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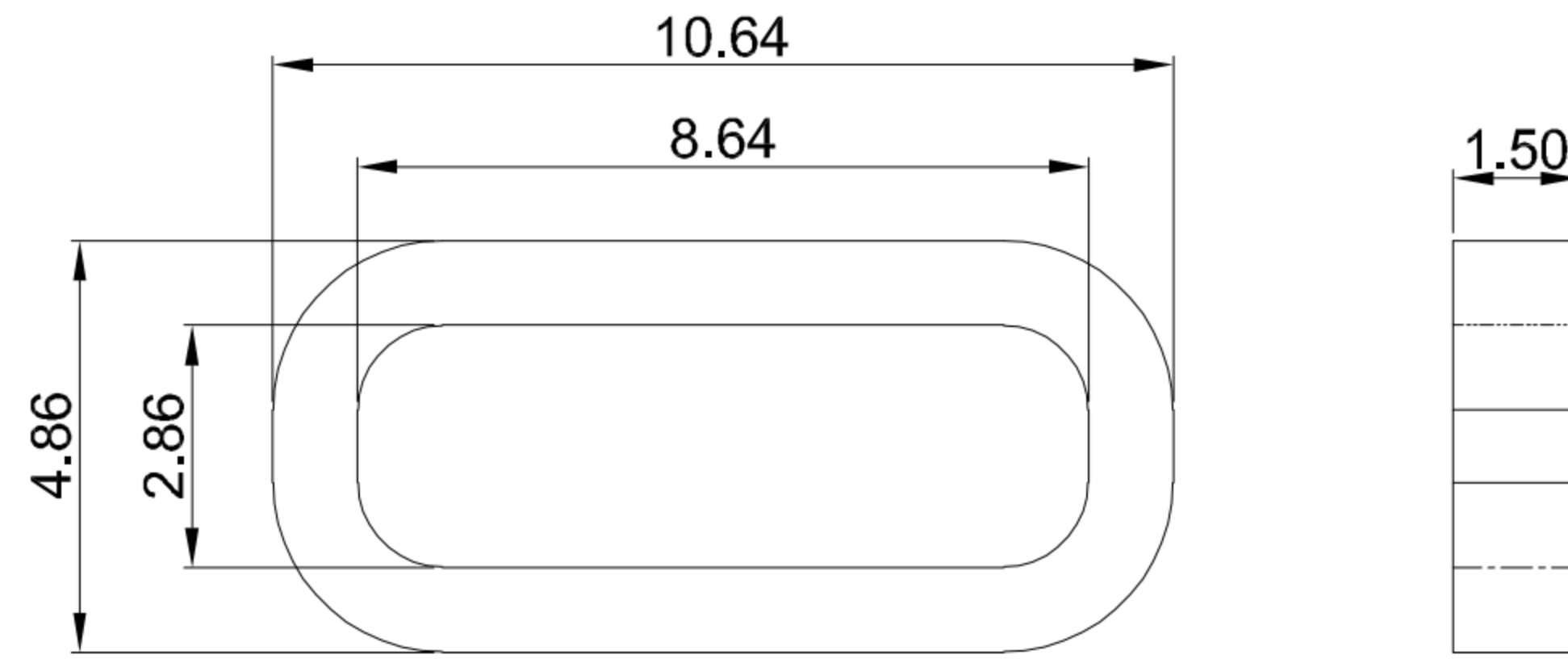
