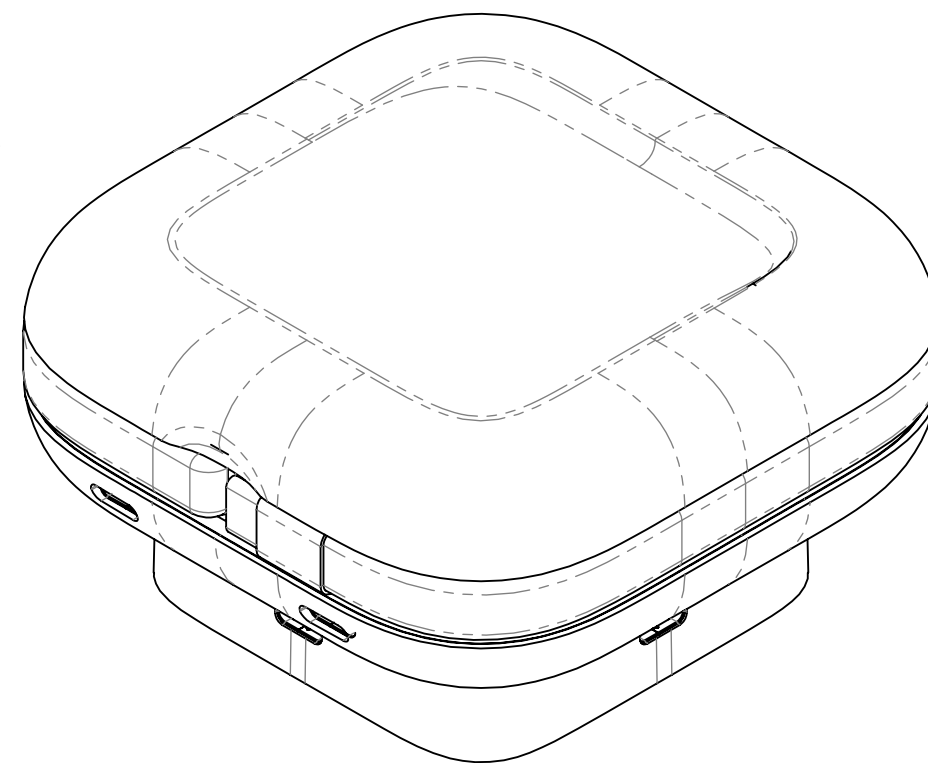
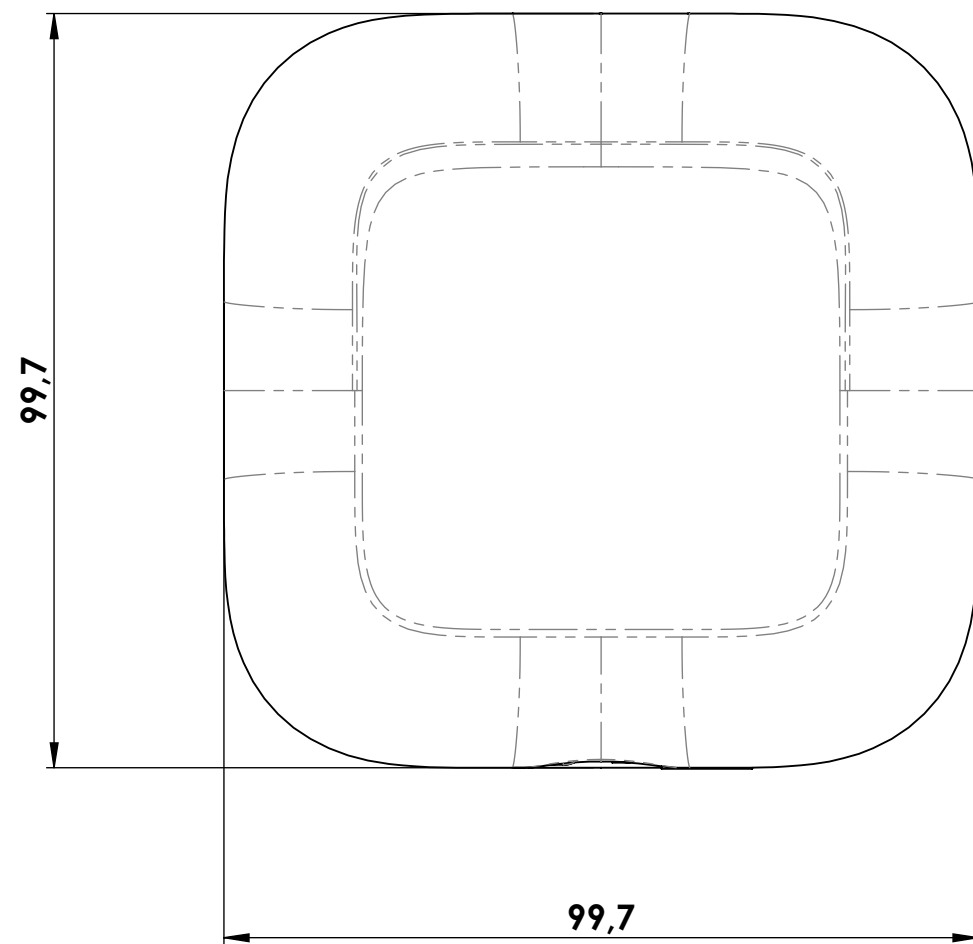
