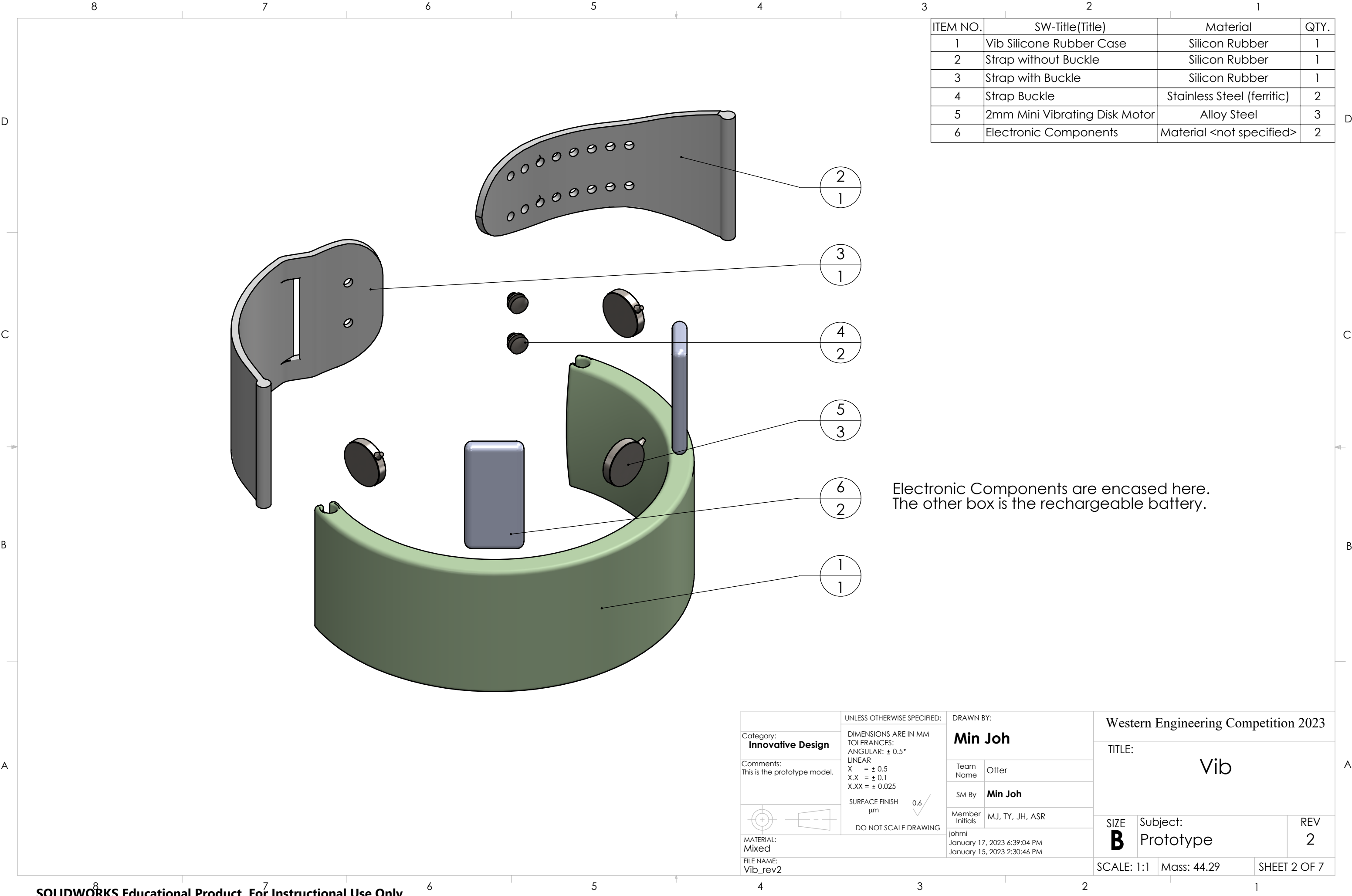