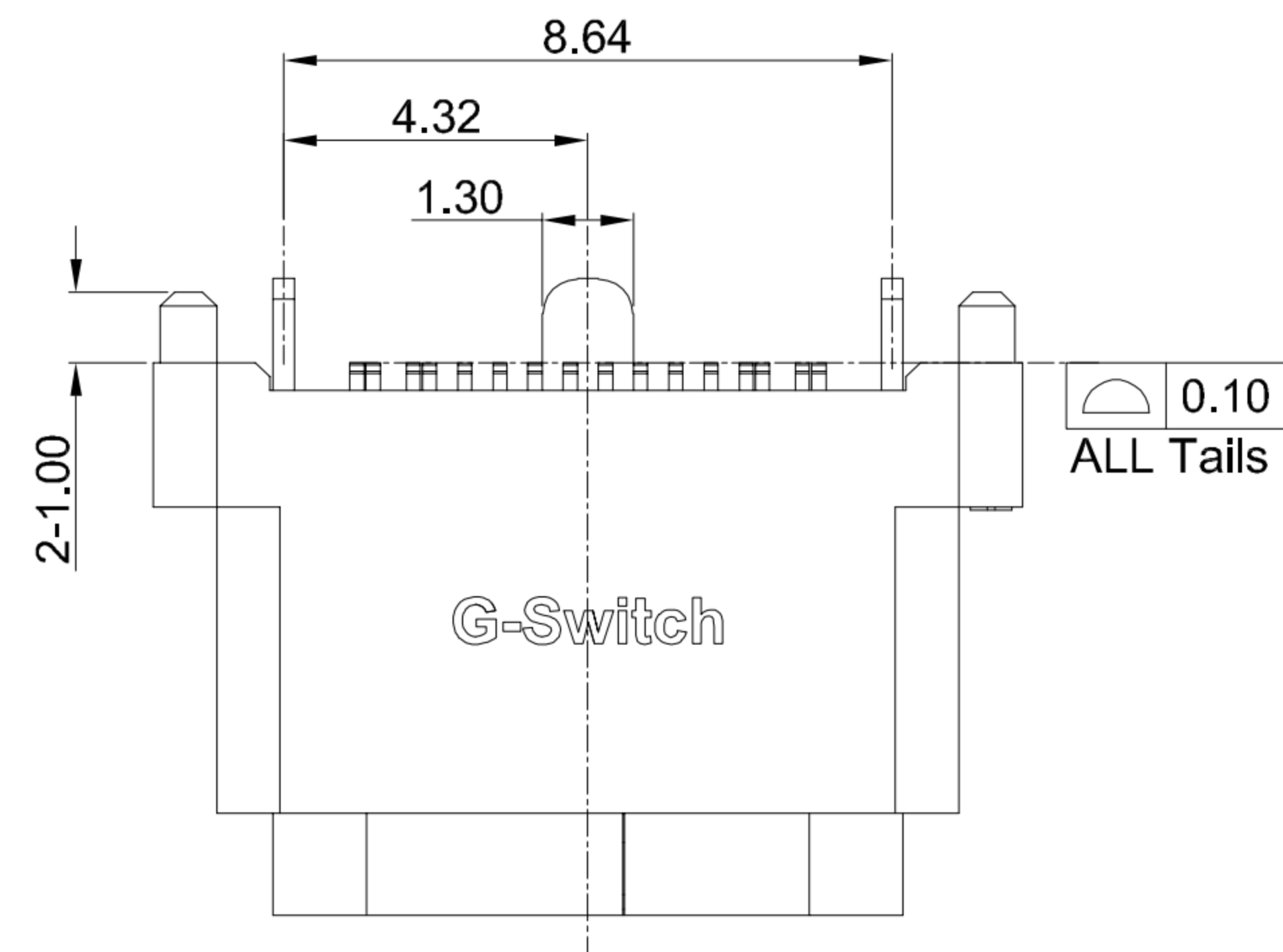
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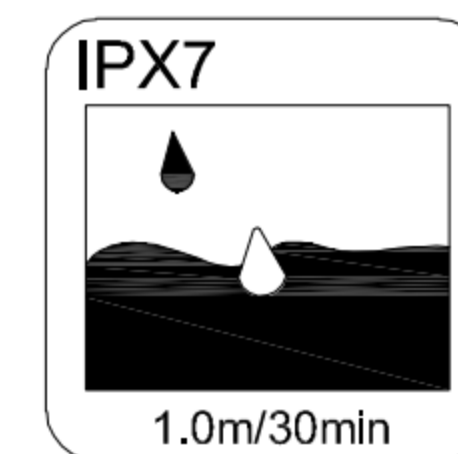