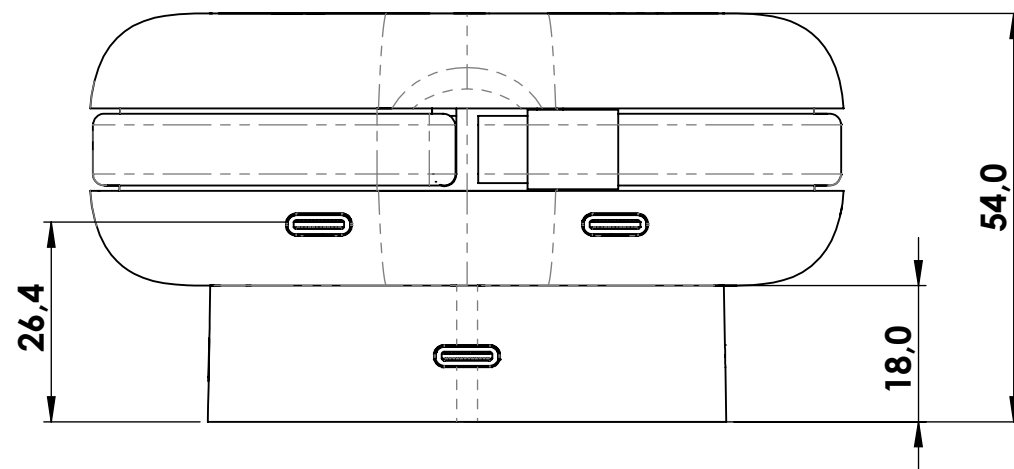
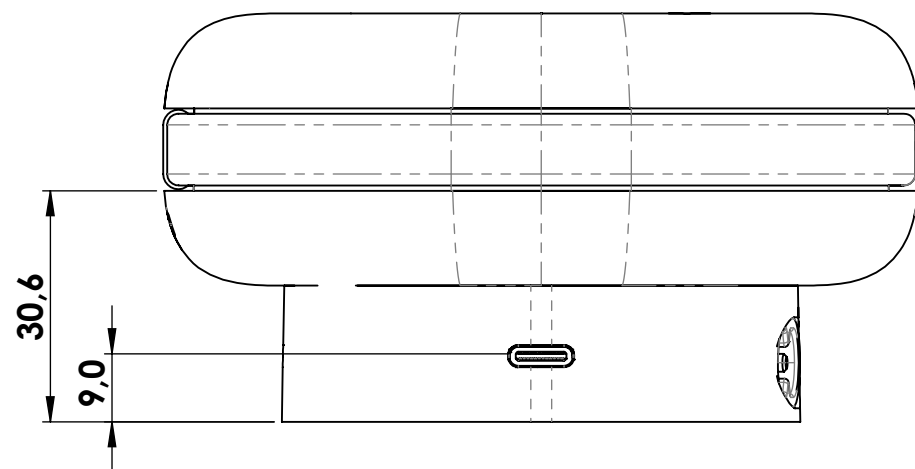
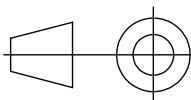
