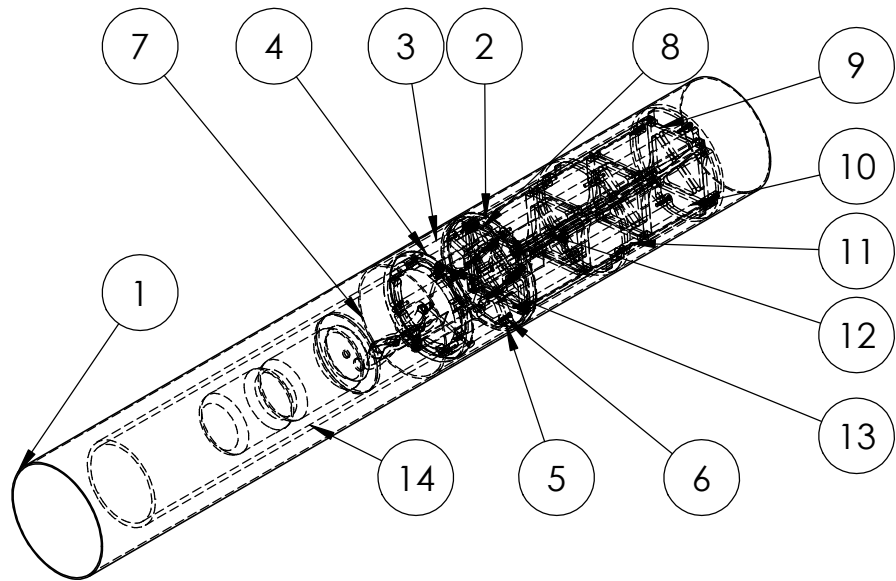


ITEM NO.	PART NUMBER	QTY.
1	tube2	1
2	payring2	1
3	Upper_rod2	4
4	sealing plate	1
5	sealing plate2	1
6	91255A151	18
7	payring3	1
8	madsmount2	1
9	MADS Mockup V1	1
10	rodpay	8
11	rail_ring	2
12	rail_angle	4
13	QRLug	2
14	RecoverySubassembly	1



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: $\pm 1/10$
ANGULAR: ± 0.05 Deg
TWO PLACE DECIMAL: ± 0.01
THREE PLACE DECIMAL: ± 0.001

MATERIAL

FINISH

DO NOT SCALE DRAWING

DRAWN

CHECKED

ENG APPR.

Q.A.

COMMENTS:

NAME DATE

TITLE:

SIZE

A

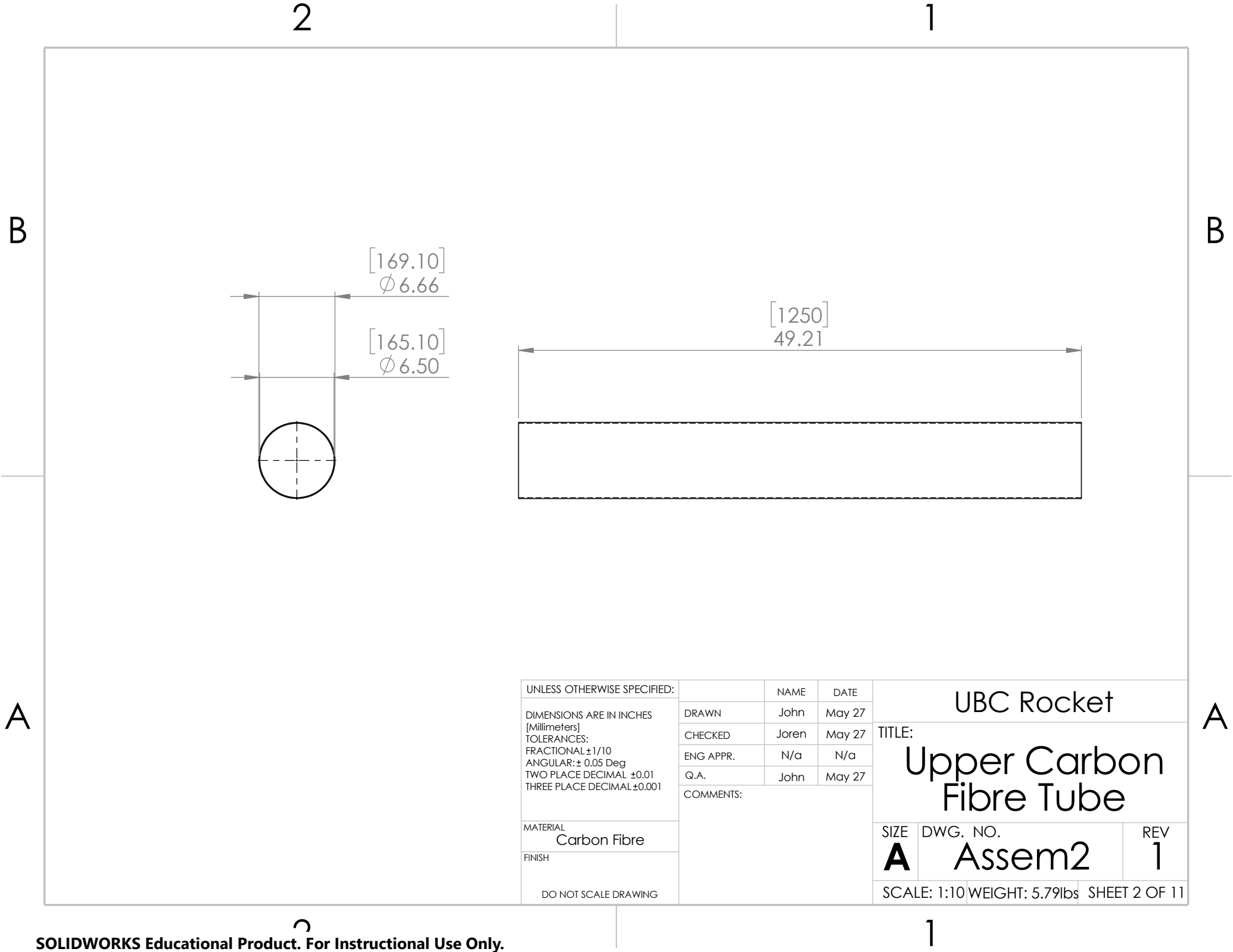
DWG. NO.