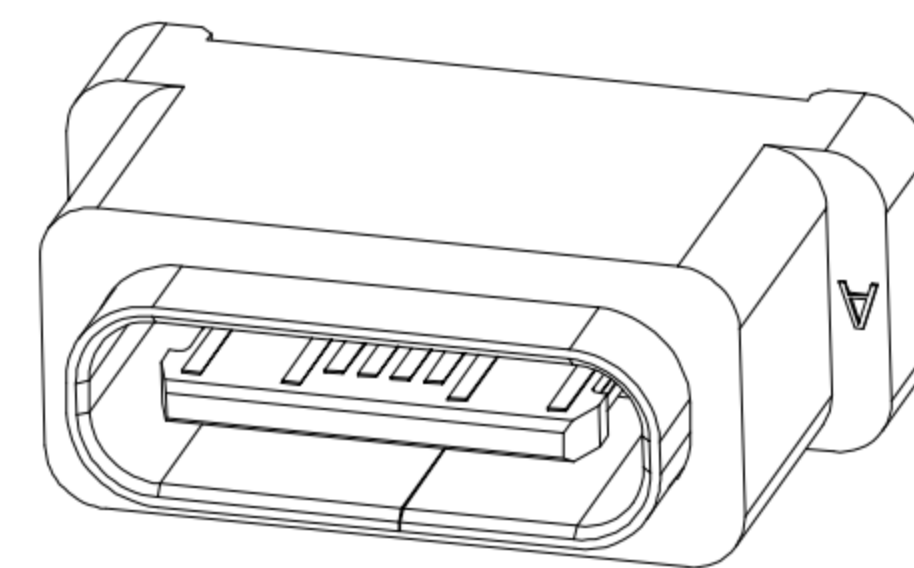
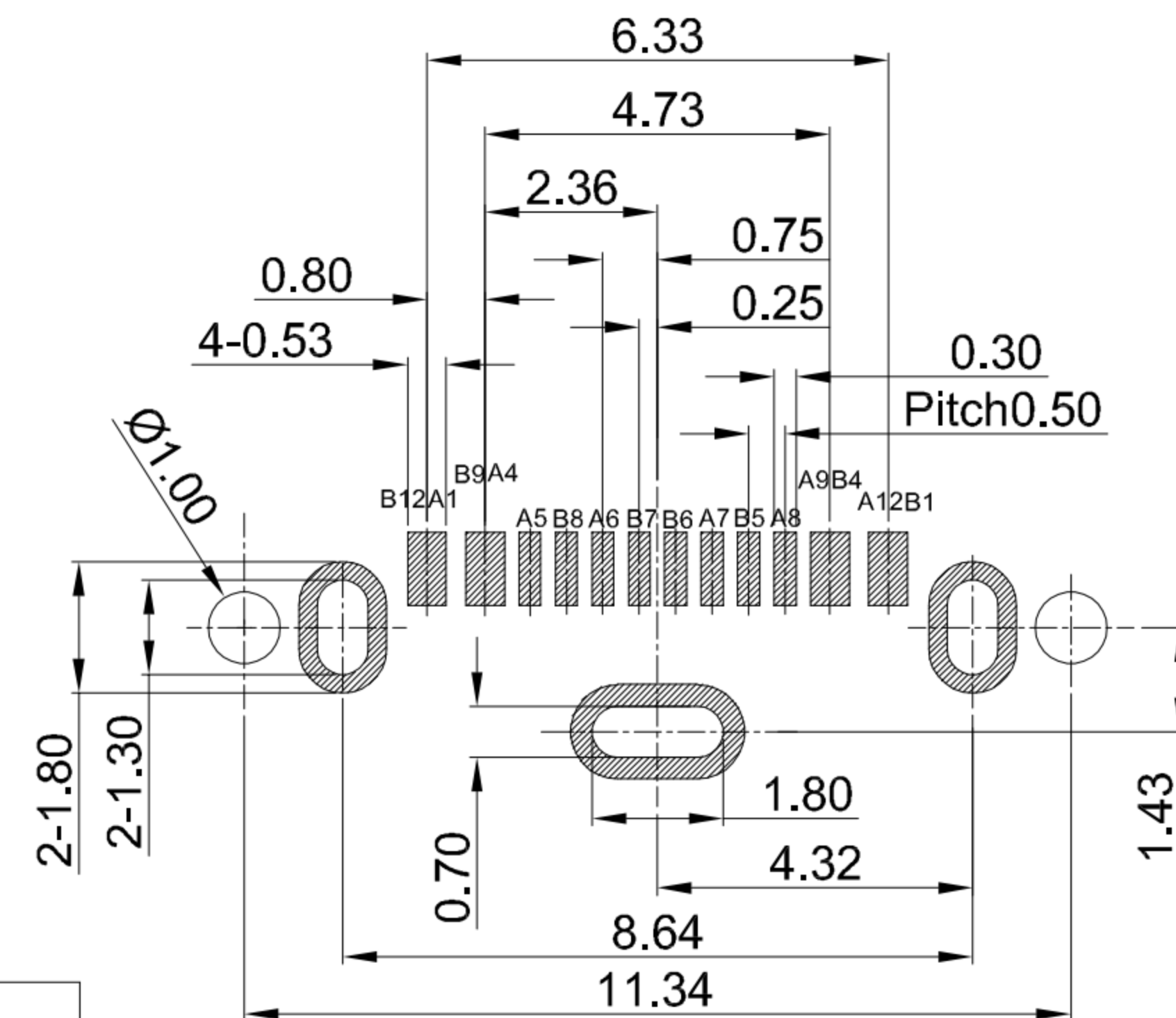
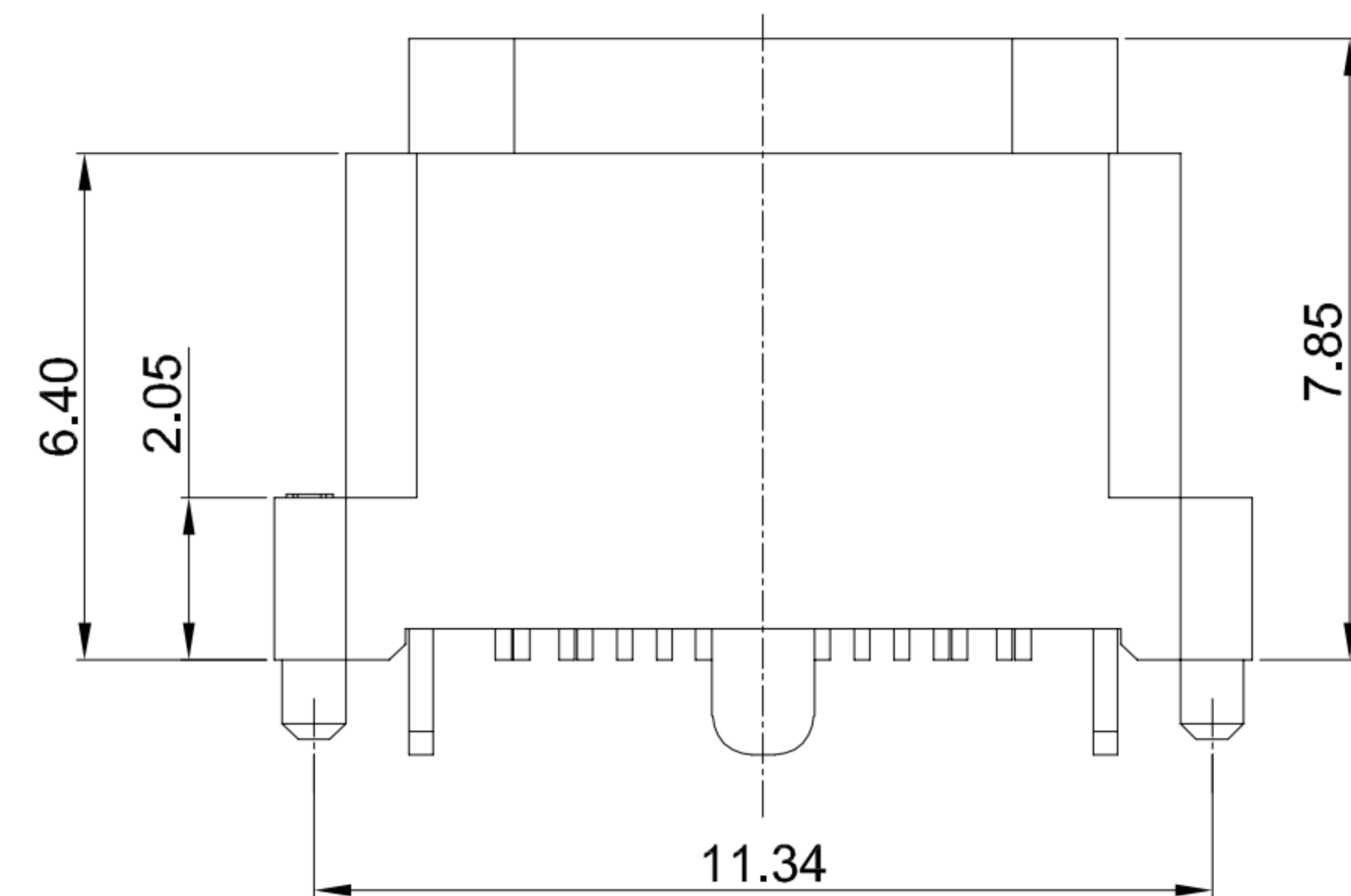