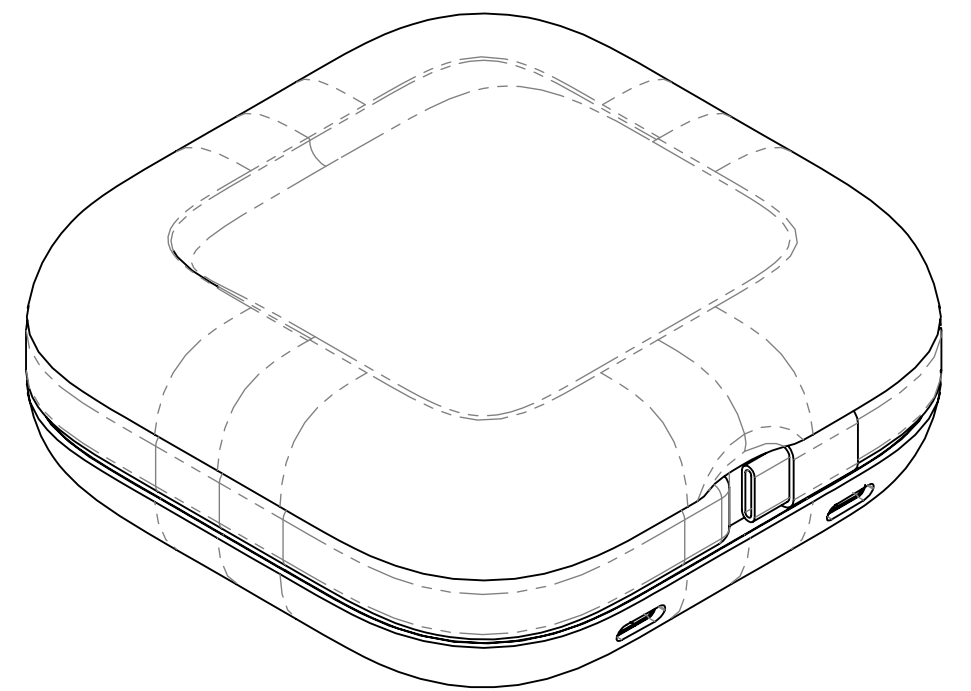
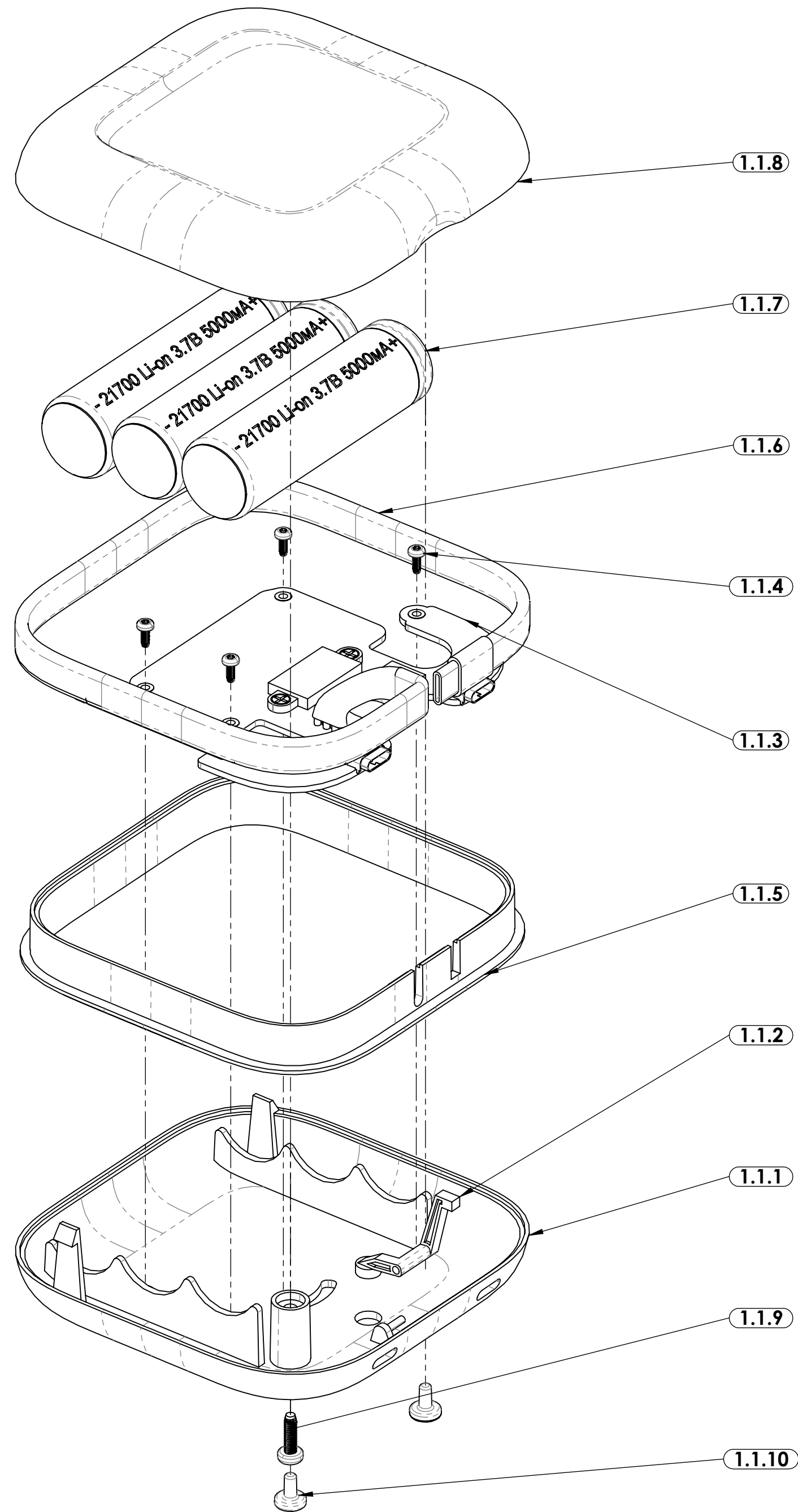