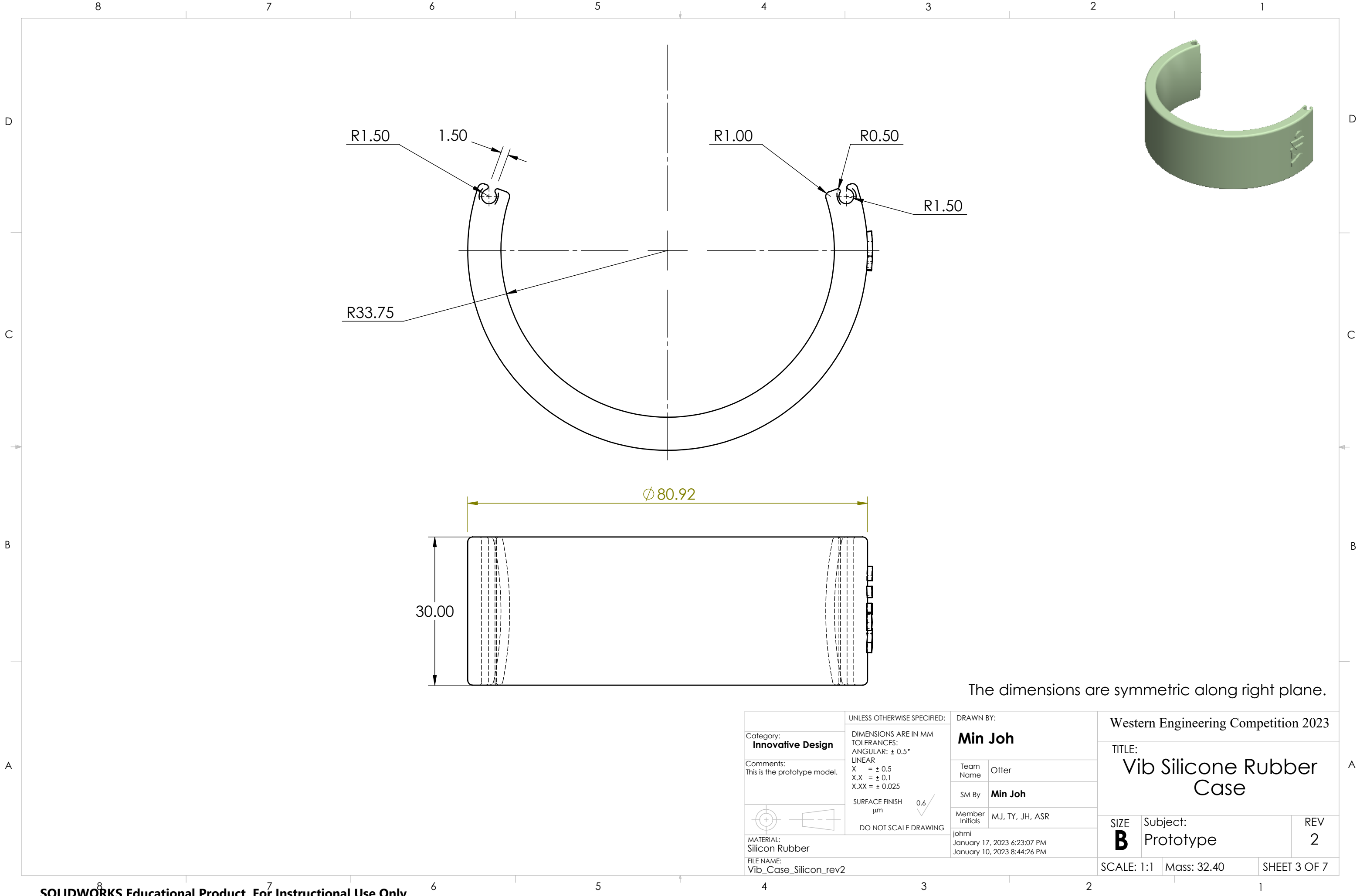
ITEM NO.	SW-Title(Title)	Material	QTY.