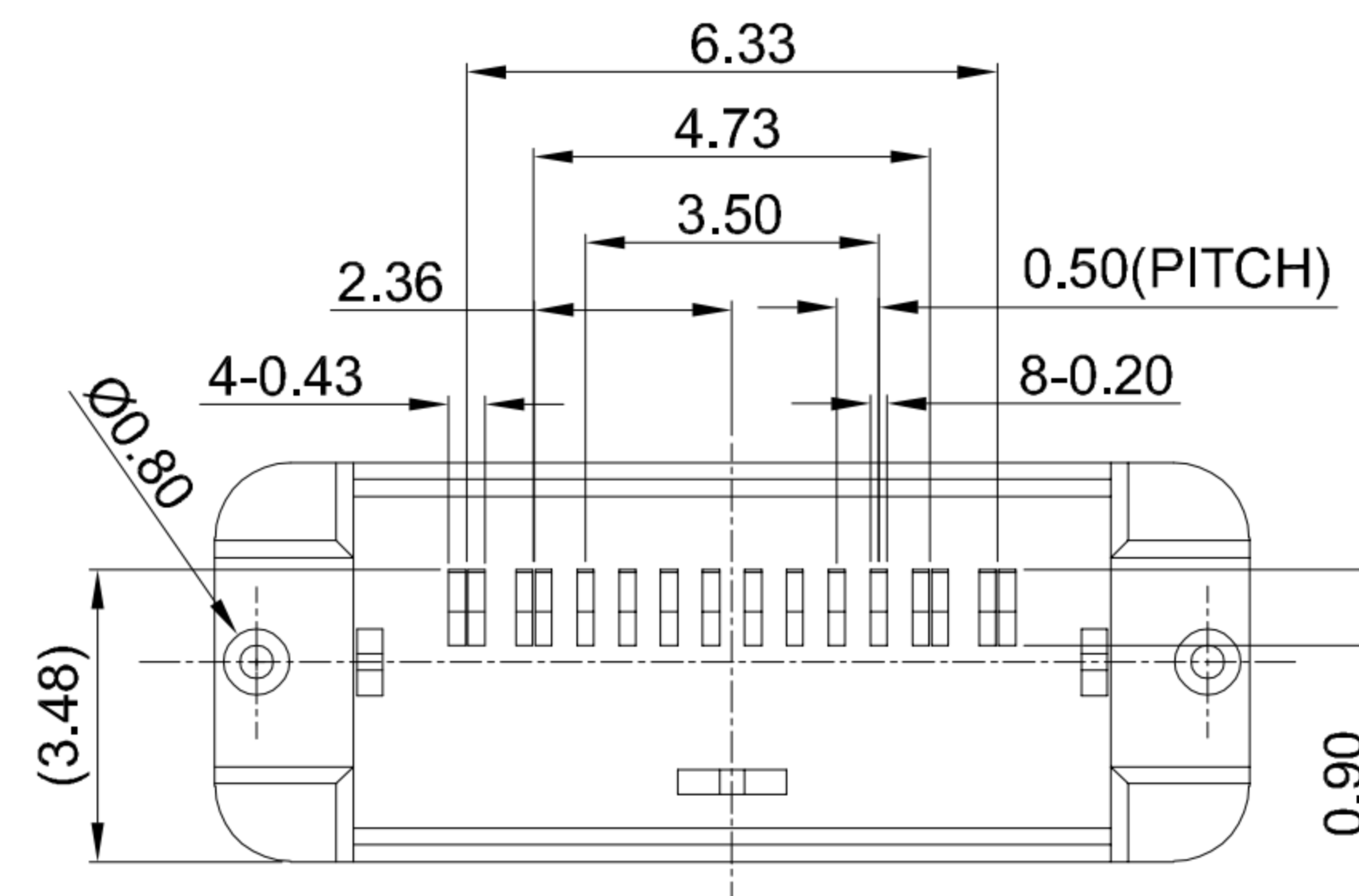
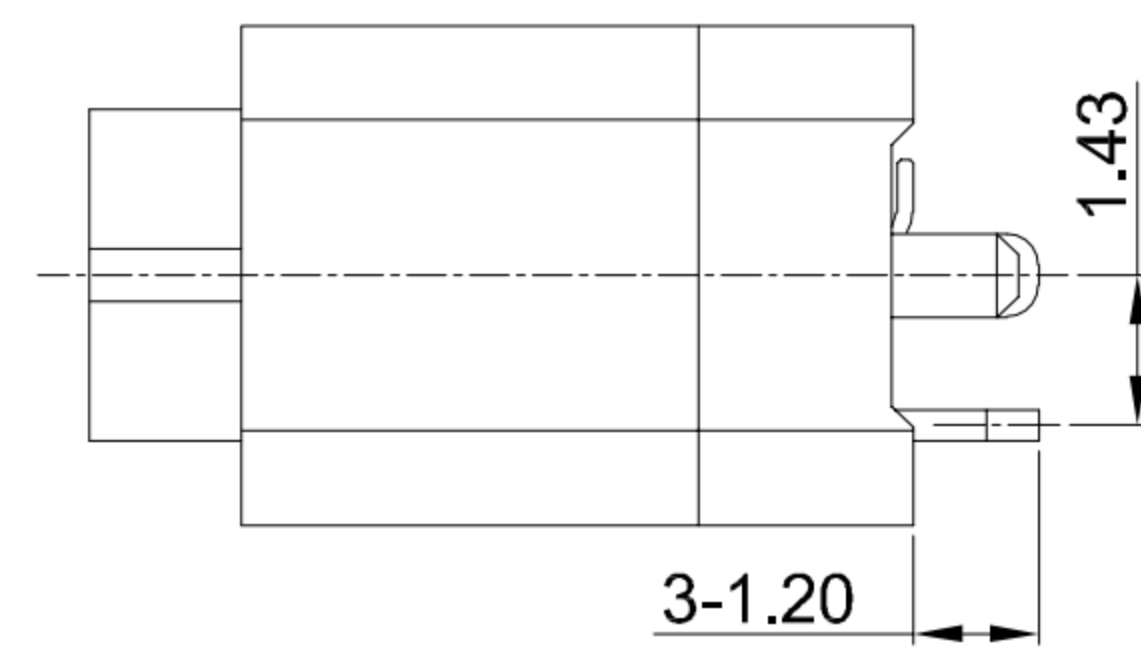