Assem2

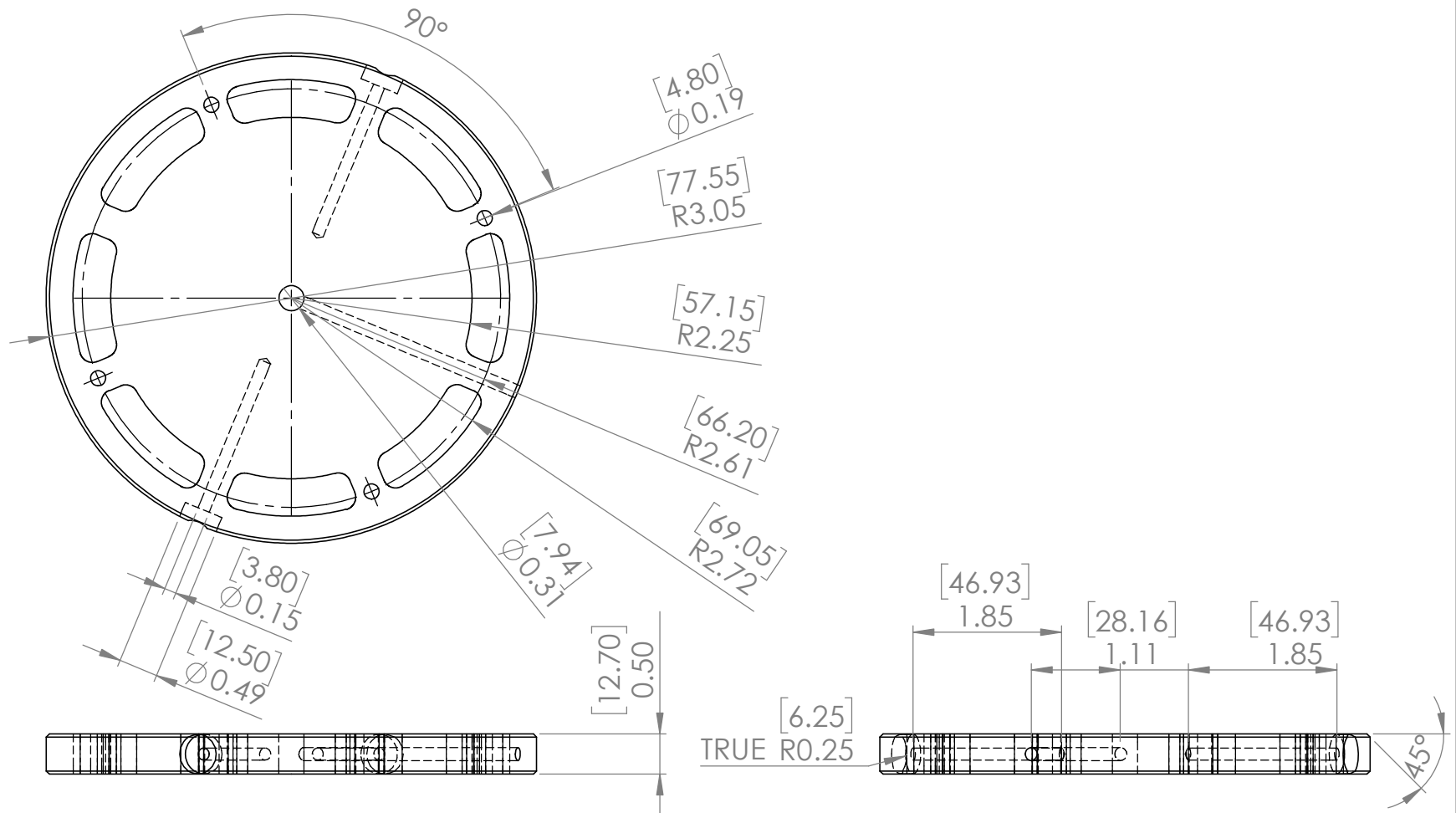
REV

SCALE: 1:20 WEIGHT:

SHEET 1 OF 11



UNLESS OTHERWISE SPECIFIED:		NAME	DATE	UBC Rocket	
DIMENSIONS ARE IN INCHES [Millimeters] TOLERANCES: FRACTIONAL ± 1/10 ANGULAR: ± 0.05 Deg TWO PLACE DECIMAL ± 0.01 THREE PLACE DECIMAL ± 0.001	DRAWN	John	May 27	TITLE: Upper Carbon Fibre Tube	
	CHECKED	Joren	May 27		
	ENG APPR.	N/a	N/a		
	Q.A.	John	May 27		
MATERIAL Carbon Fibre	COMMENTS:			SIZE A	DWG. NO. Assem2
FINISH				REV 1	
DO NOT SCALE DRAWING		SCALE: 1:10 WEIGHT: 5.79lbs SHEET 2 OF 11			



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
[Millimeters]
TOLERANCES:
FRACTIONAL $\pm 1/10$
ANGULAR: ± 0.05 Deg
TWO PLACE DECIMAL ± 0.01
THREE PLACE DECIMAL ± 0.001