1	Vib Silicone Rubber Case	Silicon Rubber	1
2	Strap without Buckle	Silicon Rubber	1
3	Strap with Buckle	Silicon Rubber	1
4	Strap Buckle	Stainless Steel (ferritic)	2
5	2mm Mini Vibrating Disk Motor	Alloy Steel	3
6	Electronic Components	Material <not specified>	2

		UNLESS OTHERWISE SPECIFIED:		DRAWN BY:		Western Engineering Competition 2023					
Category: Innovative Design		<div>DIMENSIONS ARE IN MM</div> <div>TOLERANCES:</div> <div>ANGULAR: ± 0.5°</div> <div>LINEAR</div> <div>X = ± 0.5</div> <div>X.X = ± 0.1</div> <div>X.XX = ± 0.025</div> <div><div>SURFACE FINISH</div><div>μm</div><div>0.6</div><div>✓</div></div> <div>DO NOT SCALE DRAWING</div>		Min Joh		TITLE: Vib					
Comments: This is the prototype model.				Team Name	Otter						
				SM By	Min Joh	Subject: Prototype					
				Member Initials	MJ, TY, JH, ASR					REV 2	
MATERIAL: Mixed		johmi January 17, 2023 6:39:04 PM January 15, 2023 2:30:46 PM				SCALE: 1:1		Mass: 44.29		SHEET 1 OF 7	
FILE NAME: Vib_rev2						Subject: Prototype					

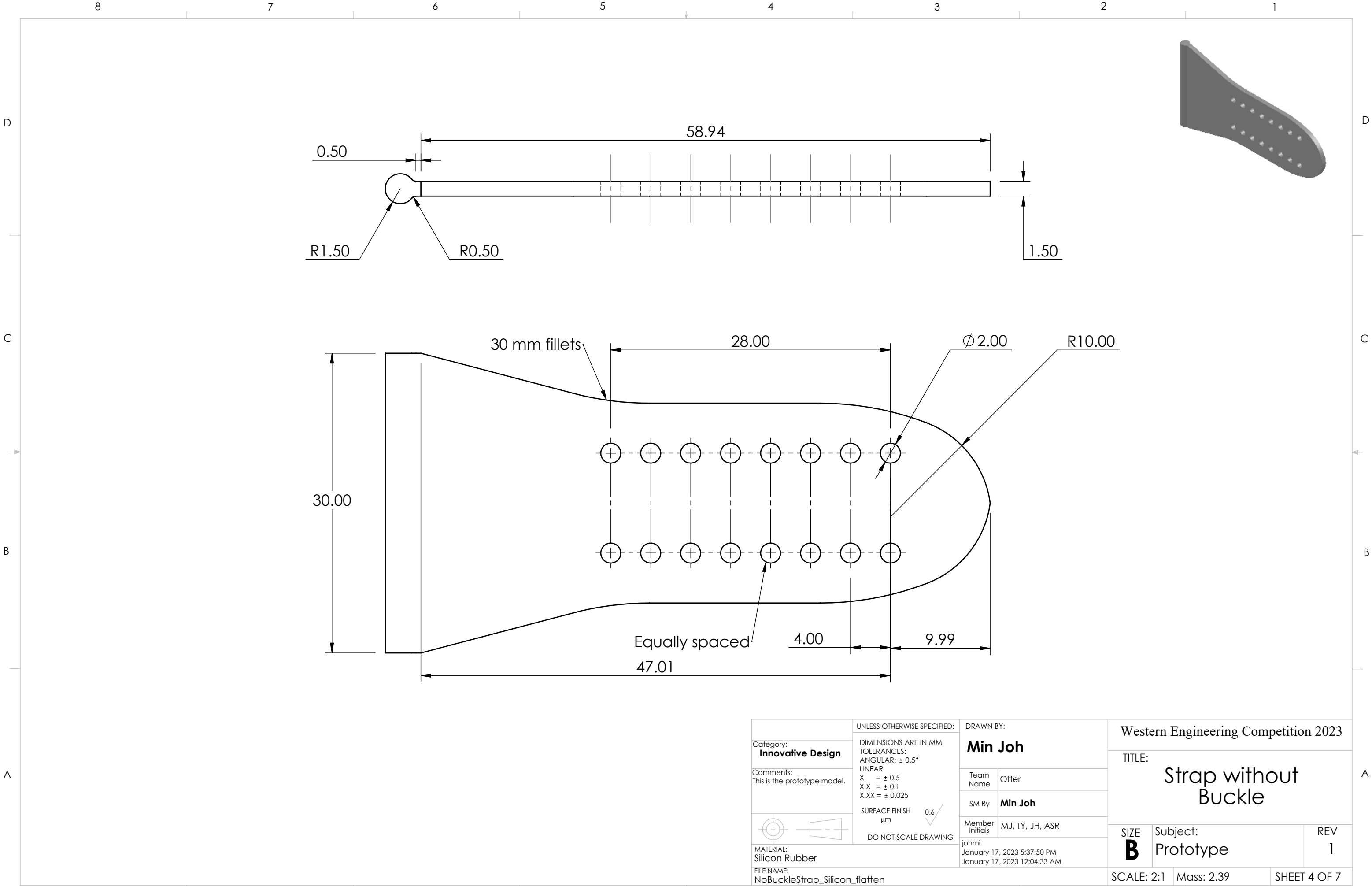



ITEM NO.	SW-Title(Title)	Material	QTY.
