

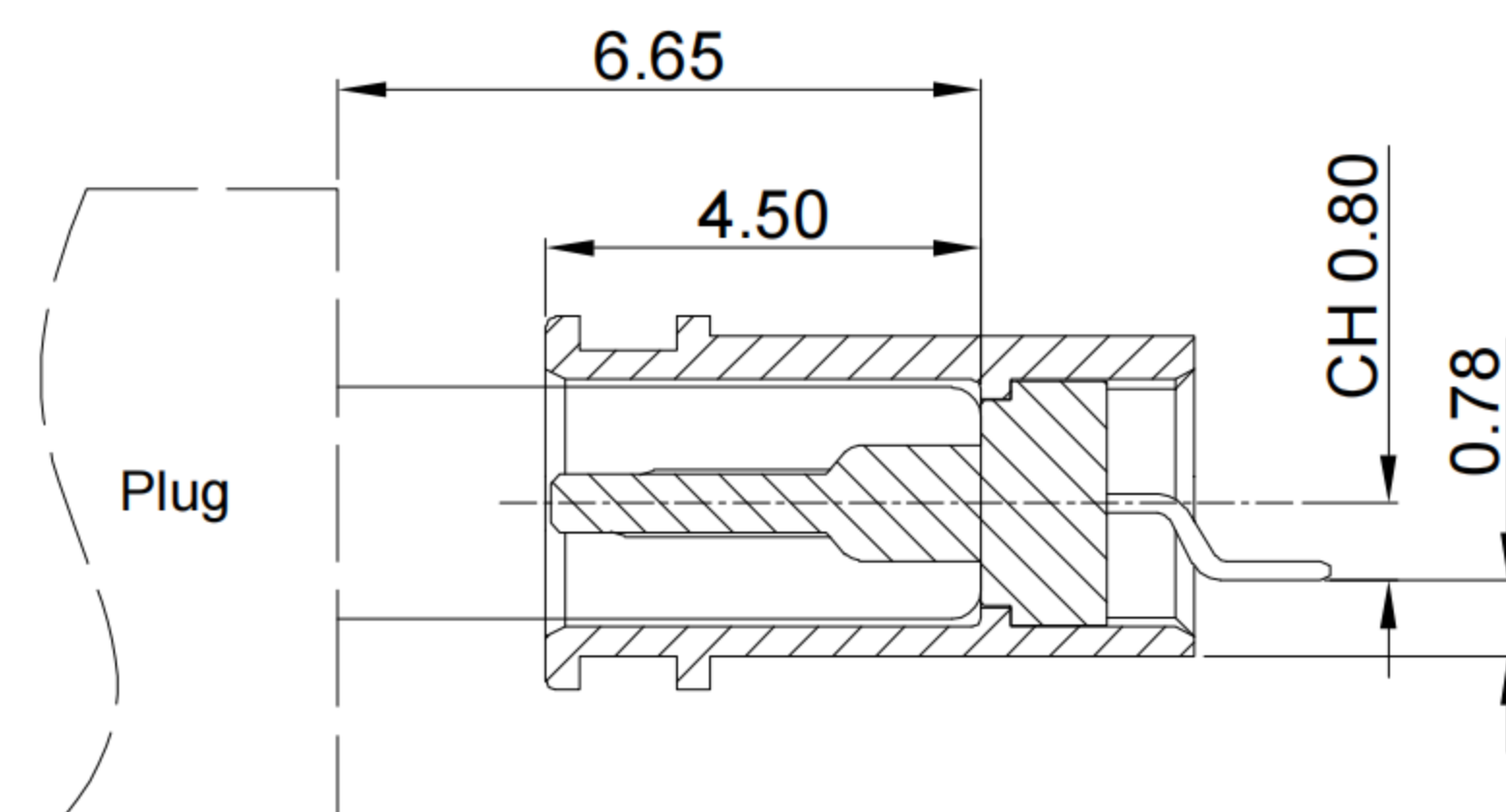
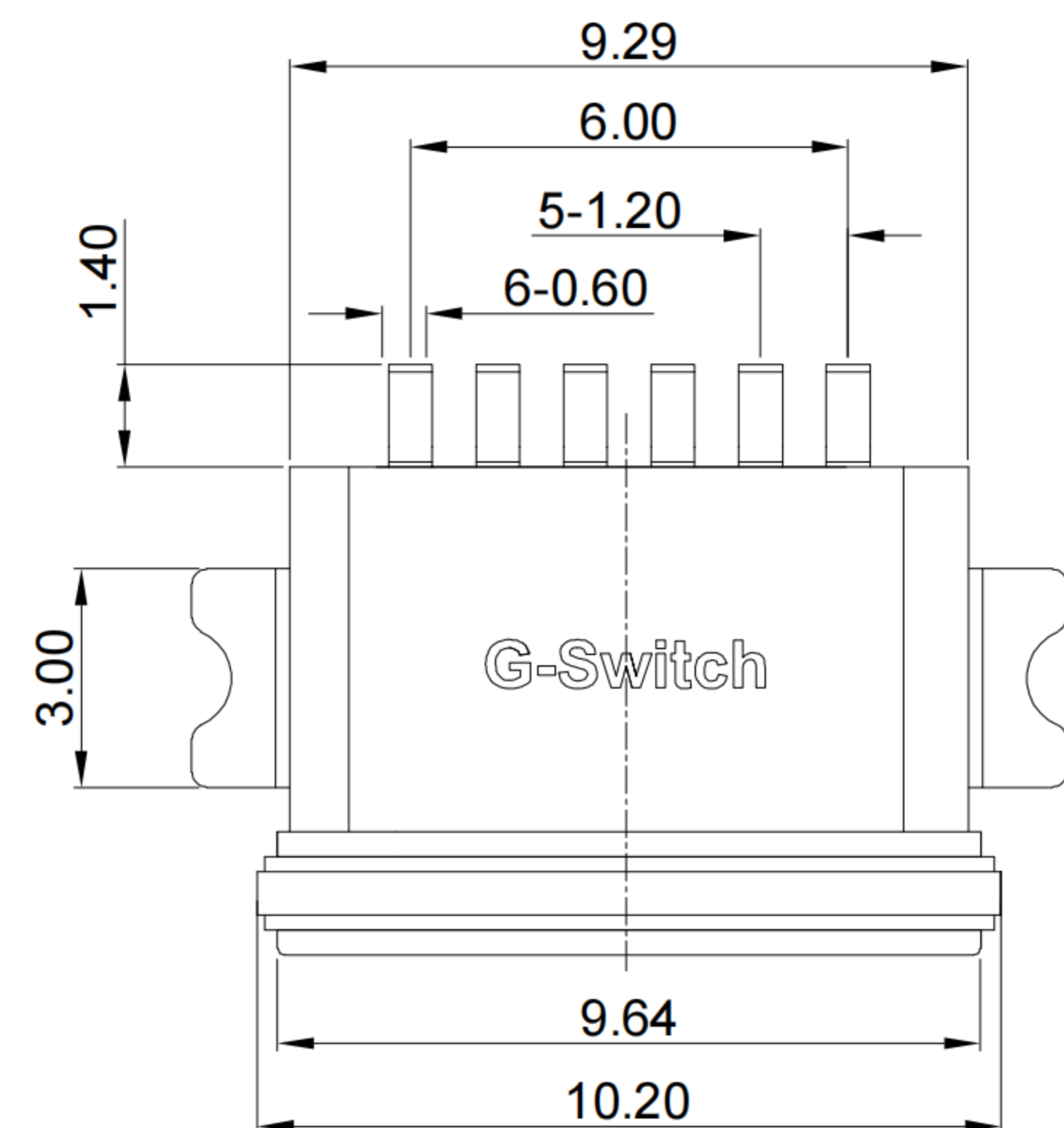
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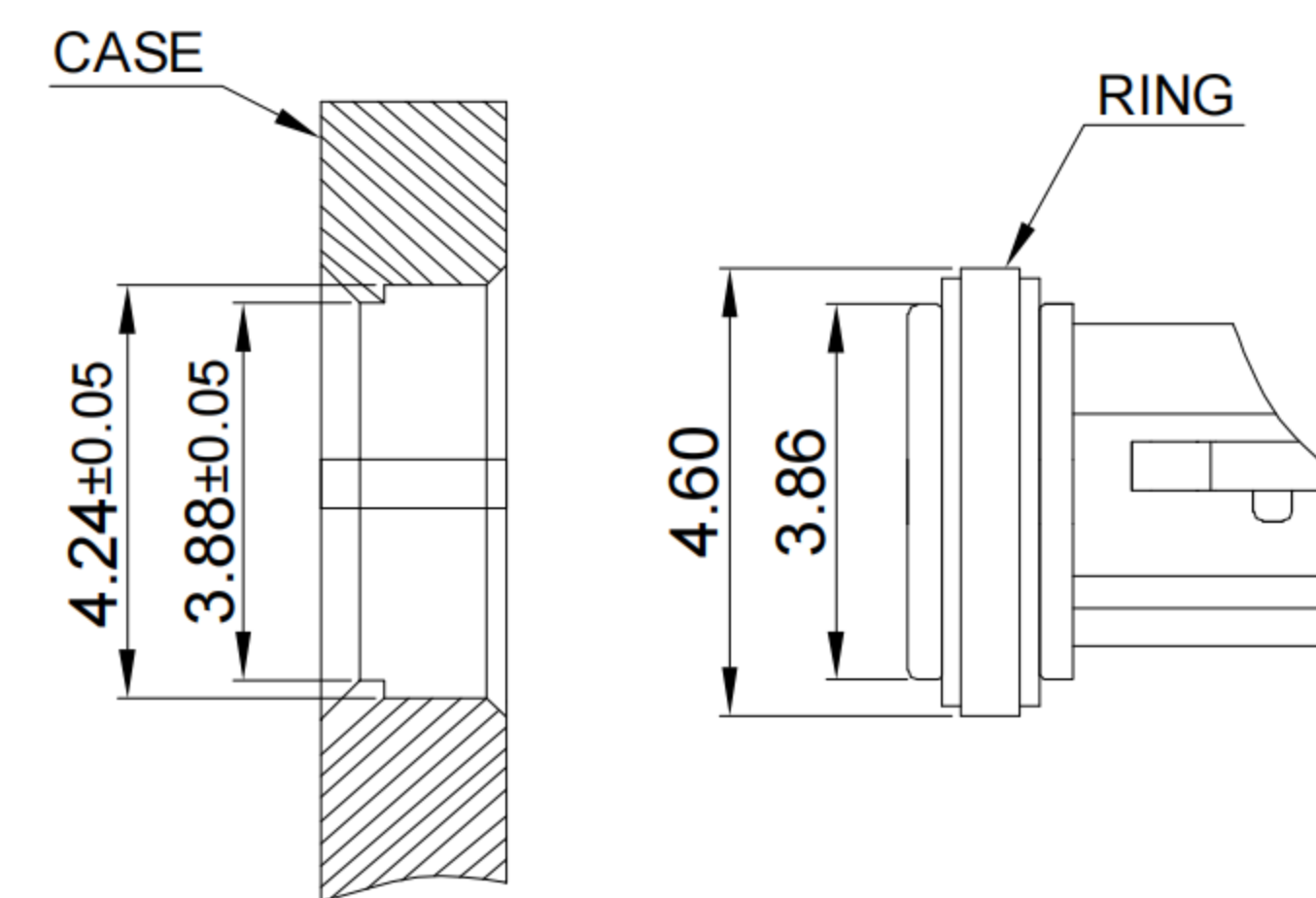
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