MATERIAL
Aluminium 6061

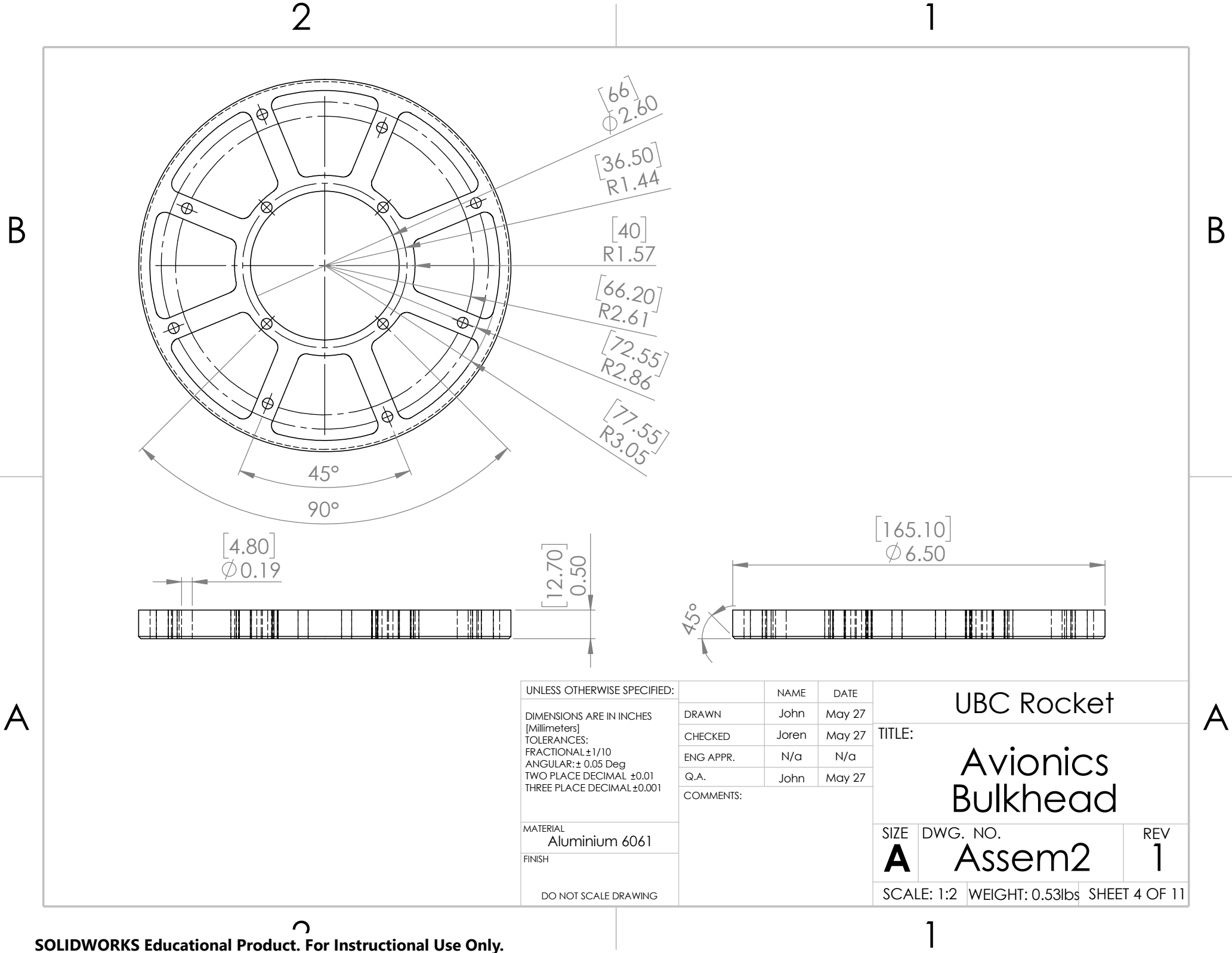
FINISH

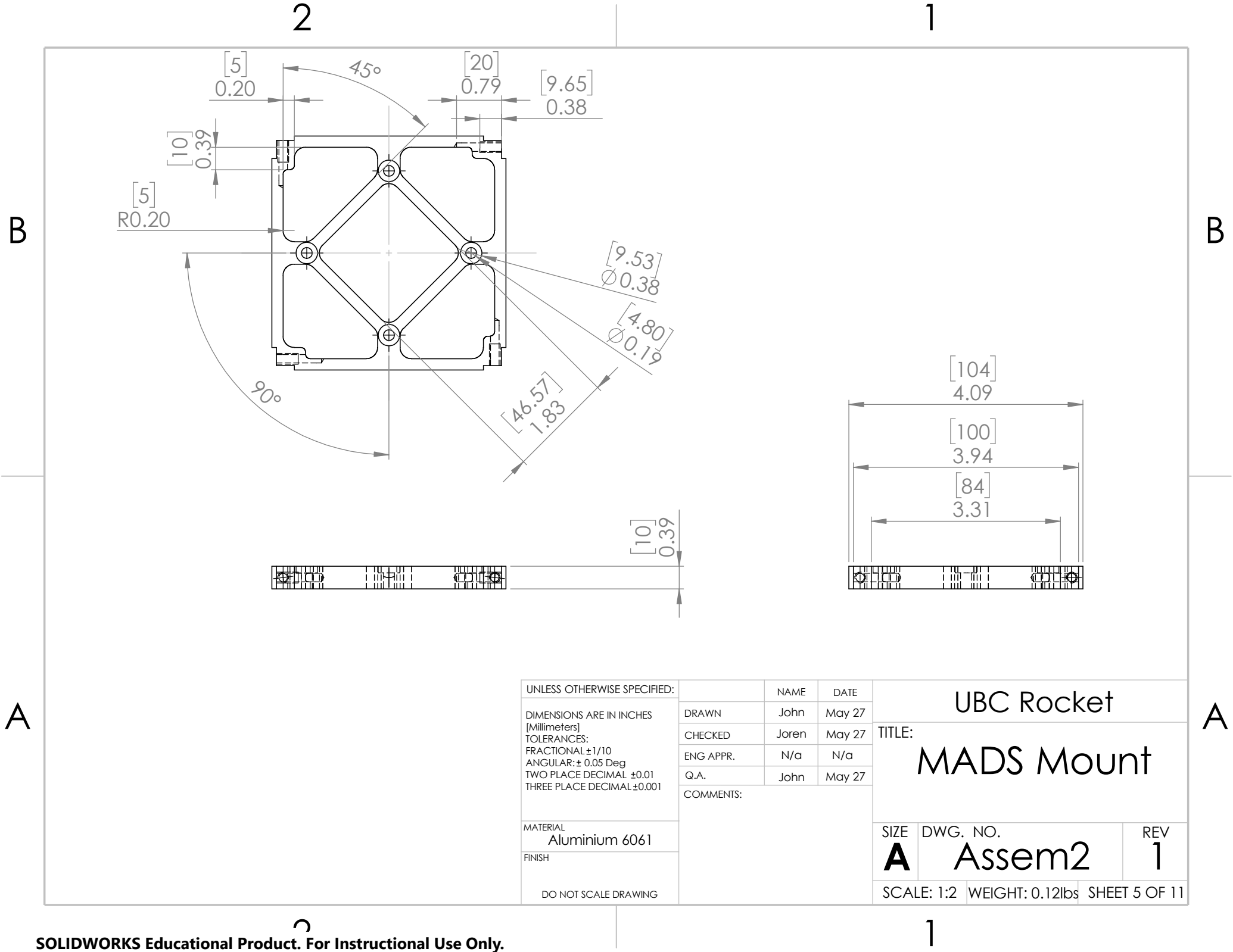
DO NOT SCALE DRAWING

