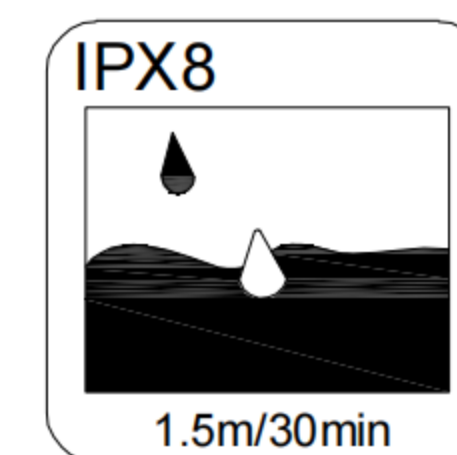
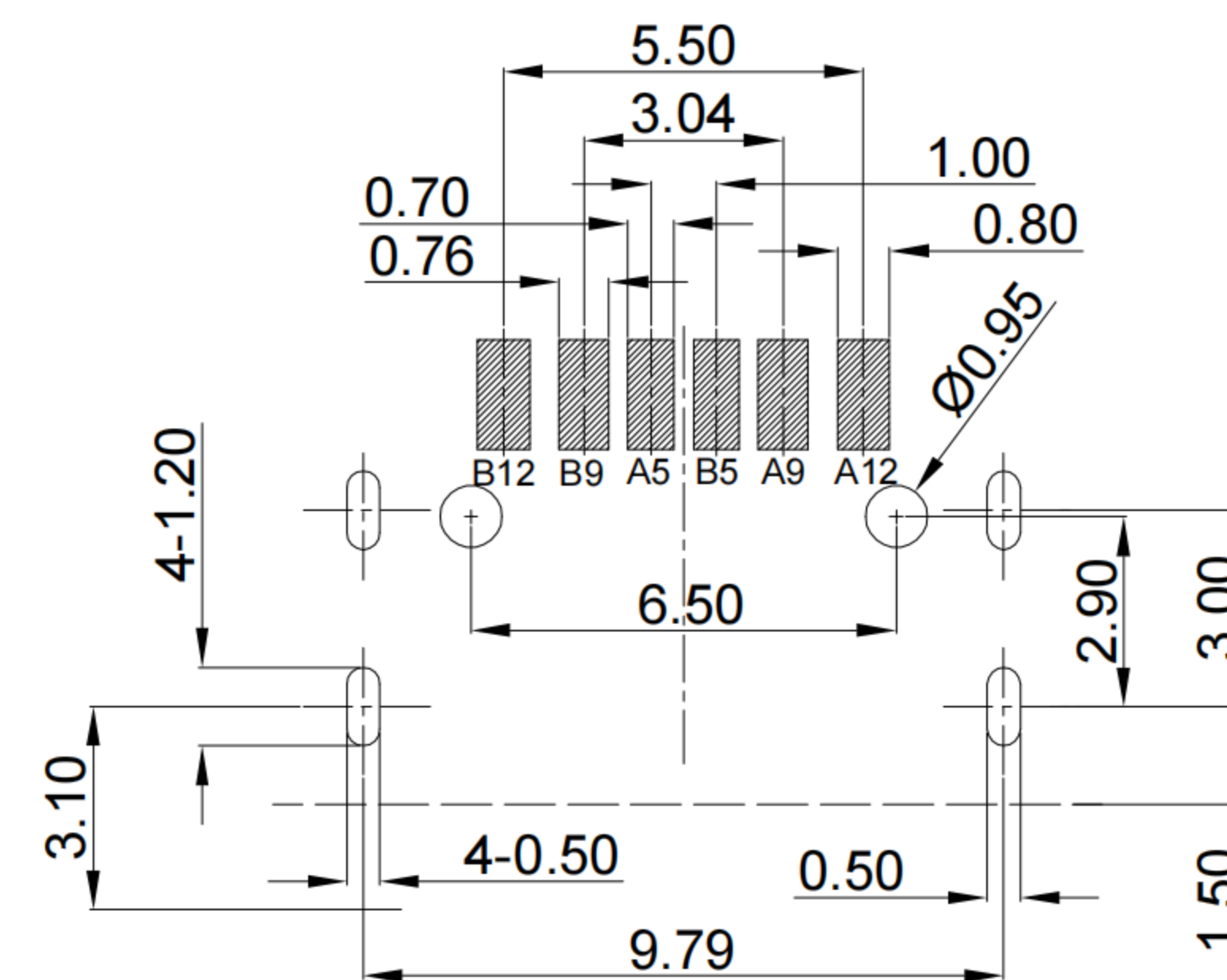