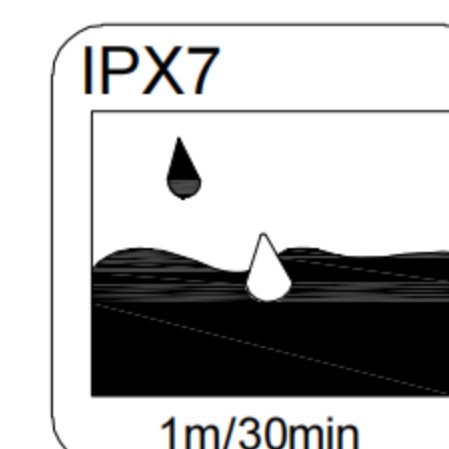
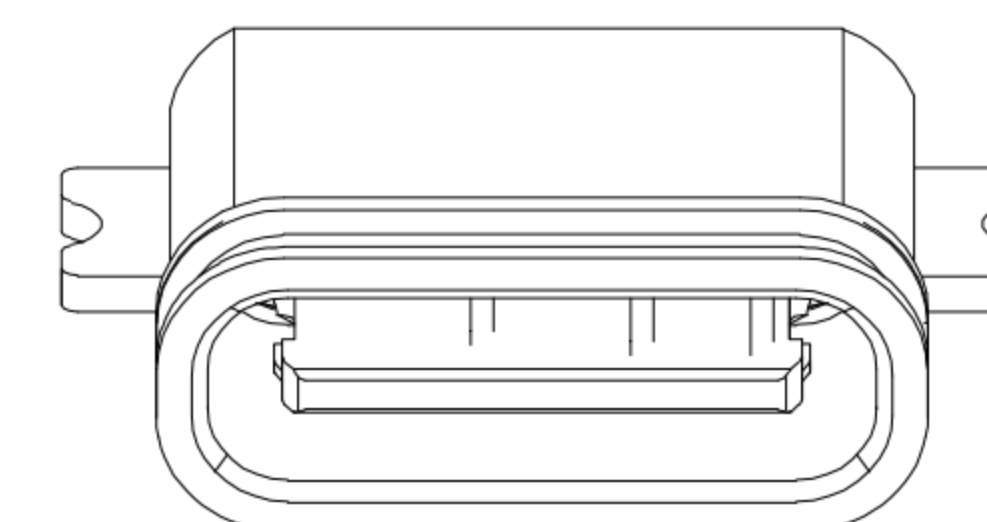
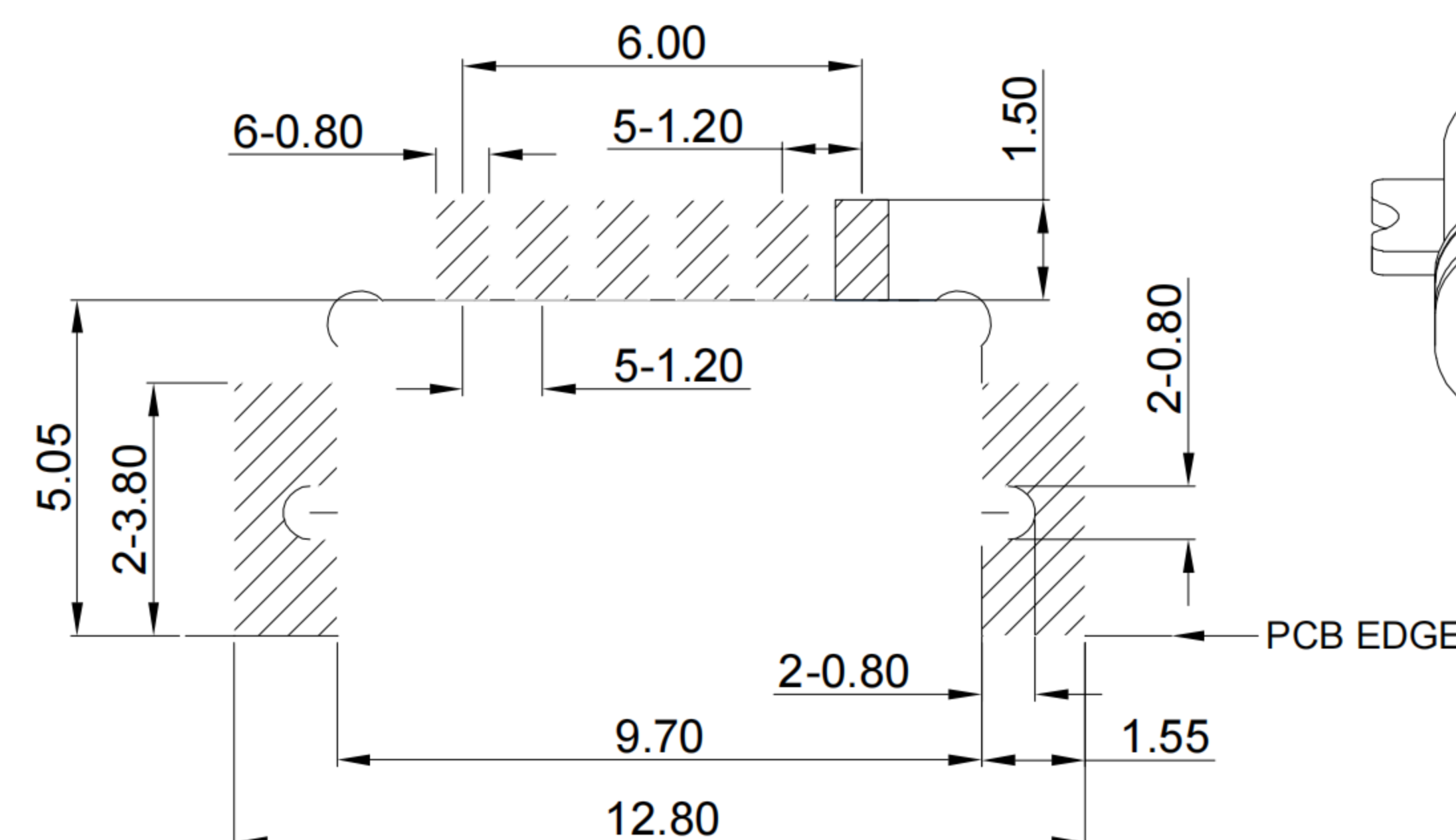
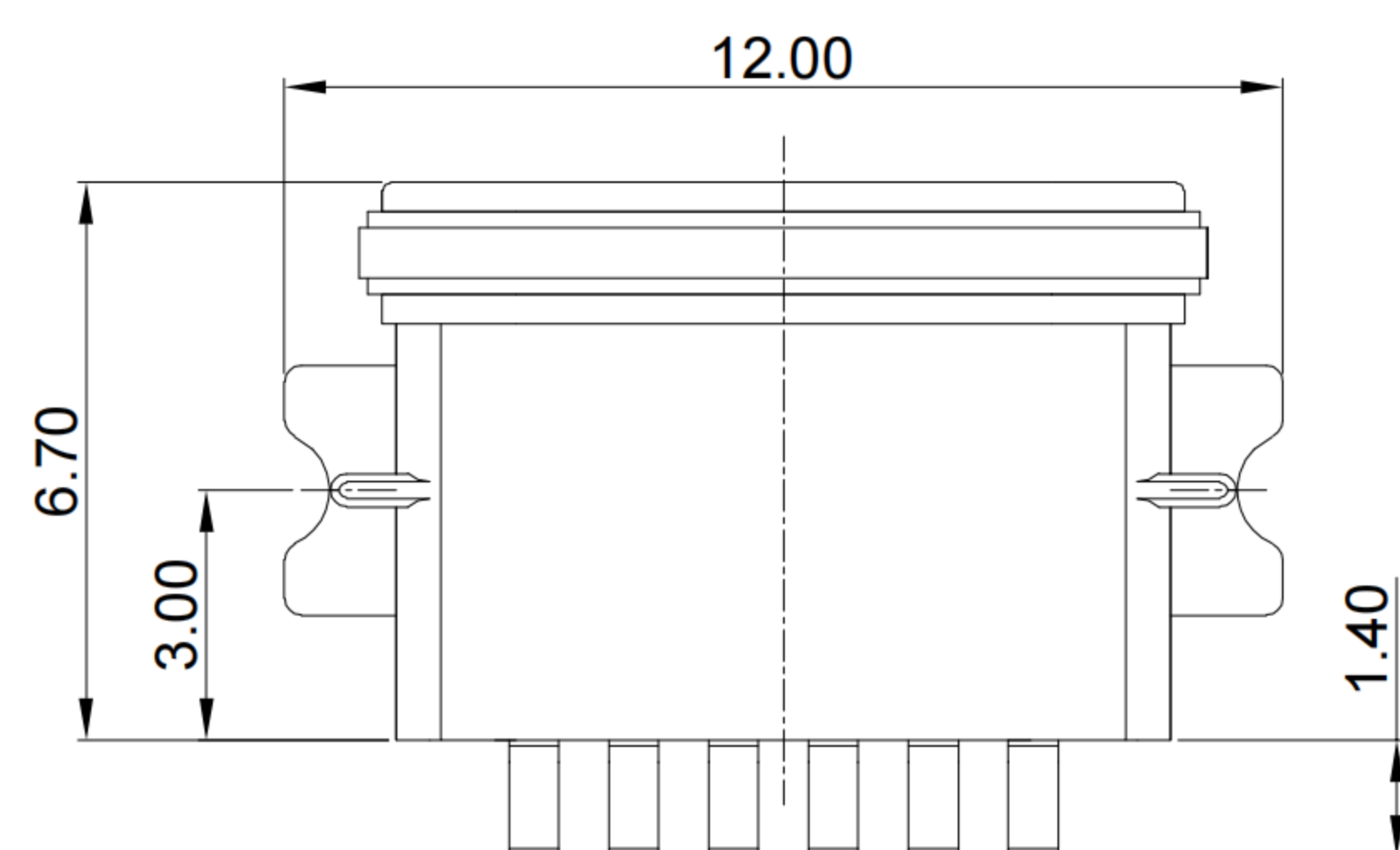
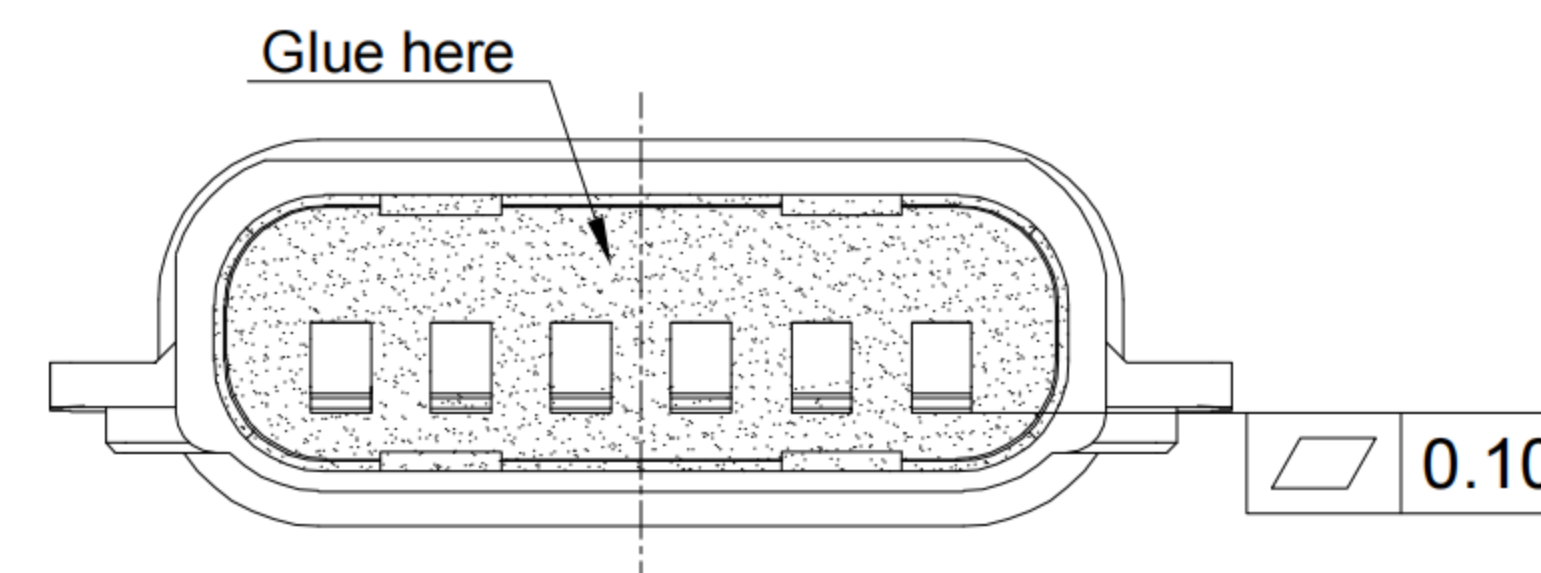