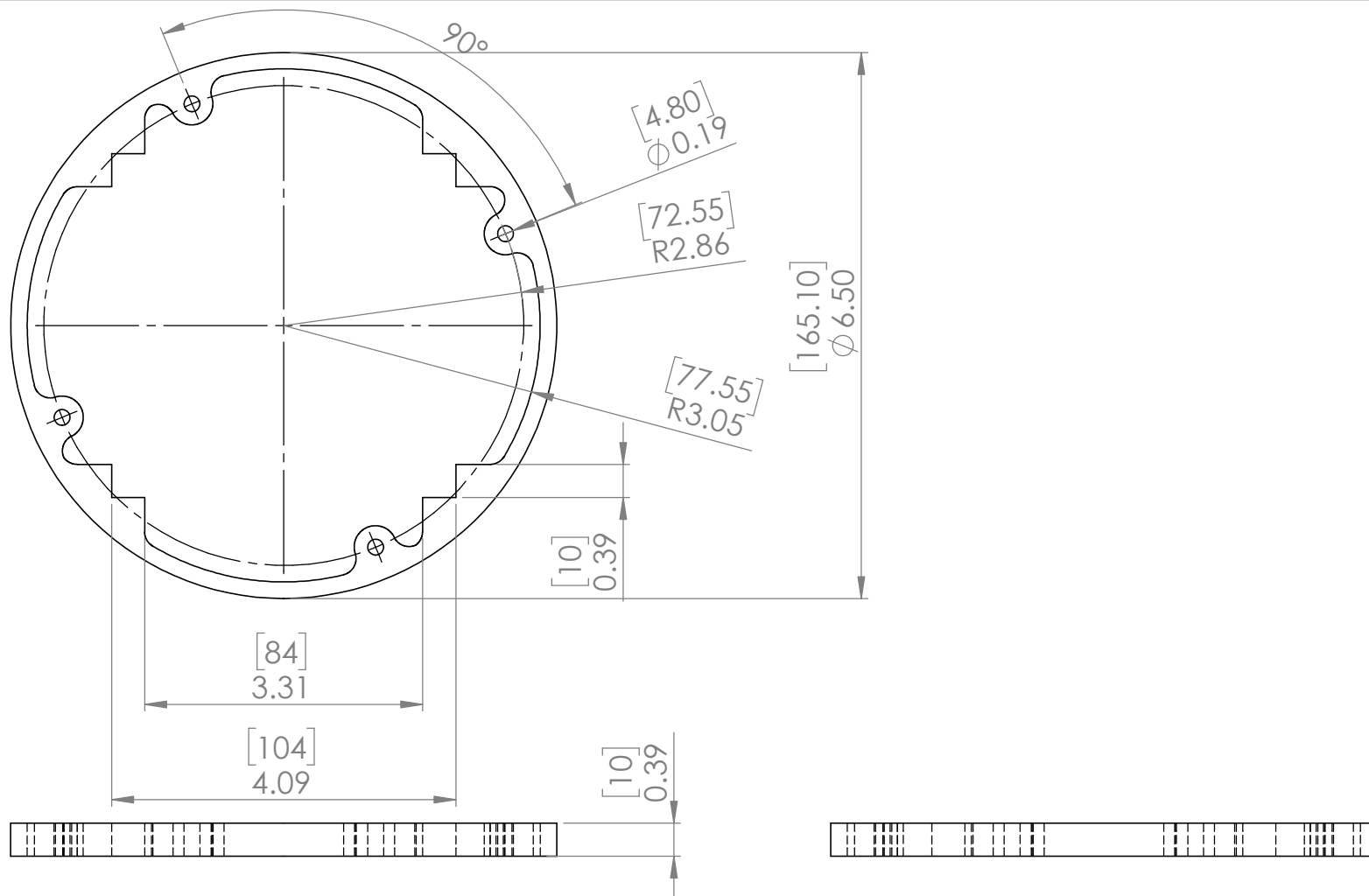
	NAME	DATE
DRAWN	John	May 27
CHECKED	Joren	May 27
ENG APPR.	N/a	N/a
Q.A.	John	May 27
COMMENTS:		