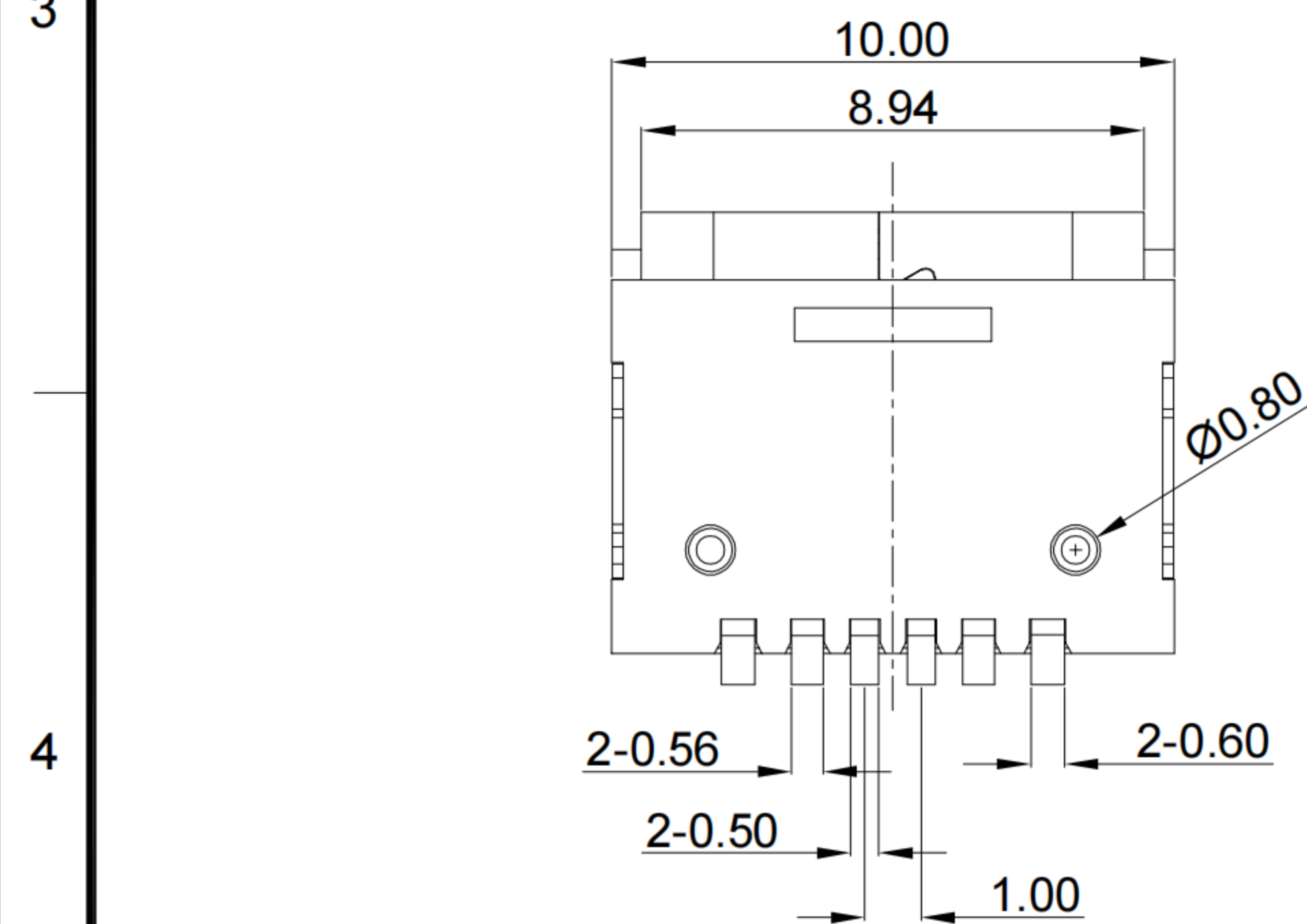


