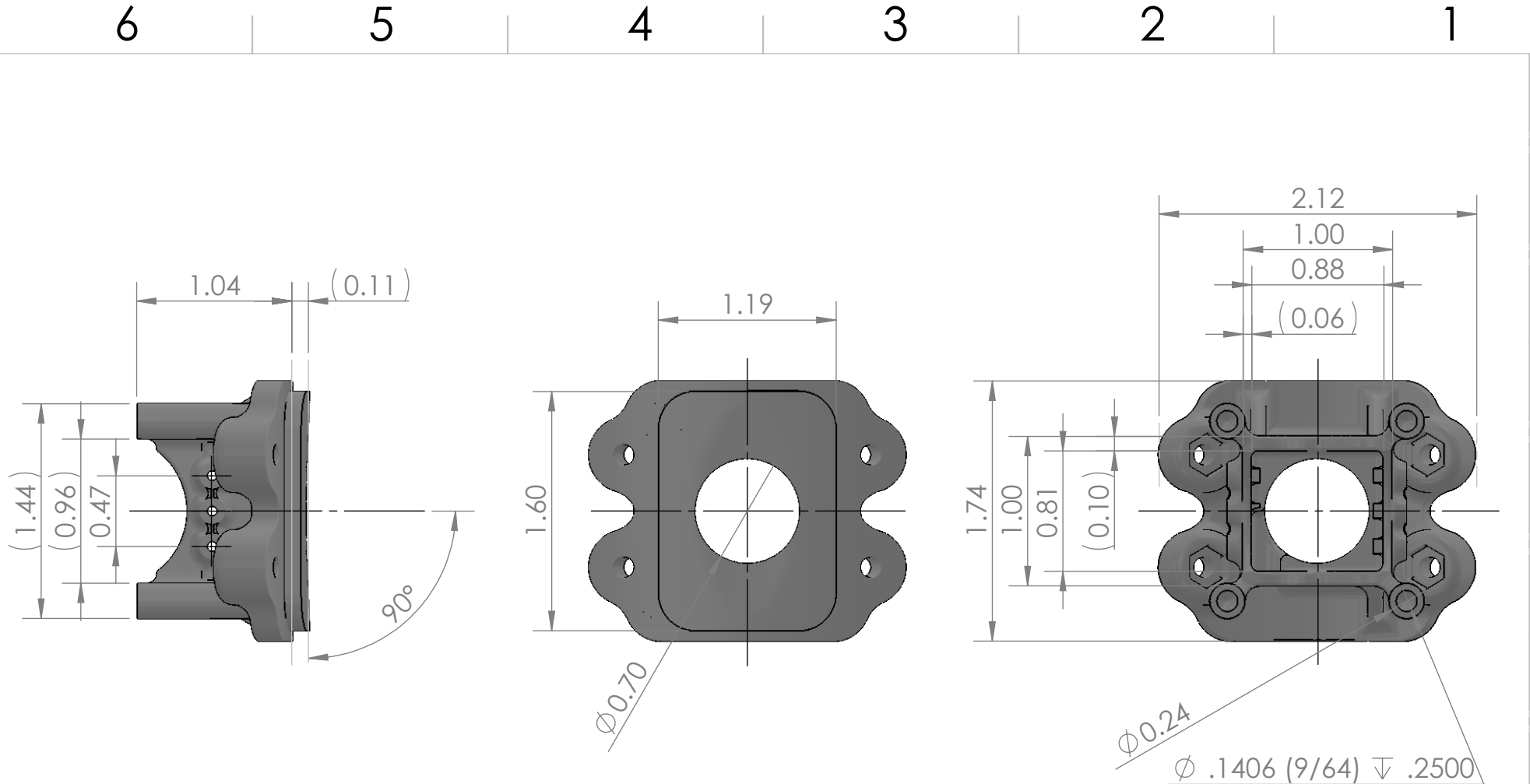
5

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 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL: 1/32
 ANGULAR: MACH \pm BEND \pm
 TWO PLACE DECIMAL $\pm .01$
 THREE PLACE DECIMAL $\pm .001$

	MATERIAL
	Nylon
	FINISH
	--
	Weight
DO NOT SCALE DRAWING	

	NAME	DATE
DRAWN	Joe S.	3/15/2018
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

COMMENTS:

Description:
 reference dimensions for
 horizontal cameras

DWG. NO.			--
REV	SIZE	SCALE: 1:1	
i	A	SHEET 7 OF 7	