TITLE:
UBC Rocket
Recovery
Bulkhead

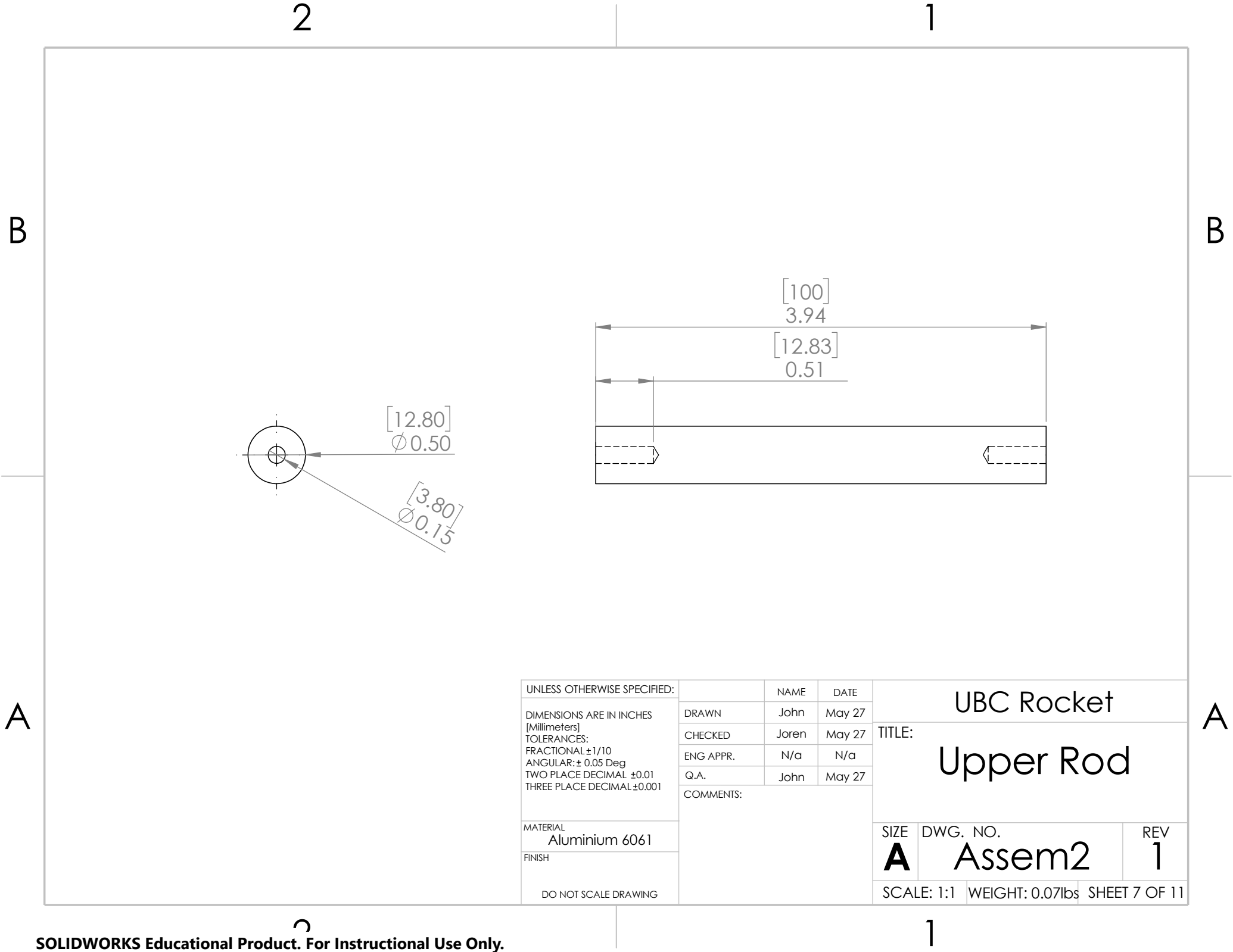
SIZE	DWG. NO.	REV
A	Assem2	1
SCALE: 1:2	WEIGHT: 1.12lbs	SHEET 3 OF 11