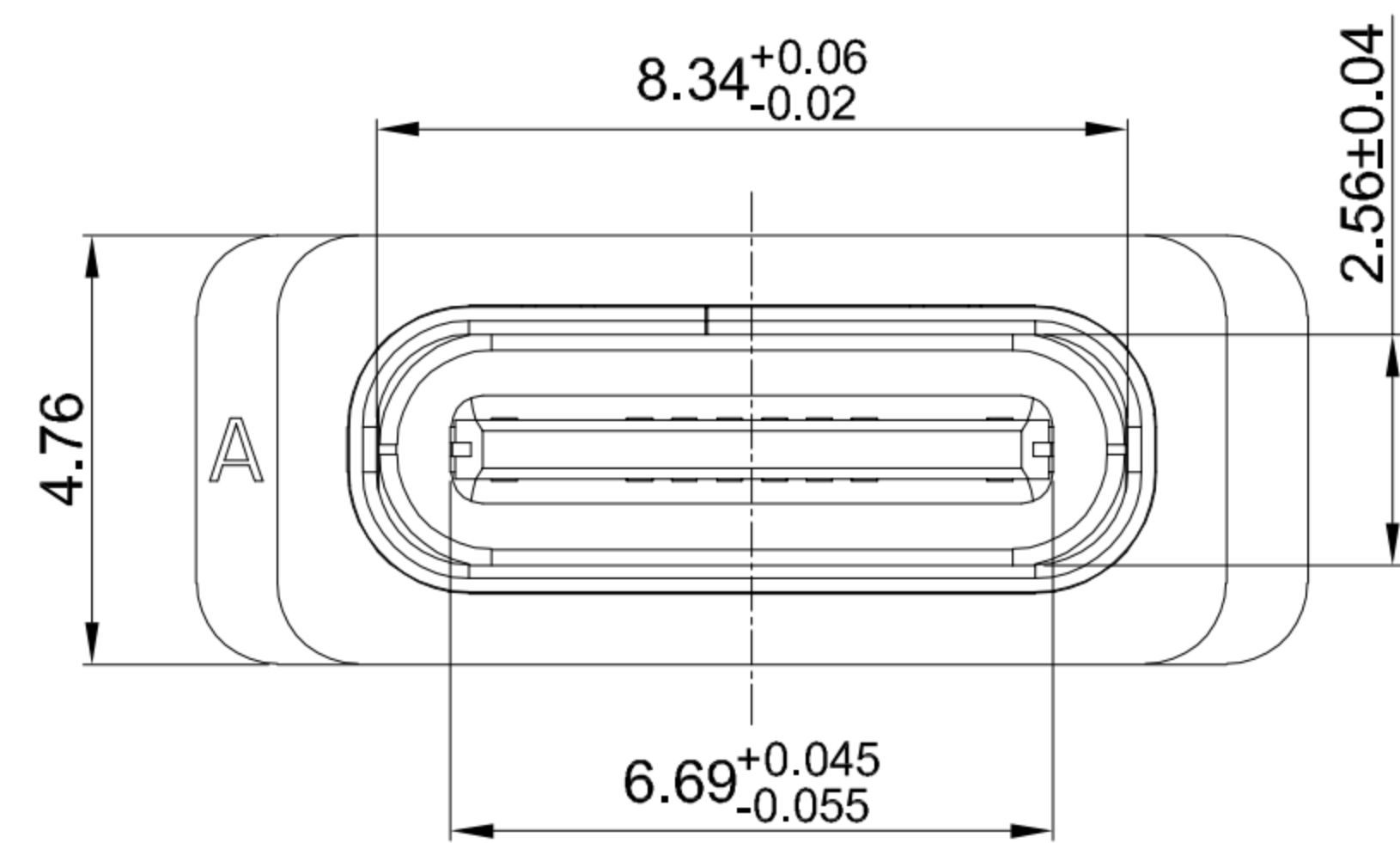
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SUGGESTED RUBBER RING SIZE