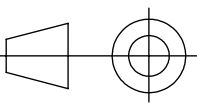


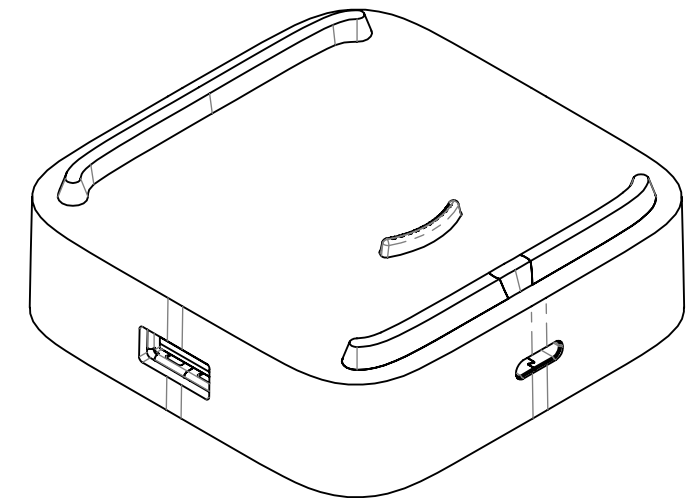
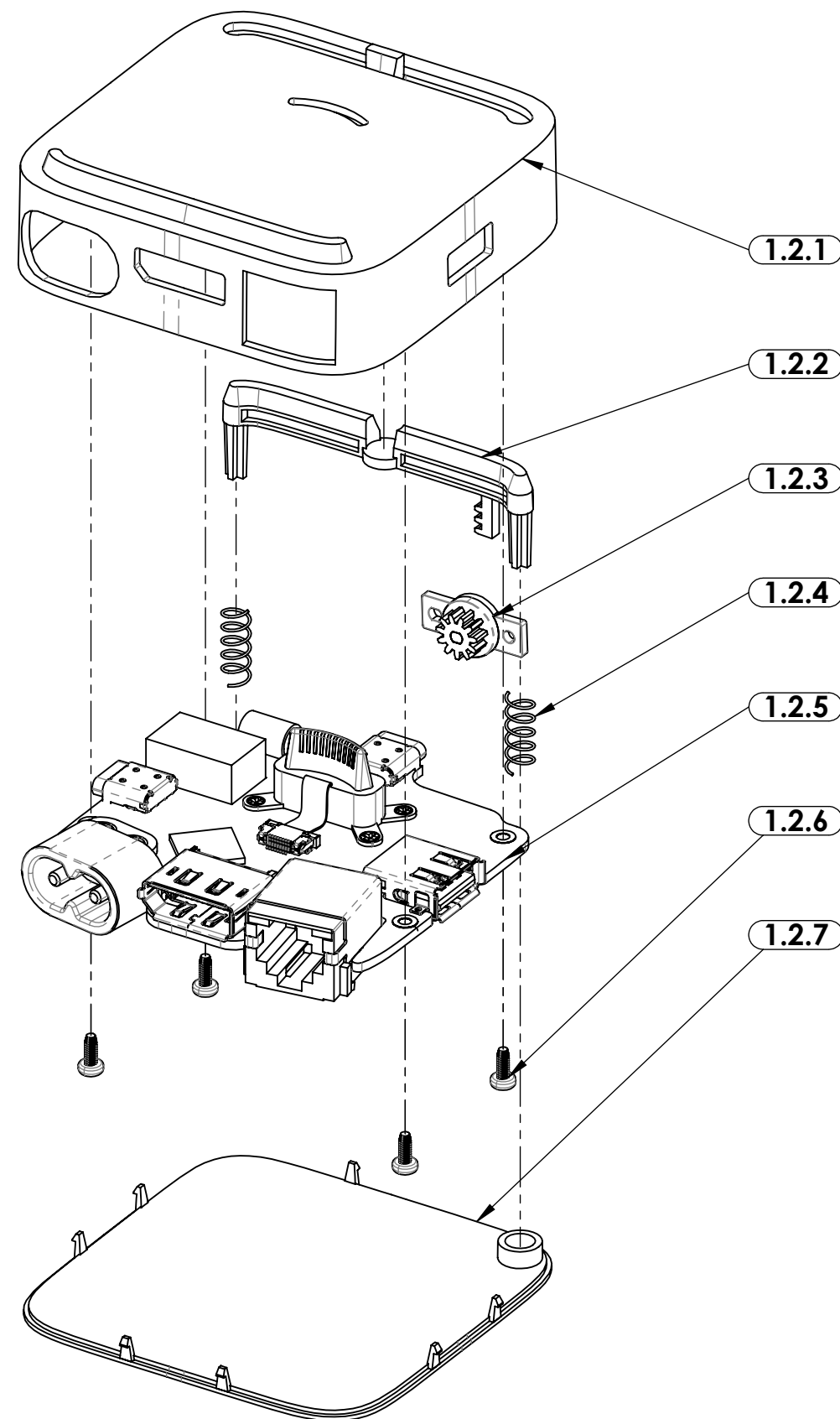
Design & Engineering Thesis Project	Section: DE2	
Supervisor: Gatti Riccardo		
Candidate: Giove Erasmo		
Project Name: Tile	Date: 02/03/2026	
Title: Tile - Overall dimensions		
Drawing Number: 1/5		
Scale 1:1		



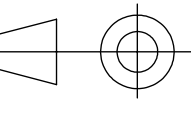
Notes:
- Textured surface suppressed for clarity purposes

Part nr.	Qty.	Part name	Make/Buy	Material
1.1.1	1	Bottom shell	Make	PC+ABS
1.1.2	1	Soft fall mechanism lever	Make	PC+ABS
1.1.3	1	PCBA	Buy	
1.1.4	4	M2x4 Self tapping screw	Buy	
1.1.5	1	Spacer	Make	PC+ABS
1.1.6	1	Built-in cable	Buy	
1.1.7	3	Amprius 21700 SiC cell	Buy	
1.1.8	1	Top shell	Make	PC+ABS
1.1.9	2	M4x6 Self tapping screw	Buy	
1.1.10	2	Screw cover	Make	TPU