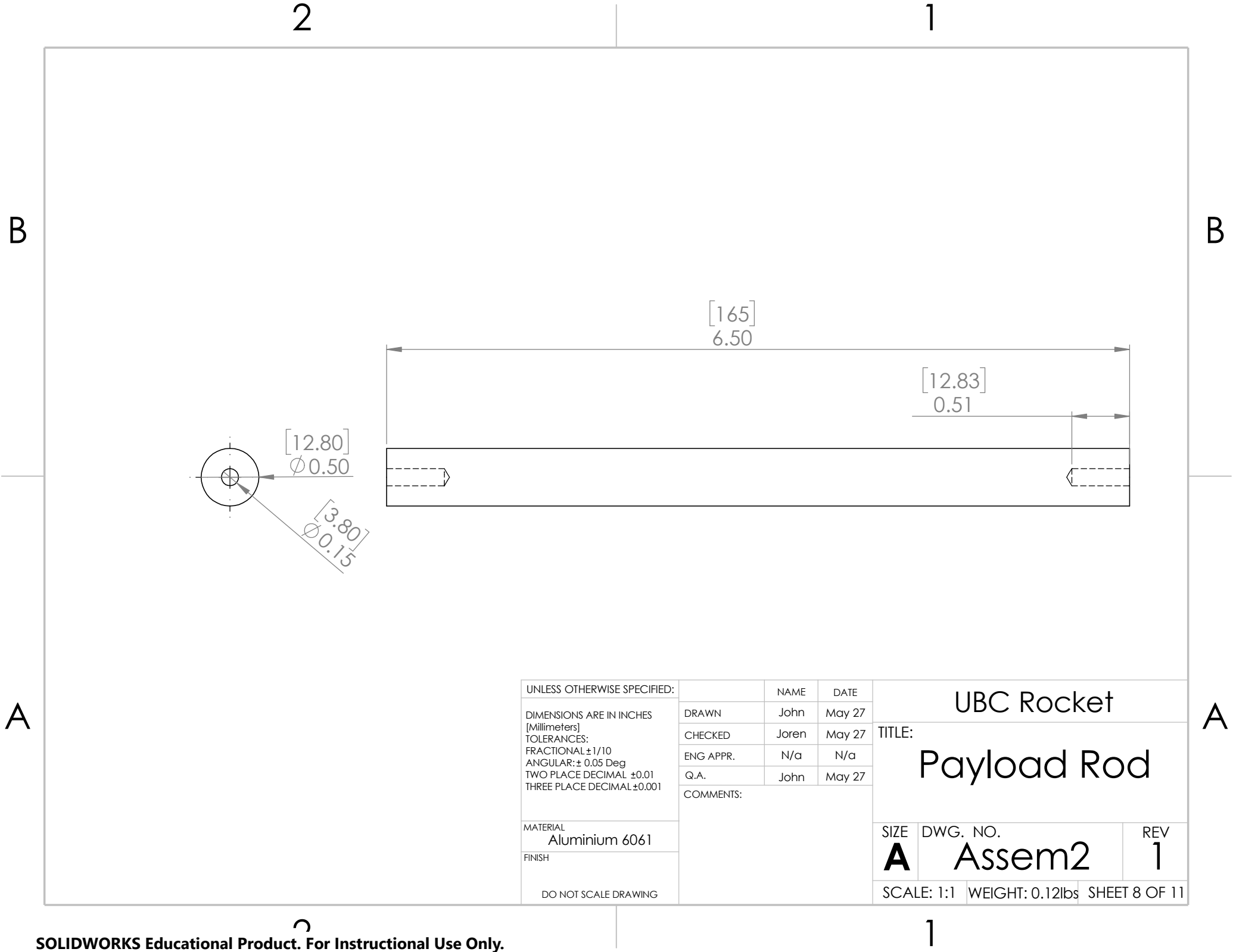


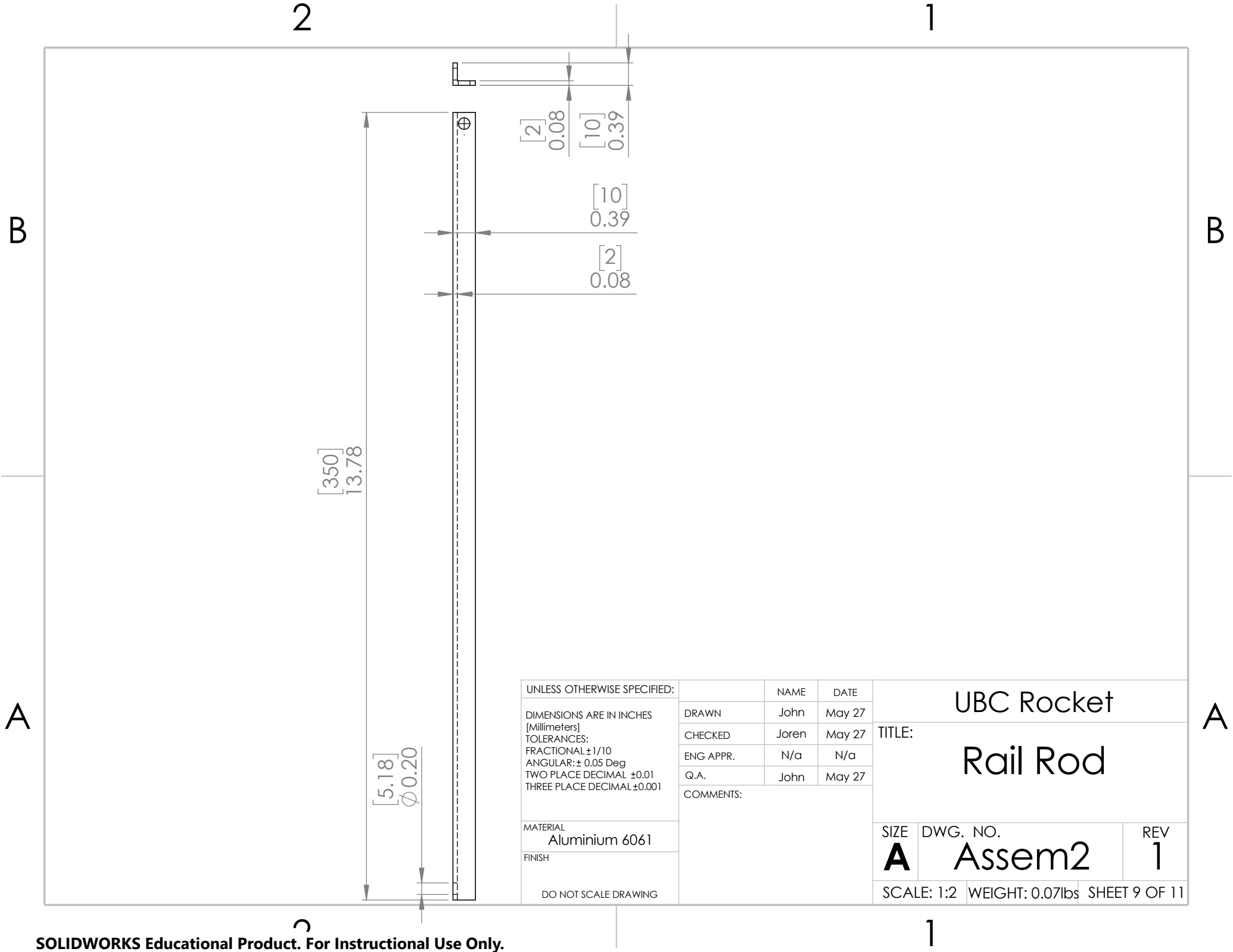


UNLESS OTHERWISE SPECIFIED:		NAME	DATE	UBC Rocket		
DIMENSIONS ARE IN INCHES [Millimeters] TOLERANCES: FRACTIONAL ± 1/10 ANGULAR: ± 0.05 Deg TWO PLACE DECIMAL ±0.01 THREE PLACE DECIMAL ±0.001	DRAWN	John	May 27	TITLE: Payload Ring		
	CHECKED	Joren	May 27			
	ENG APPR.	N/a	N/a			
	Q.A.	John	May 27			
	COMMENTS:					
MATERIAL Aluminium 6061				SIZE	DWG. NO.	REV
FINISH				A	Assem2	1
DO NOT SCALE DRAWING				SCALE: 1:2 WEIGHT: 0.23 lbs SHEET 6 OF 11		