1	Vib Silicone Rubber Case	Silicon Rubber	1
2	Strap without Buckle	Silicon Rubber	1
3	Strap with Buckle	Silicon Rubber	1
4	Strap Buckle	Stainless Steel (ferritic)	2
5	2mm Mini Vibrating Disk Motor	Alloy Steel	3
6	Electronic Components	Material <not specified>	2

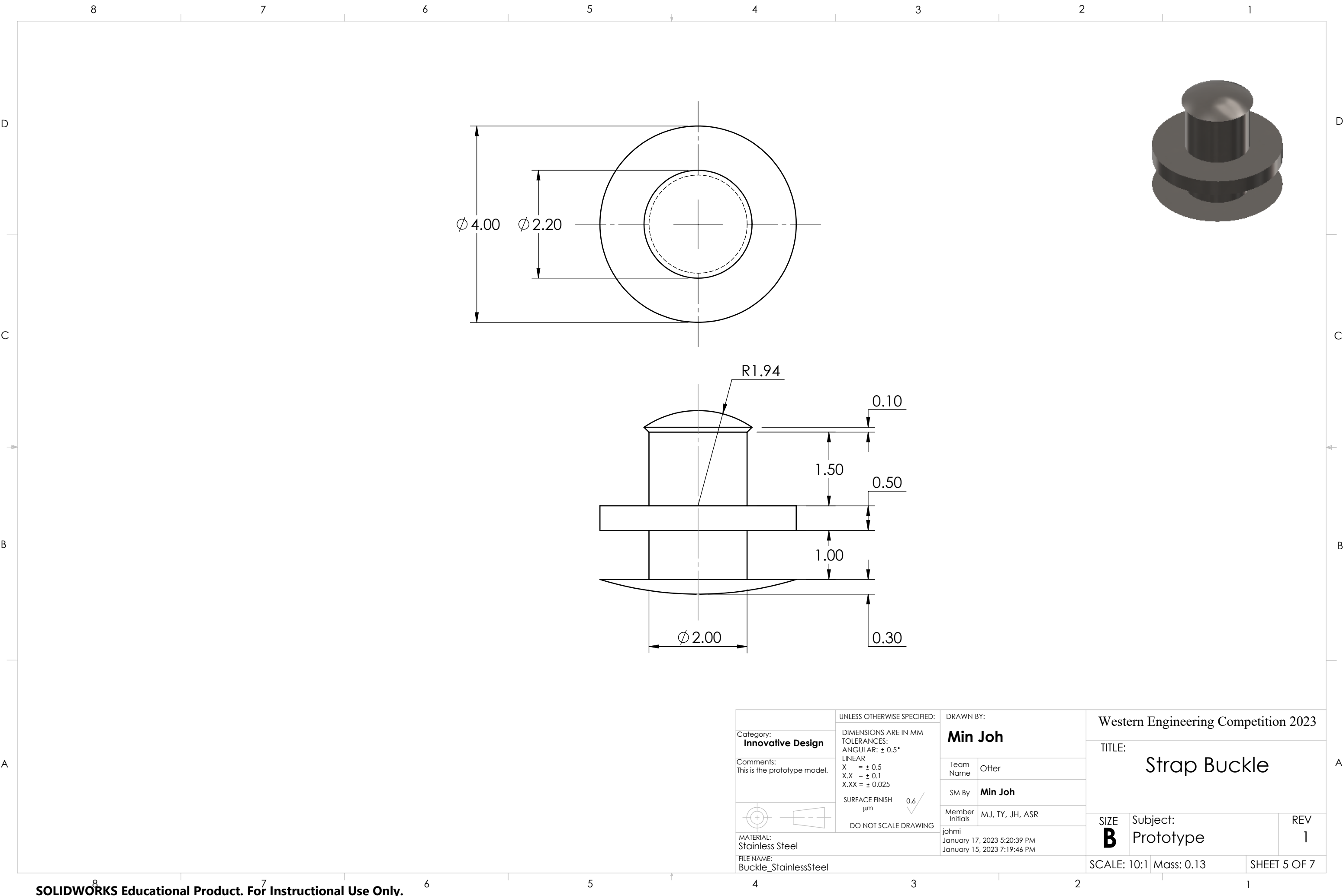
<div>Category: Innovative Design</div> <div>Comments: This is the prototype model.</div> <div></div> <div>MATERIAL: Mixed</div> <div>FILE NAME: Vib_rev2</div>	<div>UNLESS OTHERWISE SPECIFIED:</div> <div>DIMENSIONS ARE IN MM</div> <div>TOLERANCES:</div> <div>ANGULAR: ± 0.5°</div> <div>LINEAR</div> <div>X = ± 0.5</div> <div>X.X = ± 0.1</div> <div>X.XX = ± 0.025</div> <div>SURFACE FINISH 0.6 ✓ μm</div> <div>DO NOT SCALE DRAWING</div>	DRAWN BY:		Western Engineering Competition 2023		
		Min Joh		TITLE:		
		Team Name	Otter	Vib		
		SM By	Min Joh			
		Member Initials	MJ, TY, JH, ASR	SIZE		
