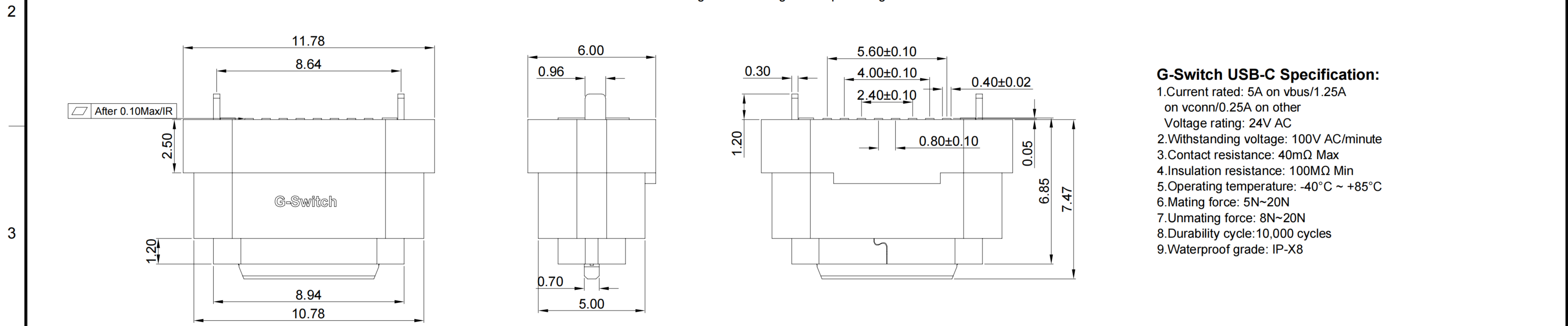


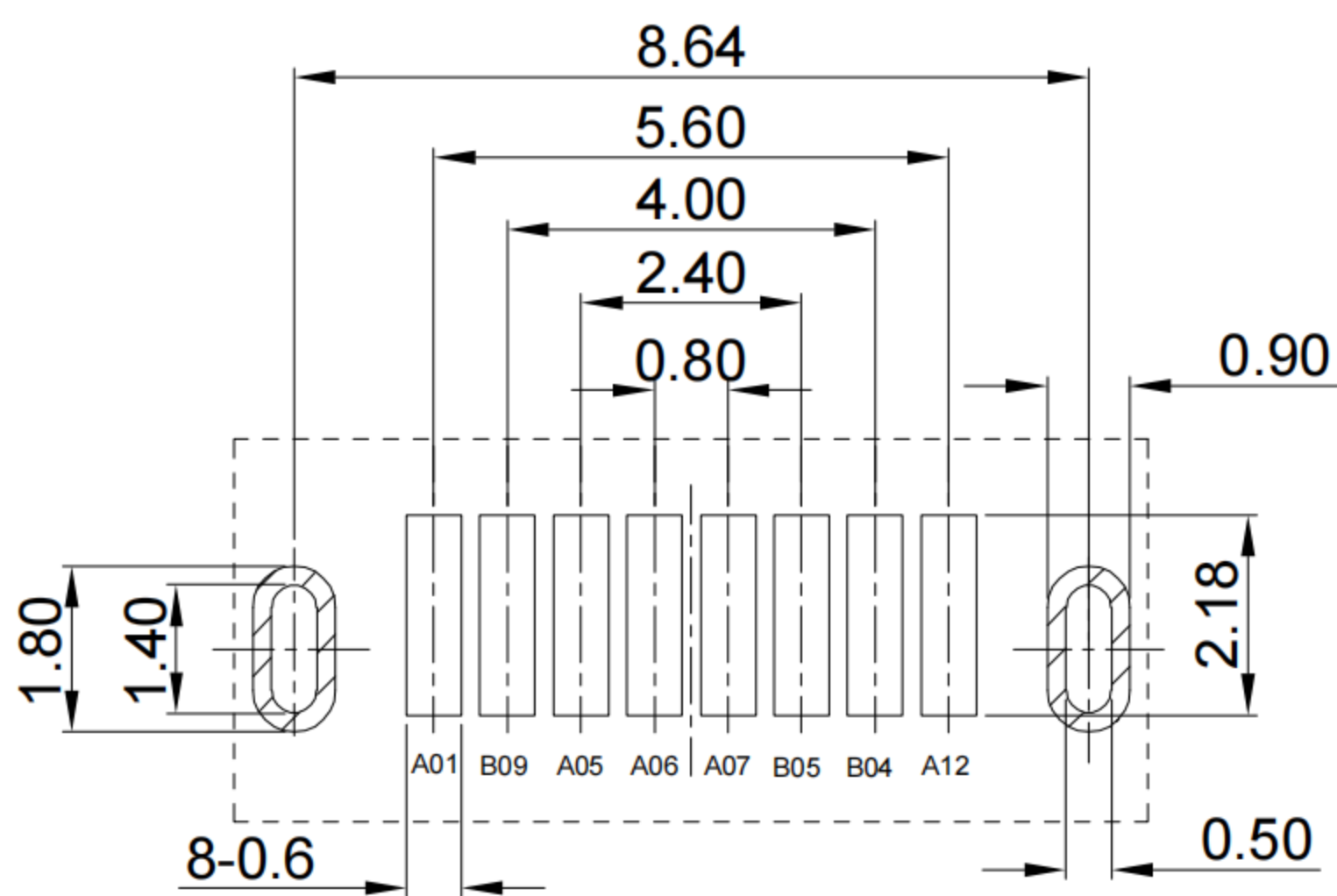
Schematic diagram of adding a waterproof ring



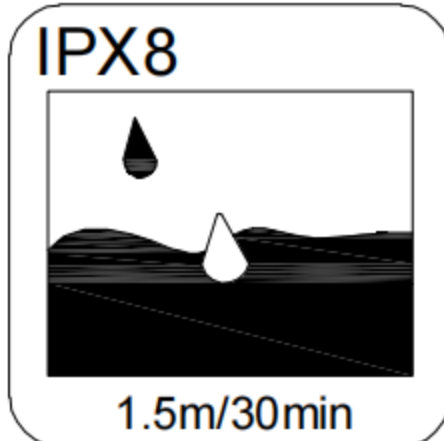
G-Switch USB-C Specification:

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 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-X8

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



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



1	SHELL	STAINLESS STEEL	Ni PLATED
2	MID PLATE	STAINLESS STEEL	
3	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY C7025	Au3u" PLATING ON CONTACT AREA
5	CAP	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Vertical Type-c 8P Female SMT H=6.85mm	
SIZE: A4		Molde Code: GT-USB-7015A	
Unless otherwise General Tolerance:		DRAWN	CHECKED
X.x	±0.30	Xia	Chen
X.xx	±0.20		
X.xxx	±0.10	APPROVED	DATE
X°	±3°	Chen	2023.02.31



REV: A0 SHEET: 1/1

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