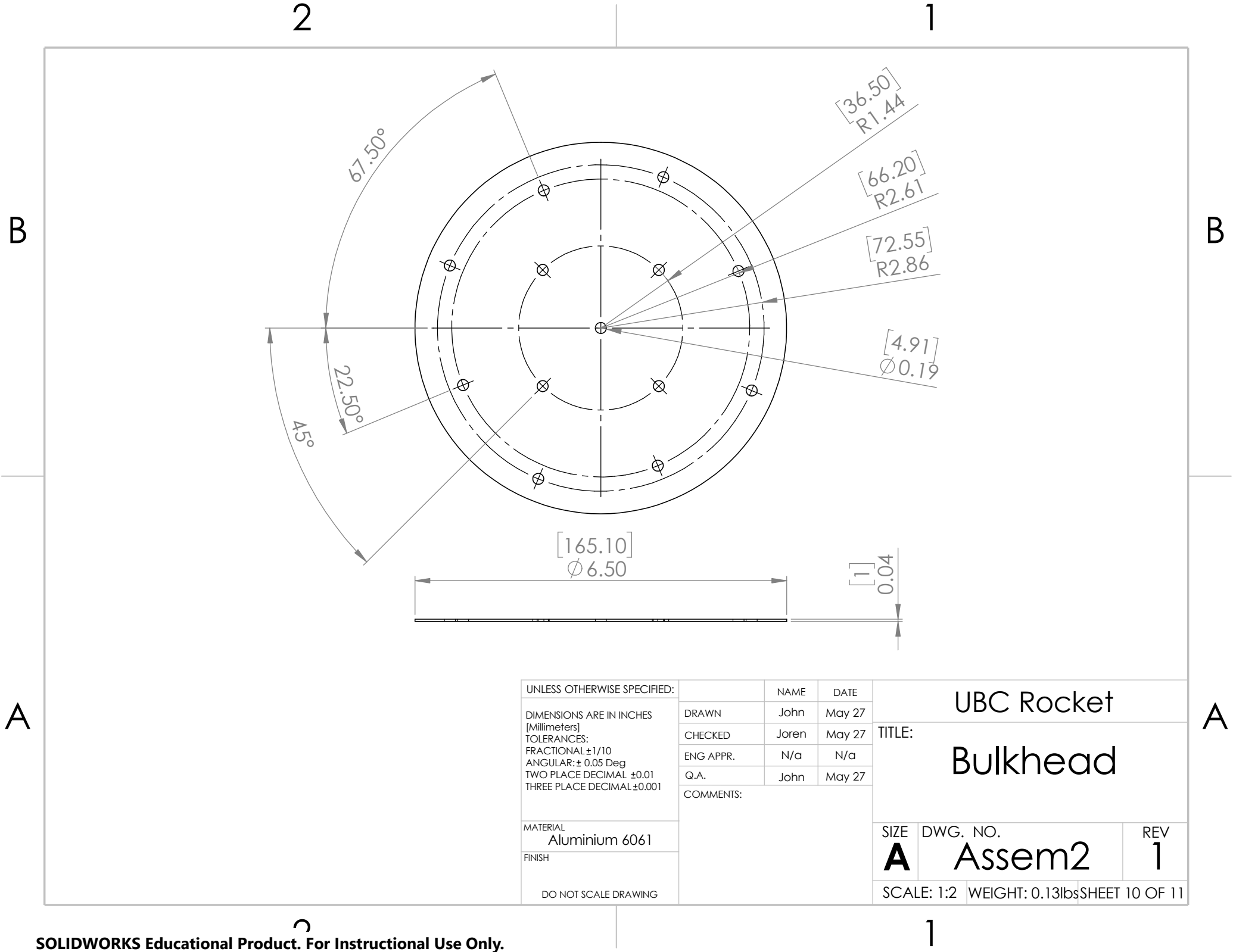


UNLESS OTHERWISE SPECIFIED:		NAME	DATE	UBC Rocket			
DIMENSIONS ARE IN INCHES [Millimeters] TOLERANCES: FRACTIONAL ±1/10 ANGULAR: ± 0.05 Deg TWO PLACE DECIMAL ±0.01 THREE PLACE DECIMAL ±0.001		DRAWN	John	May 27	TITLE: Upper Rod		
		CHECKED	Joren	May 27			
		ENG APPR.	N/a	N/a			
		Q.A.	John	May 27			
	COMMENTS:						
MATERIAL Aluminium 6061				SIZE A	DWG. NO. Assem2	REV 1	
FINISH							
DO NOT SCALE DRAWING					SCALE: 1:1	WEIGHT: 0.07lbs	SHEET 7 OF 11