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X. ±0.50
X.x ±0.30
X.xx ±0.20
X.xxx ±0.05
X° ±3°

Title: Vertical Type-c 16P Female
DIP H=7.85mm

Molde Code: GT-USB-7073A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01



REV: A0 SHEET: 1/1

G-Switch USB-C Specification:

- 1.Current rated: 3A on vbus/1.25A on vconn/0.25A on other
- Voltage rating: 5V AC
- 2.Withstanding voltage: 100V AC/minute
- 3.Contact resistance: 40mΩ Max
- 4.Insulation resistance: 100MΩ Min
- 5.Operating temperature: -40°C ~ +85°C
- 6.Mating force: 5N~20N
- 7.Unmating force: 8N~20N
- 8.Durability cycle:10,000 cycles
- 9.Waterproof grade: IP-X7.

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
First			First	Second	Second	Second	Second	First			First

B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND
First			First	Second	Second	Second	Second	First			First

A

B

C

D

E

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2

3

4

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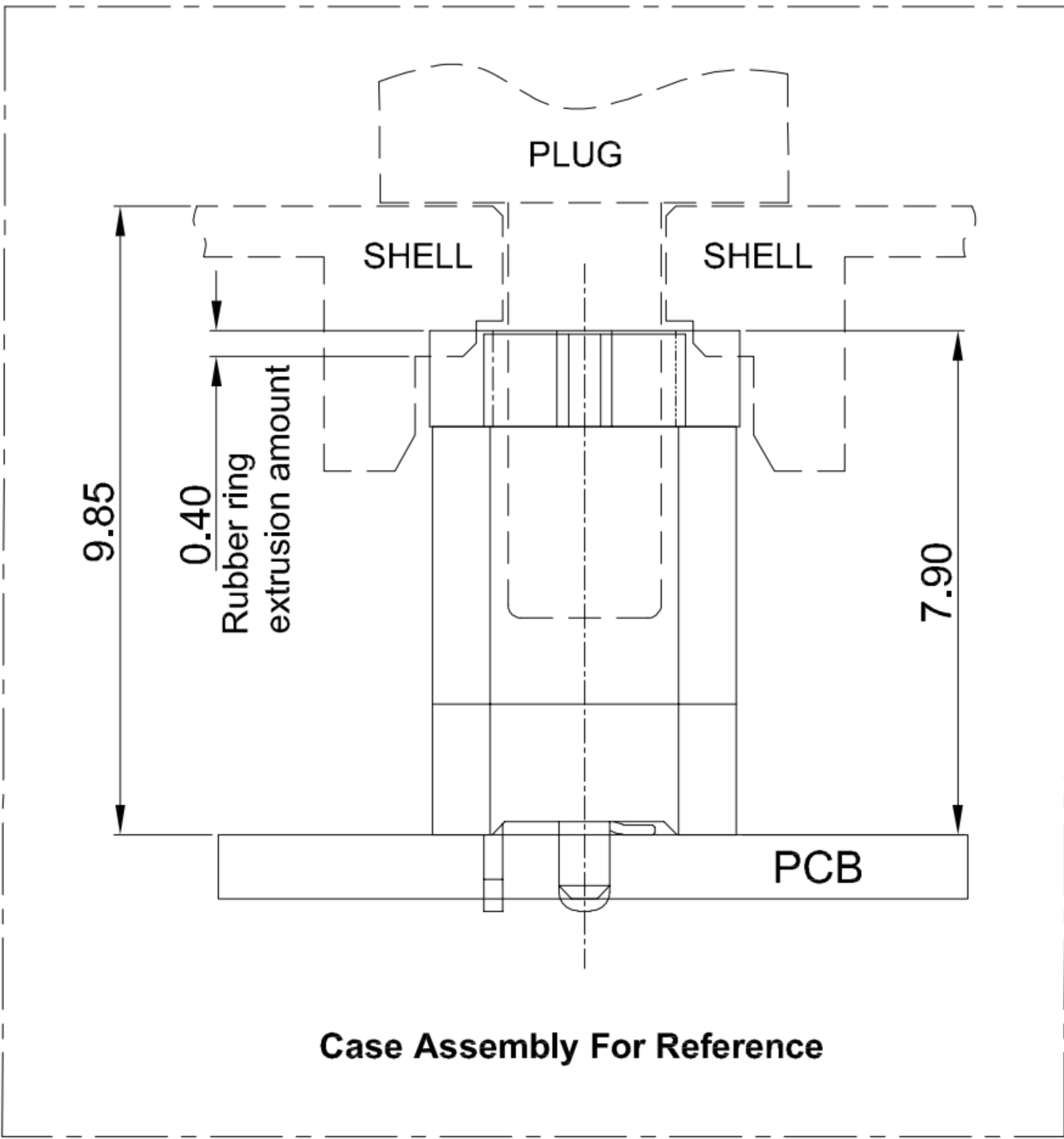
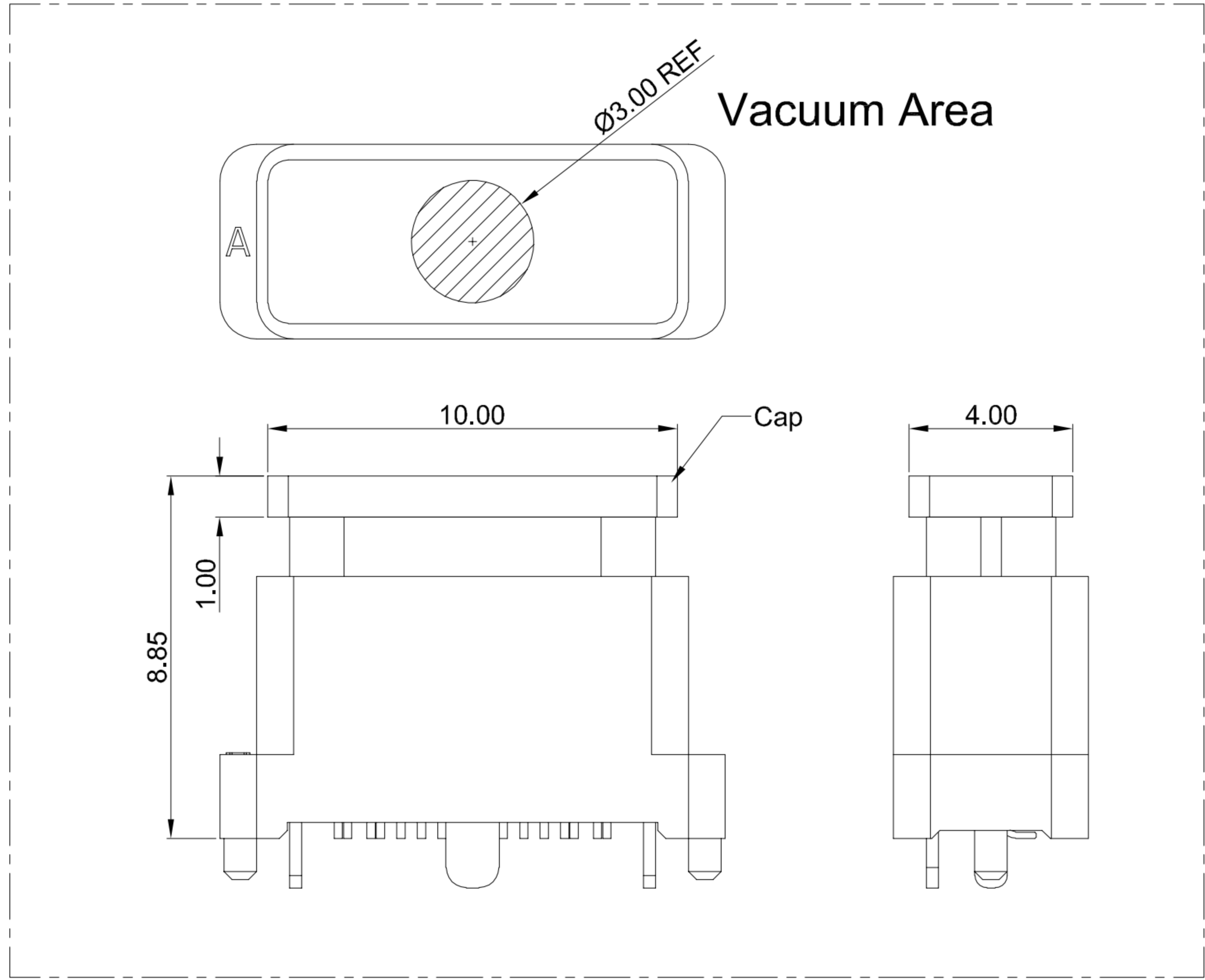
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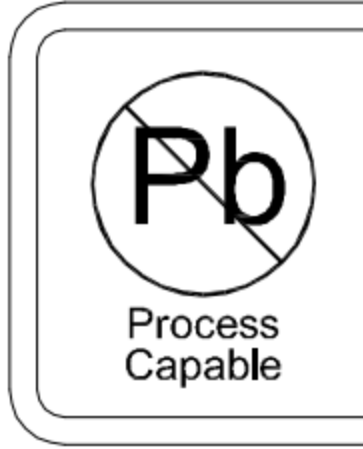
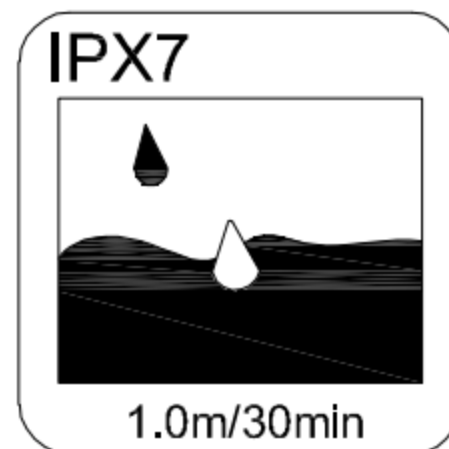
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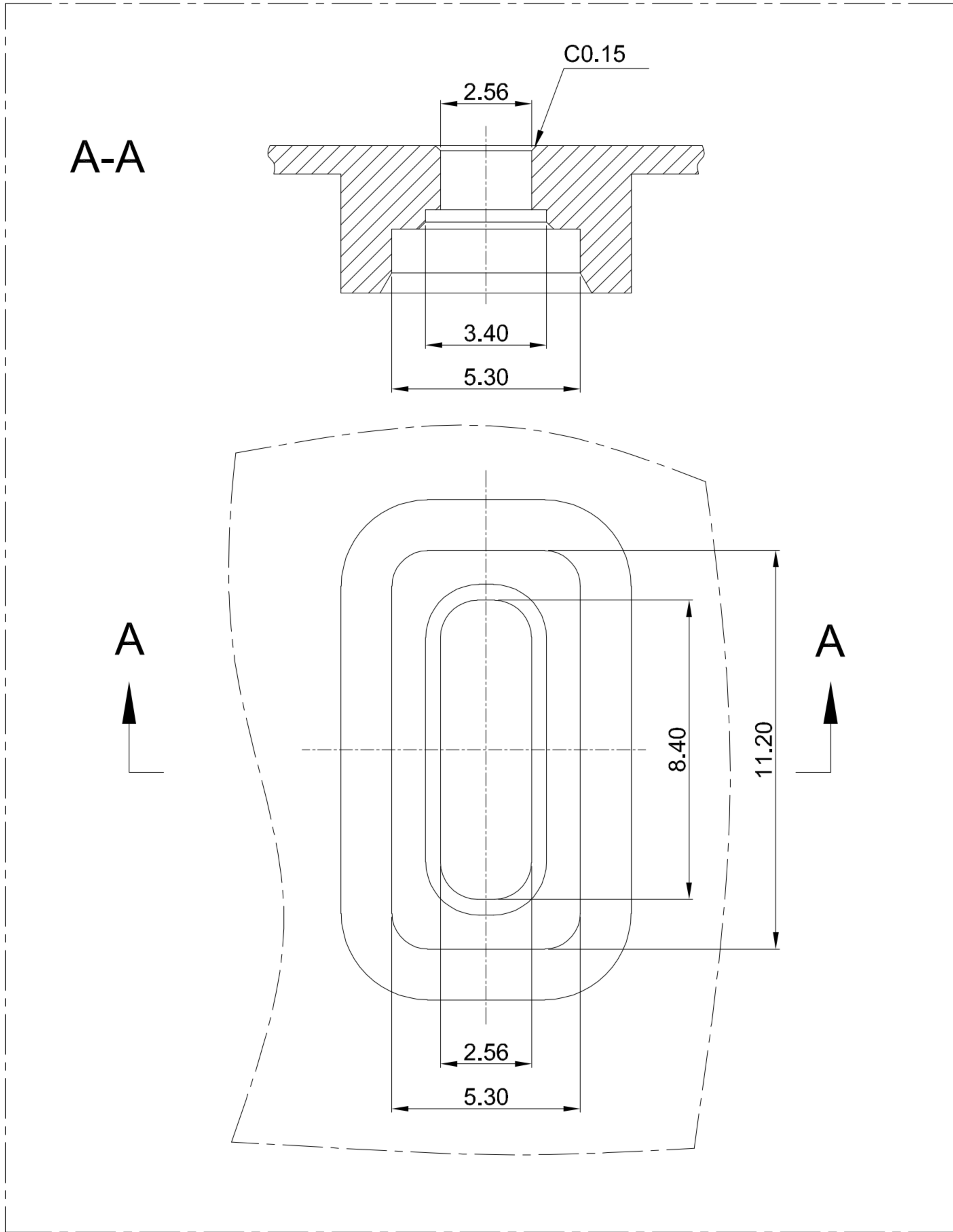
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Structural design considerations:
When using the finished product, if there are foam, toothpaste, hand sanitizer, and dirty liquid in the facial cleanser, please design another layer of shell outside the mouth of TYPE-C to protect the gold finger on the surface of TYPE-C from being covered by dirt.



Shell Reference Design Drawing



SCALE: 1:1	UNIT: mm	Title: Vertical Type-c 16P Female DIP H=7.85mm			
SIZE: A4		Molde Code: GT-USB-7073A			
Unless otherwise General Tolerance: X. ±0.50 X.x ±0.30 X.xx ±0.20 X.xxx ±0.05 X° ±3°		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2023.02.01
		REV: A0		SHEET: 1/1	