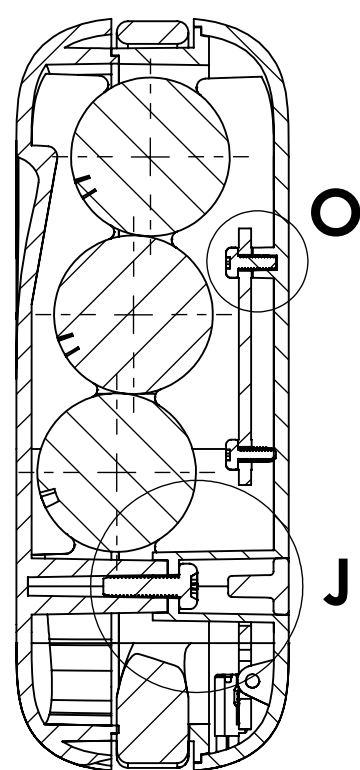
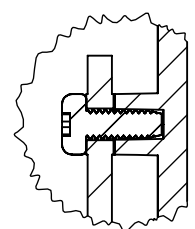
Design & Engineering Thesis Project		Section: DE2	
Supervisor: Gatti Riccardo			
Candidate: Giove Erasmo			
Project Name: Tile		Date: 02/03/2026	
Title: 1.1 Mobile module exploded view			
Drawing Number: 2/5			
Scale 1:1			



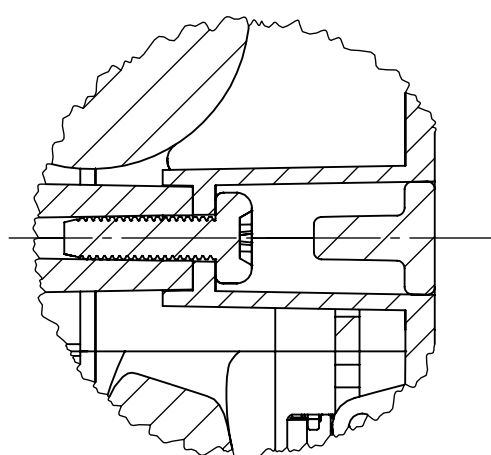
Part nr.	Qty.	Part name	Make/Buy	Material
1.2.1	1	Top shell	Make	PC+ABS
1.2.2	1	Soft fall mechanism platform	Make	PC+ABS
1.2.3	1	2Ncm Rotary damper	Buy	-
1.2.4	2	Platform reset springs	Buy	-
1.2.5	1	PCBA	Buy	-
1.2.6	4	M2x4 Self tapping screw	Buy	-
1.2.7	1	Bottom cover	Make	PC+ABS

Design & Engineering Thesis Project	Section: DE2
Supervisor: Gatti Riccardo	
Candidate: Giove Erasmo	
Project Name: Tile	Date: 02/03/2026
Title: 1.2 Base module exploded view	
Drawing Number: 3/5	 
Scale 1:1	

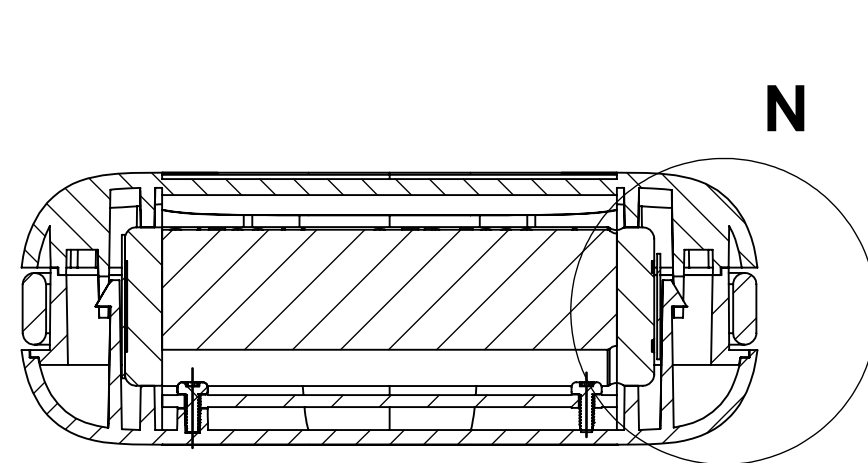
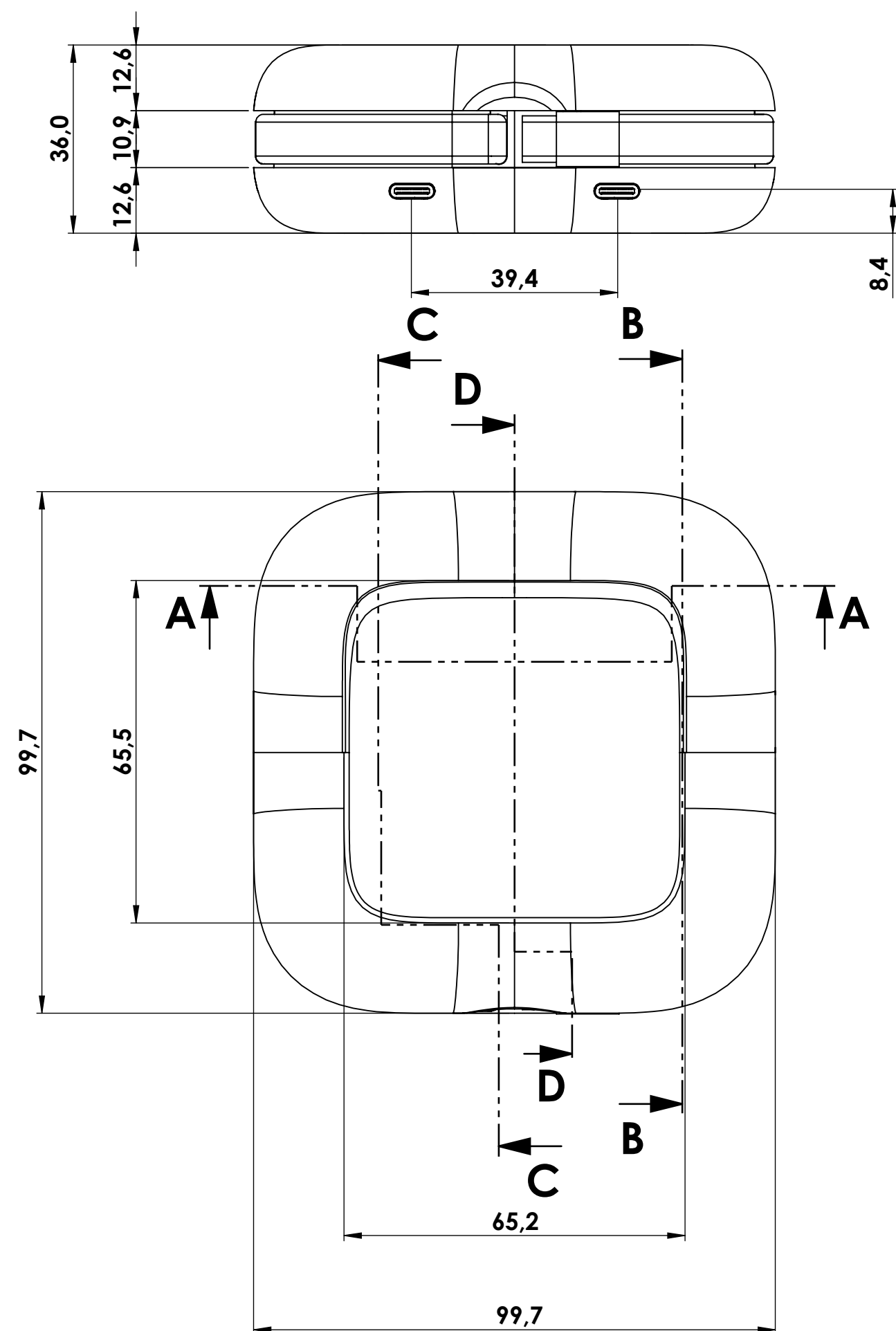
DETAIL O
SCALE 2 : 1