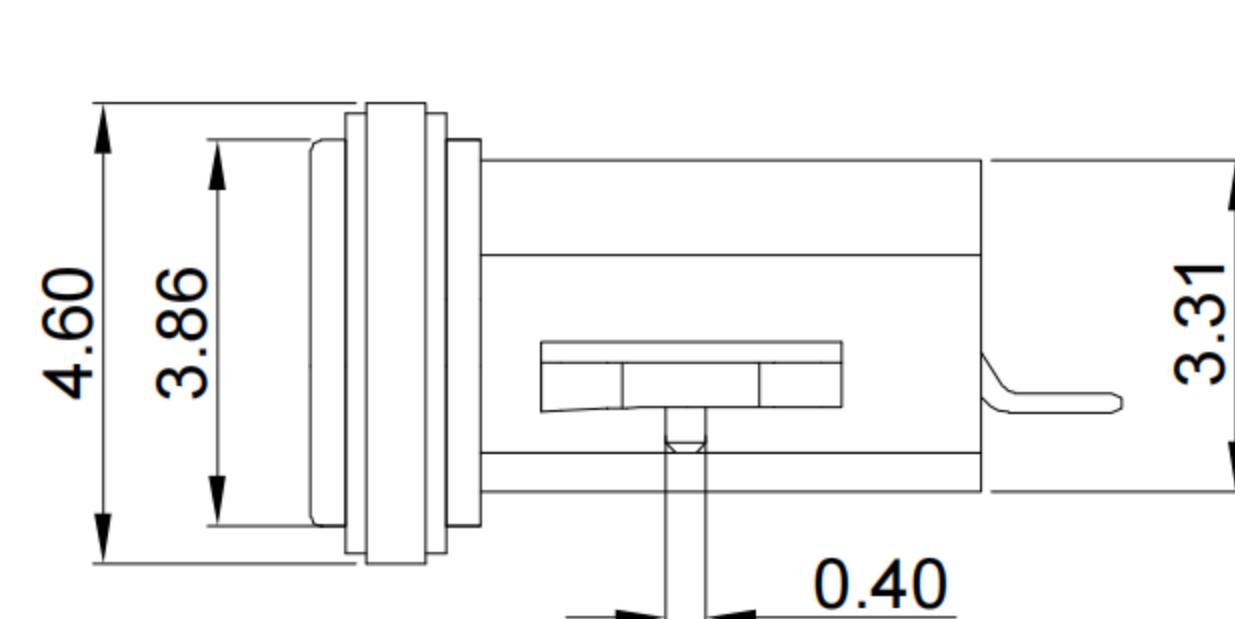
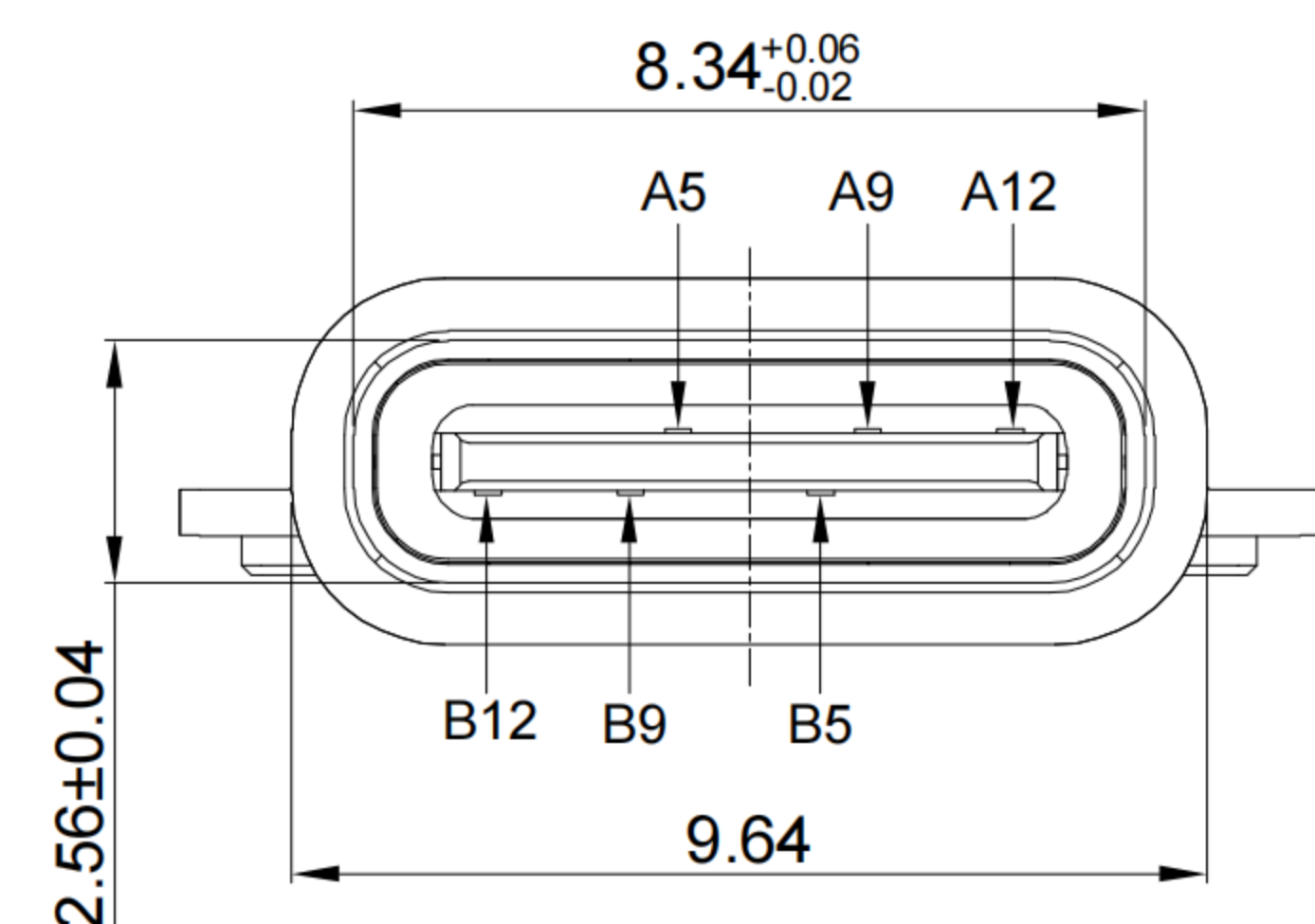
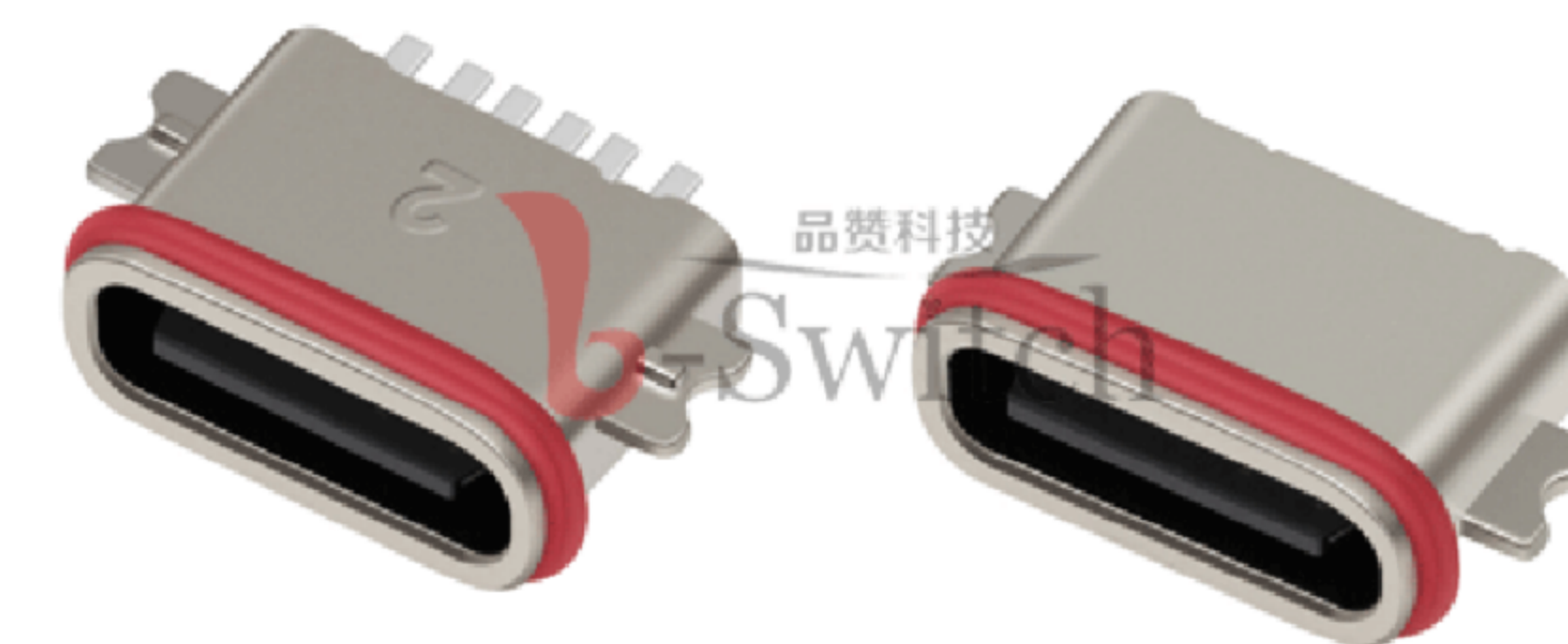
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AFTER MATING