johmi January 17, 2023 6:39:04 PM January 15, 2023 2:30:46 PM		B		Prototype		2
		SCALE: 1:1		Mass: 44.29		SHEET 2 OF 7

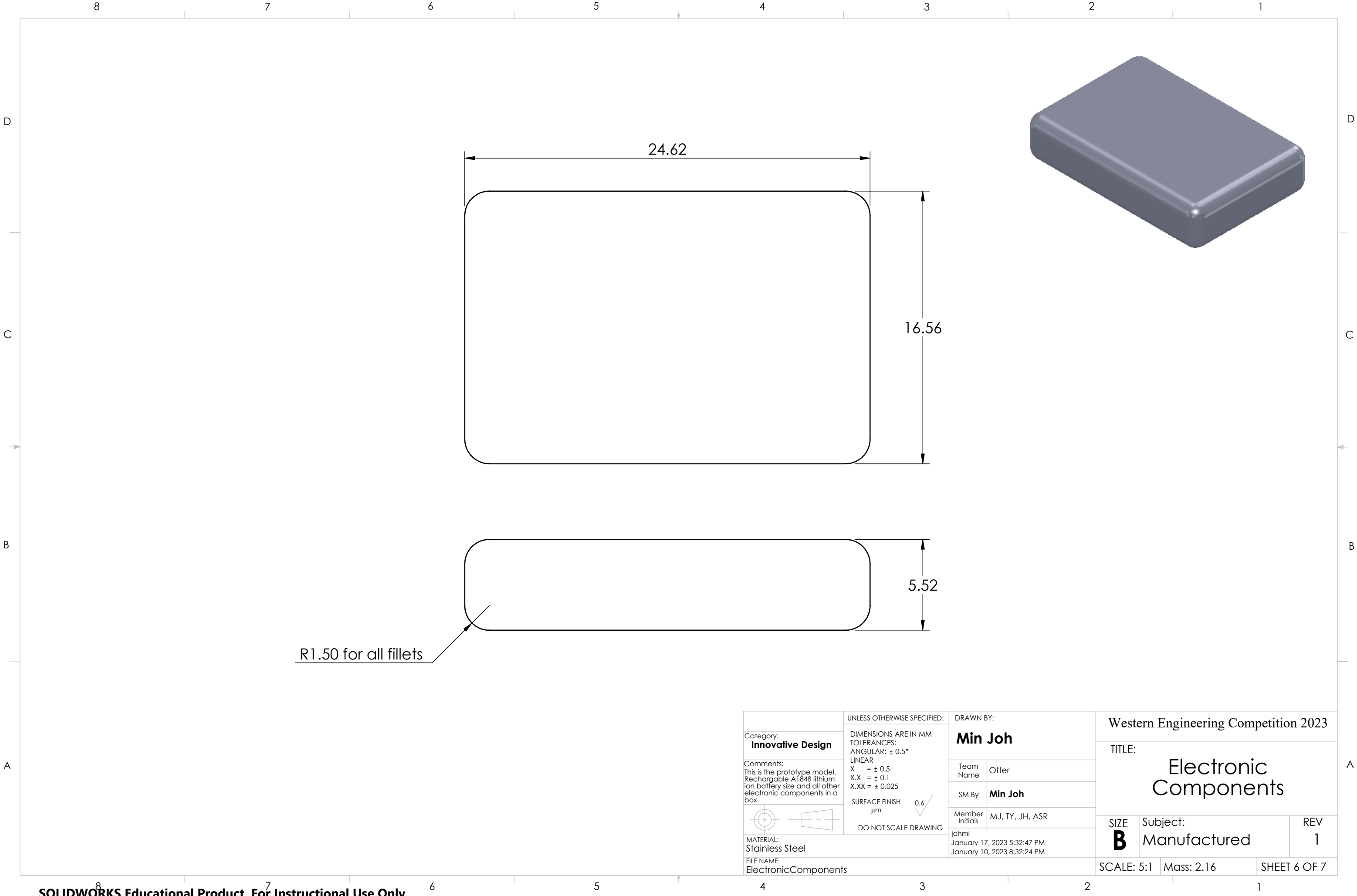


The dimensions are symmetric along right plane.

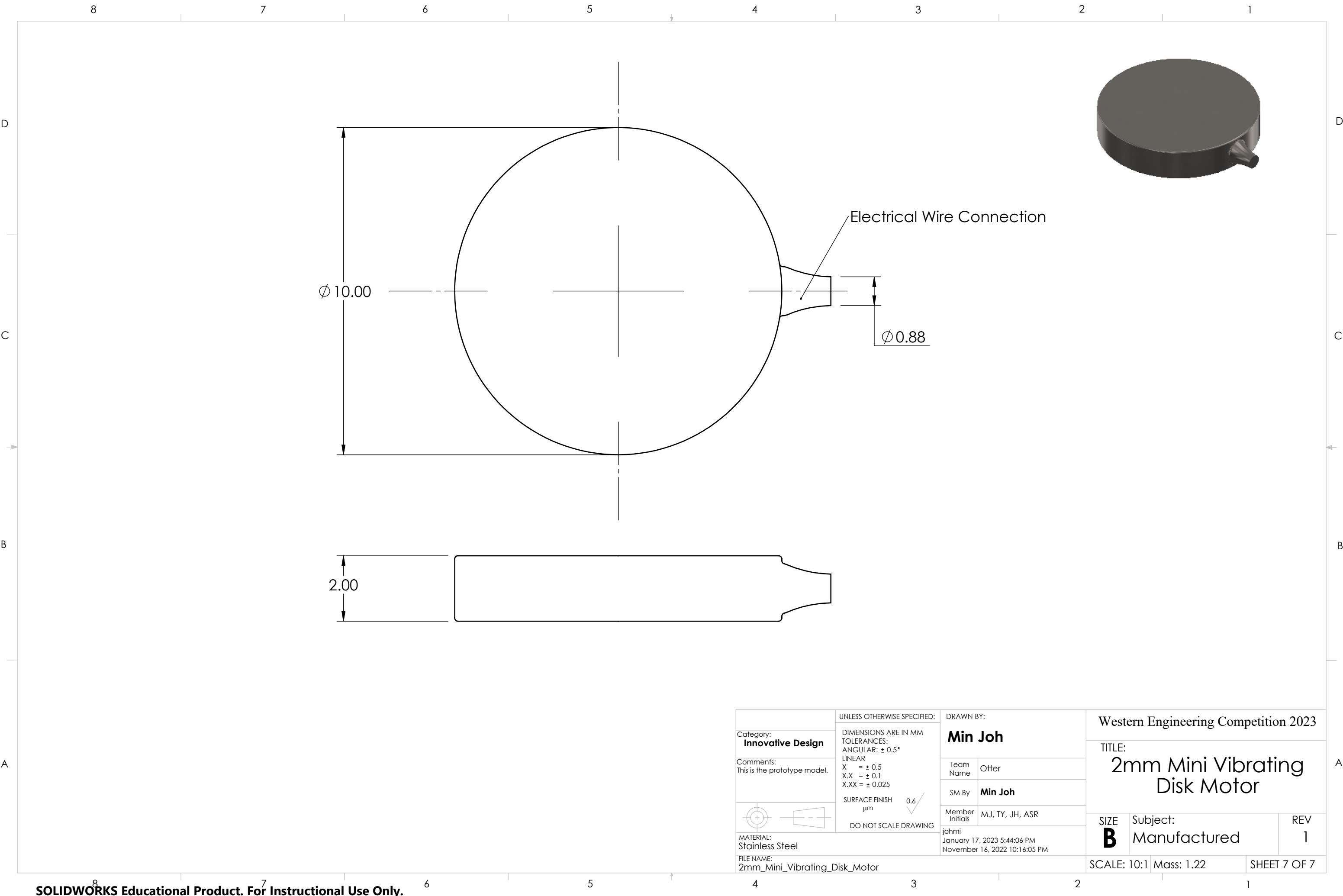


		UNLESS OTHERWISE SPECIFIED:		DRAWN BY:		Western Engineering Competition 2023			
Category: Innovative Design		<div>DIMENSIONS ARE IN MM</div> <div>TOLERANCES:</div> <div>ANGULAR: ± 0.5°</div> <div>LINEAR</div> <div>X = ± 0.5</div> <div>X.X = ± 0.1</div> <div>X.XX = ± 0.025</div> <div>SURFACE FINISH</div> <div>μm</div> <div>0.6 ✓</div> <div>DO NOT SCALE DRAWING</div>		Min Joh		<div>TITLE:</div> <div>Strap without Buckle</div>			
Comments: This is the prototype model.				Team Name	Otter				
				SM By	Min Joh				
				Member Initials	MJ, TY, JH, ASR	SIZE B	Subject: Prototype		REV 1