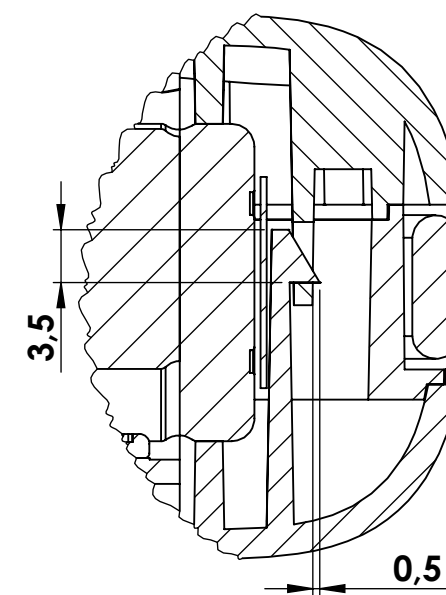
C-C



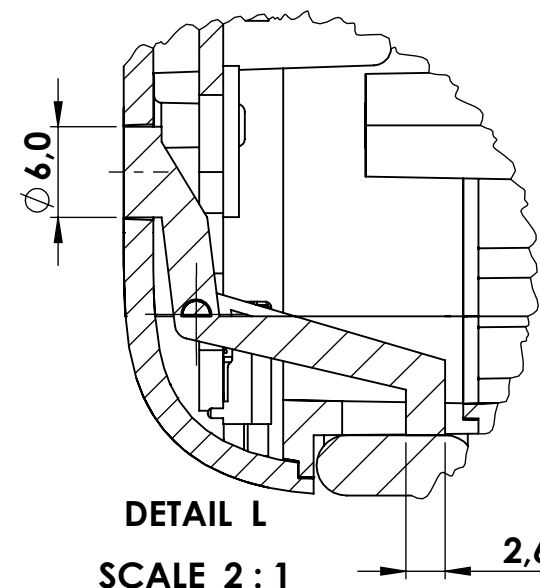
DETAIL J
SCALE 2 : 1



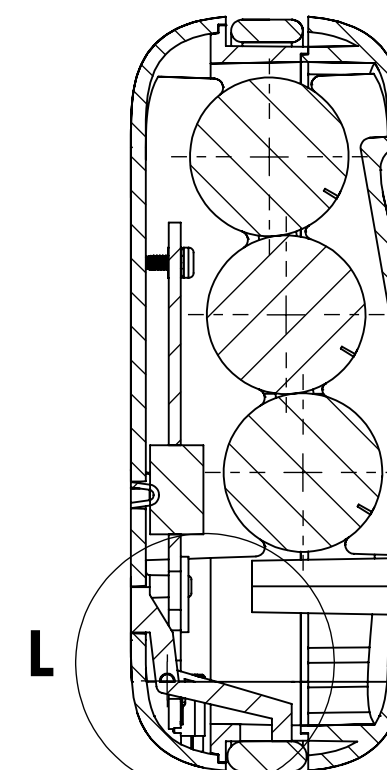
A-A



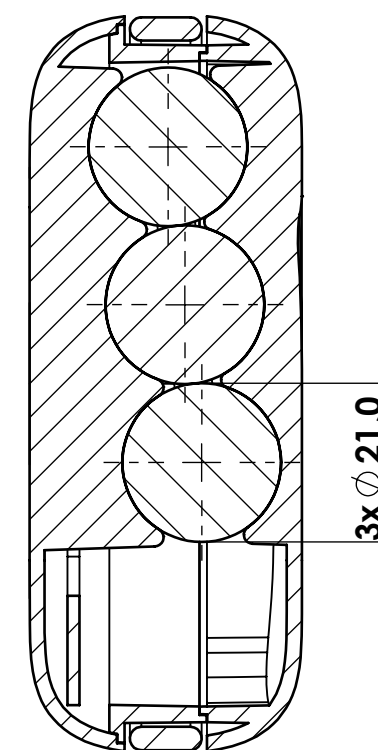
DETAIL N
SCALE 2 : 1



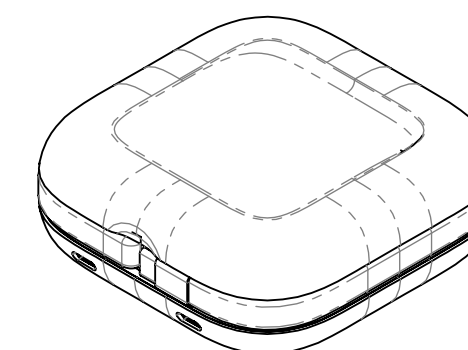
DETAIL L
SCALE 2 : 1



D-D

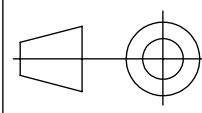


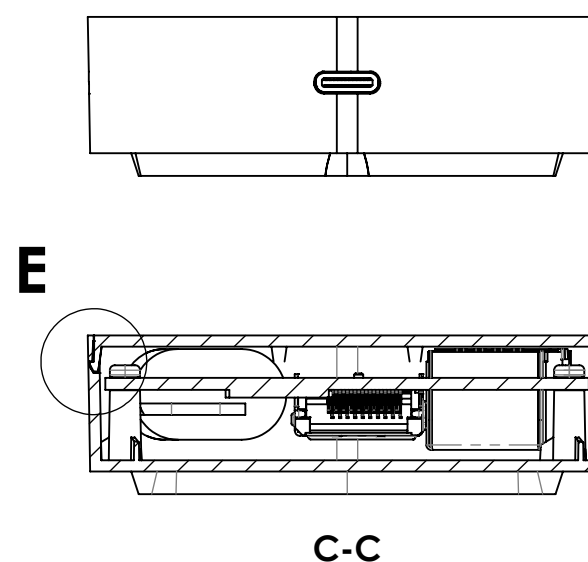
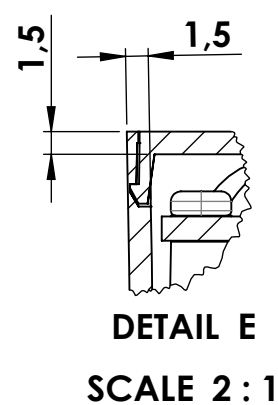