UNLESS OTHERWISE SPECIFIED:		NAME	DATE	UBC Rocket TITLE: Rail Rod		
DIMENSIONS ARE IN INCHES [Millimeters] TOLERANCES: FRACTIONAL±1/10 ANGULAR:± 0.05 Deg TWO PLACE DECIMAL ±0.01 THREE PLACE DECIMAL ±0.001	DRAWN	John	May 27			
	CHECKED	Joren	May 27			
	ENG APPR.	N/a	N/a			
	Q.A.	John	May 27			
	COMMENTS:					
MATERIAL Aluminium 6061				SIZE	DWG. NO.	REV
FINISH				A	Assem2	1
DO NOT SCALE DRAWING				SCALE: 1:2	WEIGHT: 0.07lbs	SHEET 9 OF 11



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
[Millimeters]
TOLERANCES:
FRACTIONAL $\pm 1/10$
ANGULAR: ± 0.05 Deg
TWO PLACE DECIMAL ± 0.01
THREE PLACE DECIMAL ± 0.001

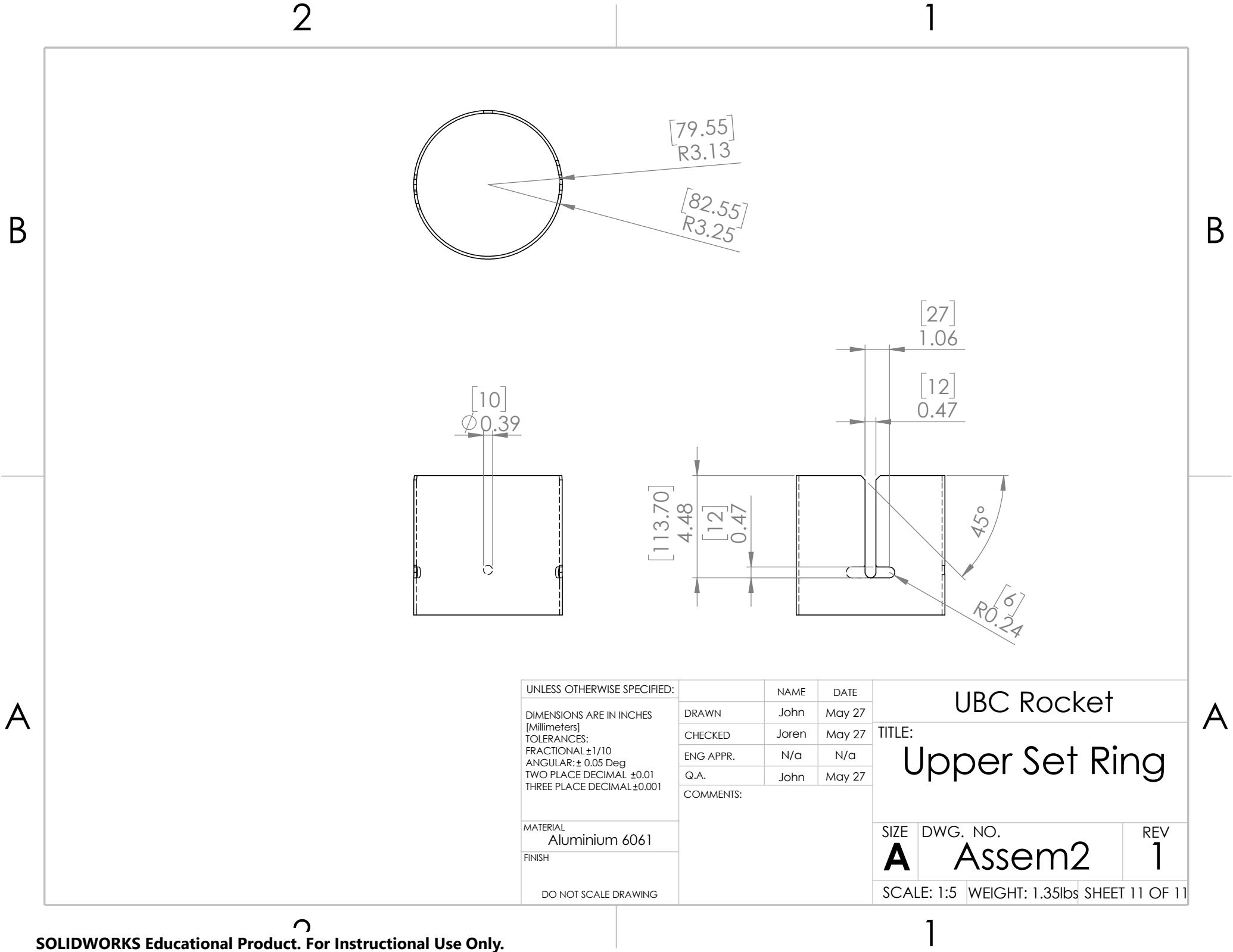
MATERIAL
Aluminium 6061

FINISH

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	John	May 27
CHECKED	Joren	May 27
ENG APPR.	N/a	N/a
Q.A.	John	May 27
COMMENTS:		

TITLE: UBC Rocket Bulkhead		
SIZE A	DWG. NO. Assem2	REV 1
SCALE: 1:2 WEIGHT: 0.13lbs SHEET 10 OF 11		



UNLESS OTHERWISE SPECIFIED:		NAME		DATE		UBC Rocket							
DIMENSIONS ARE IN INCHES [Millimeters] TOLERANCES: FRACTIONAL ±1/10 ANGULAR: ± 0.05 Deg TWO PLACE DECIMAL ±0.01 THREE PLACE DECIMAL ±0.001		DRAWN	John		May 27		TITLE: Upper Set Ring						
		CHECKED	Joren		May 27								
		ENG APPR.	N/a		N/a								
		Q.A.	John		May 27								
		COMMENTS:											
MATERIAL Aluminium 6061		SIZE A						DWG. NO. Assem2		REV 1			
FINISH								SCALE: 1:5		WEIGHT: 1.35lbs		SHEET 11 OF 11	
DO NOT SCALE DRAWING													