**G-Switch USB-C Specification:**

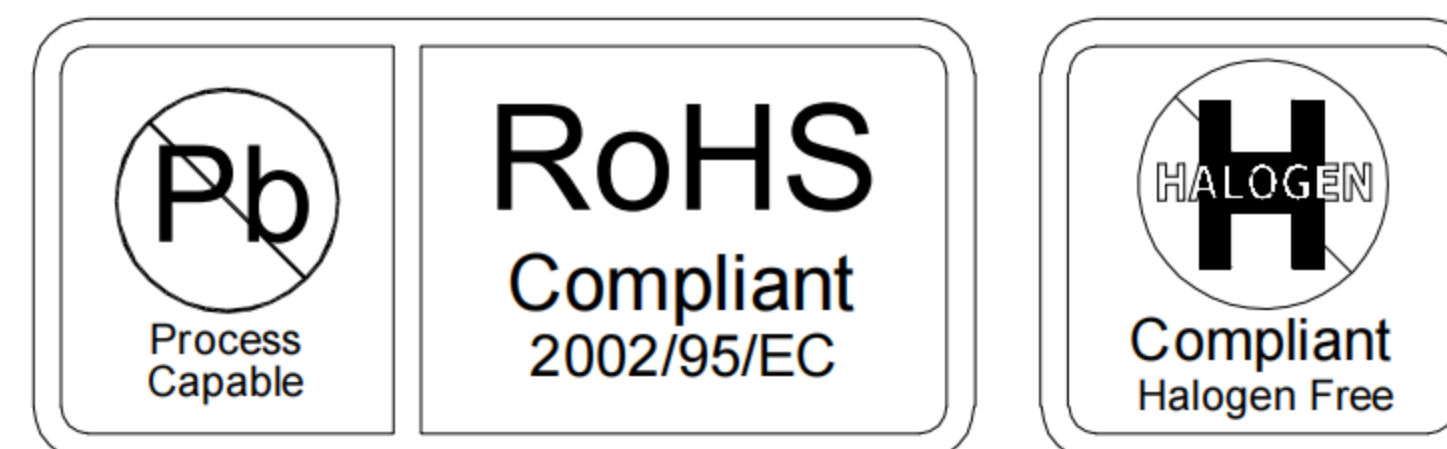
1. Current rated: 5A on Vbus/1.25A on Vconn/0.25A on other  
Voltage rating: 24V AC
2. Withstanding voltage: 100V AC/minute
3. Contact Resistance: 40mΩ Max
4. Insulation Resistance: 100MΩ Min
5. Operating temperature: -40 °C ~ +85 °C
6. Mating force: 5N~20N
7. Unmating force: 8N~20N
8. Durability Cycle: 10,000 Cycles
9. Waterproof Grade: IP-X8.



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
GND			VBUS				CC2				
First			First				Second				

1	SHELL	STAINLESS STEEL	NI PLATED
2	MID PLATE	STAINLESS STEEL	
3	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA
5	SHEATH	HIGH TEMPERATURE PLASTIC	PA46 BLACK UL 94 V-0
6	WATERPROOF RING	SILICA GEL	BLACK
NO.	PARTS	MATERIAL	REMARKS

RECOMMENDED PCB LAYOUT  
TOLERANCE: ±0.05



SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless otherwise  
General Tolerance:  
X. ±0.20  
X.x ±0.15  
X.xx ±0.10  
X.xxx ±0.05  
Angles ±3°

Title: Horizontal Type-c 6P Female  
SMT CH=2.38 L=7.85mm

Molde Code: GT-USB-7040C

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.24



REV: A0 SHEET: 1/1

A

B

C

D

E