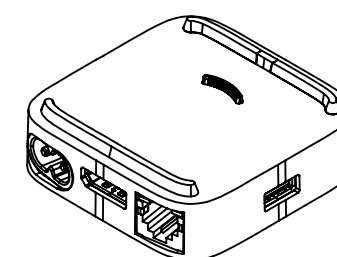
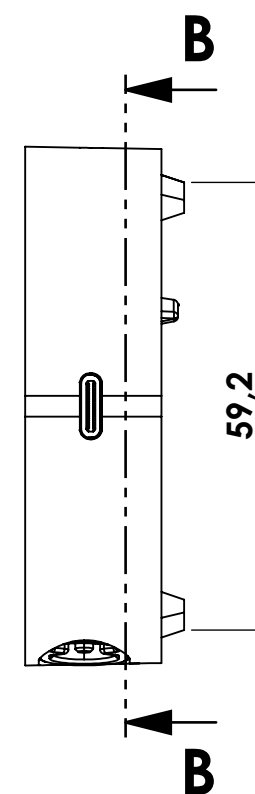
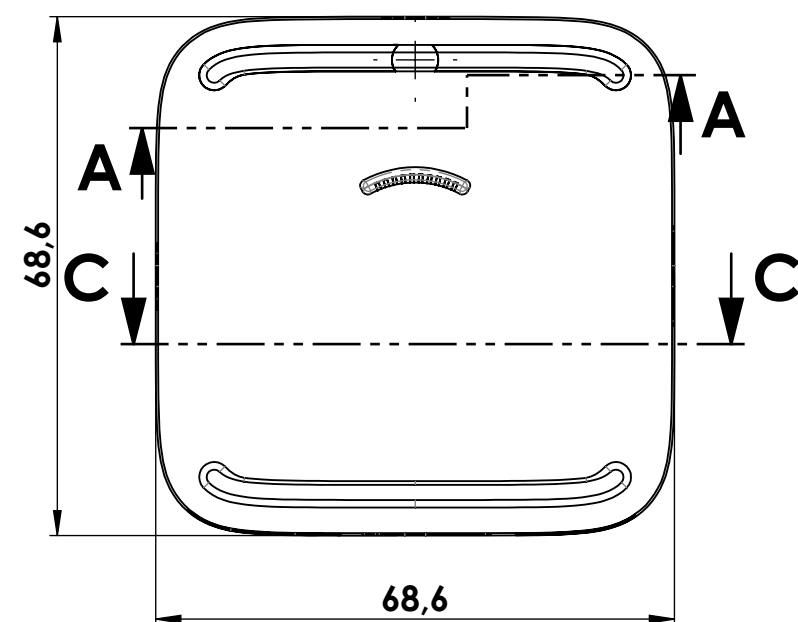
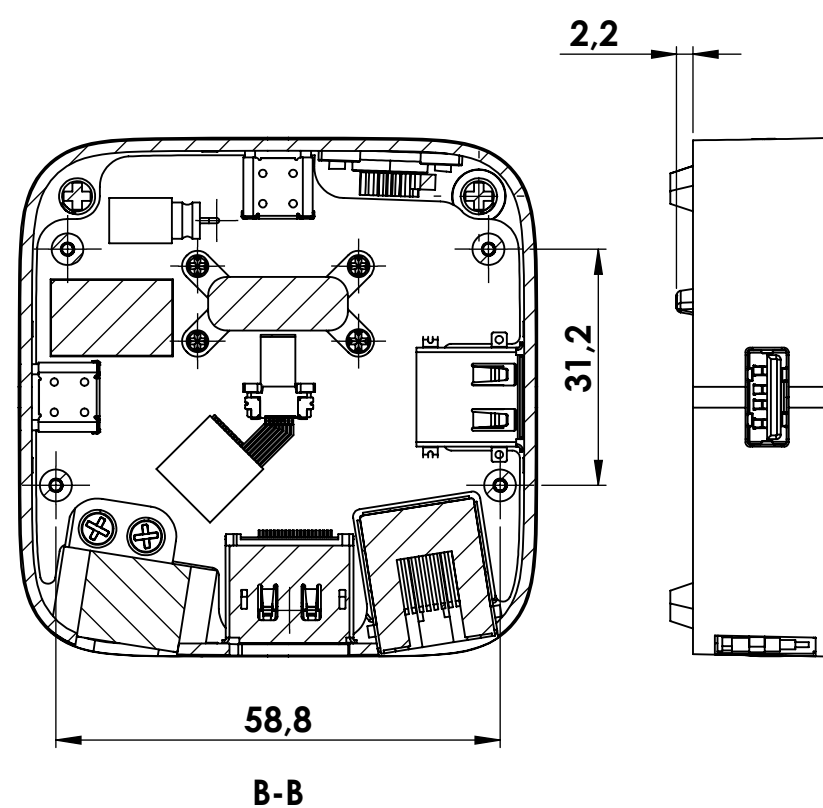
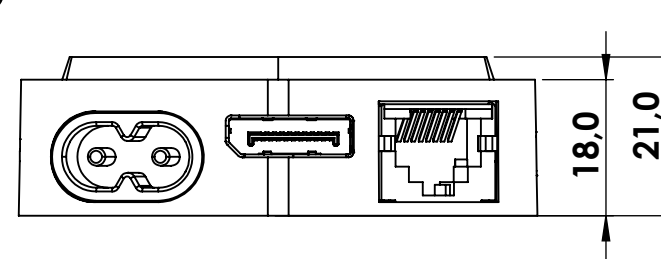
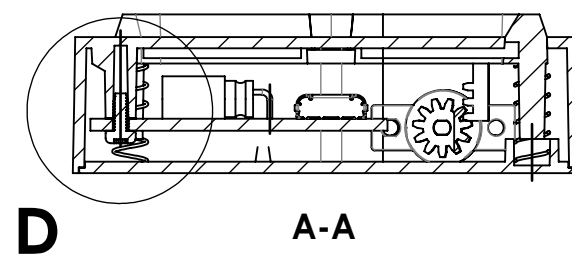
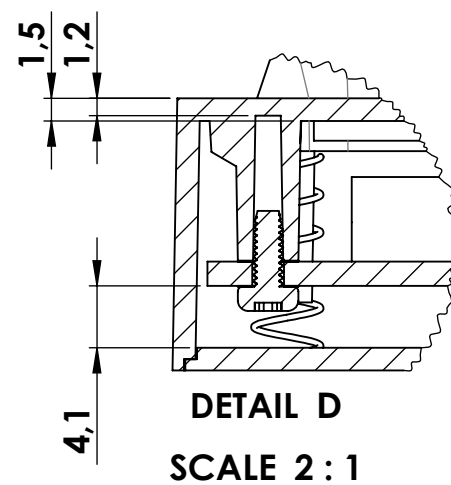
B-B

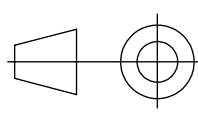


Notes:

- Textured surface suppressed for clarity purposes

Design & Engineering Thesis Project	Section: DE2
Supervisor: Gatti Riccardo	
Candidate: Giove Erasmo	
Project Name: Tile	Date: 02/03/2026
Title: 1.1 Mobile module sections	
Drawing Number: 4/5	 
Scale 1:1	



Design & Engineering Thesis Project	Section: DE2
Supervisor: Gatti Riccardo	
Candidate: Giove Erasmo	
Project Name: Tile	Date: 02/03/2026
Title: 1.2 Base module sections	
Drawing Number: 5/5	 
Scale 1:1	