MATERIAL: Silicon Rubber		johmi January 17, 2023 5:37:50 PM January 17, 2023 12:04:33 AM				SCALE: 2:1		Mass: 2.39	SHEET 4 OF 7
FILE NAME: NoBuckleStrap_Silicon_flatten									





		UNLESS OTHERWISE SPECIFIED:		DRAWN BY:		Western Engineering Competition 2023				
Category: Innovative Design		<div>DIMENSIONS ARE IN MM</div> <div>TOLERANCES:</div> <div>ANGULAR: ± 0.5°</div> <div>LINEAR</div> <div>X = ± 0.5</div> <div>X.X = ± 0.1</div> <div>X.XX = ± 0.025</div> <div>SURFACE FINISH 0.6 ✓ μm</div> <div>DO NOT SCALE DRAWING</div>		Min Joh		TITLE: Electronic Components				
Comments: This is the prototype model. Rechargeable A1848 lithium ion battery size and all other electronic components in a box				Team Name	Otter					
				SM By	Min Joh	Subject: Manufactured			REV 1	
				Member Initials	MJ, TY, JH, ASR					
				johmi January 17, 2023 5:32:47 PM January 10, 2023 8:32:24 PM						
MATERIAL: Stainless Steel				SIZE B						
FILE NAME: ElectronicComponents				SCALE: 5:1		Mass: 2.16		SHEET 6 OF 7		



		UNLESS OTHERWISE SPECIFIED:		DRAWN BY:		Western Engineering Competition 2023							
Category: Innovative Design		<div>DIMENSIONS ARE IN MM</div> <div>TOLERANCES:</div> <div>ANGULAR: ± 0.5°</div> <div>LINEAR</div> <div>X = ± 0.5</div> <div>X.X = ± 0.1</div> <div>X.XX = ± 0.025</div> <div>SURFACE FINISH</div> <div>μm</div> <div>0.6</div> <div>DO NOT SCALE DRAWING</div>		Min Joh		TITLE: 2mm Mini Vibrating Disk Motor							
Comments: This is the prototype model.				Team Name	Otter								
				SM By	Min Joh	SIZE B				Subject: Manufactured		REV 1	
				Member Initials	MJ, TY, JH, ASR								
MATERIAL: Stainless Steel		johmi January 17, 2023 5:44:06 PM November 16, 2022 10:16:05 PM				SCALE: 10:1		Mass: 1.22		SHEET 7 OF 7			
FILE NAME: 2mm_Mini_Vibrating_Disk_Motor													