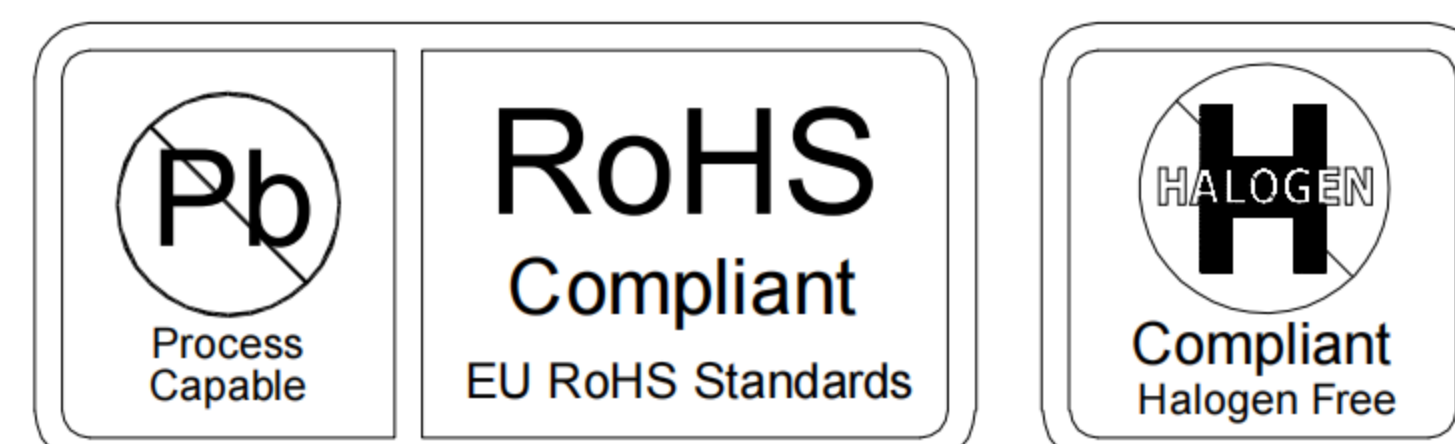
WATERPROOFING SCHEME
FOR REFERENCE ONLY



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
				CC1				VBUS			GND
				Second				First			First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
				VBUS				CC2			
				First				Second			

1	SHELL	ZINC ALLOY	Ni PLATED
2	MID PLATE	STAINLESS STEEL	--
3	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY C2680	Au PLATING ON CONTACT AREA
5	WATERPROOF RING	SILICONE	RED
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Horizontal Type-c 6P Female Mid-Mount 0.8 CH=0.8 L=6.7mm			
SIZE: A4		Molde Code: GT-USB-7008A01			
Unless otherwise General Tolerance: X.x ±0.20 X.xx ±0.15 X.xxx ±0.10 X° ±3°		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2023.02.31



REV: A0 SHEET: 1/1

G-Switch USB-C Specification:

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
Voltage rating: 24V 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

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[HYCW213-USBA04-113B](#) [UB-20AMFM-SL7A01](#) [KMMX-BSMT35S-1-B30TR](#) [2345986-1](#)