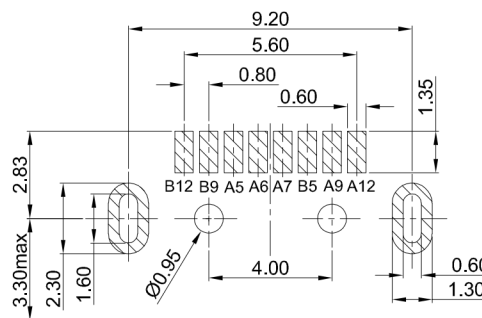
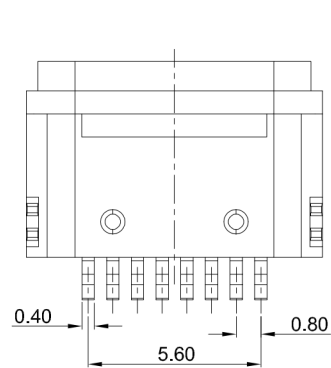
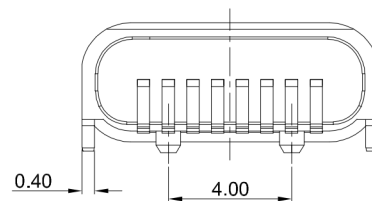
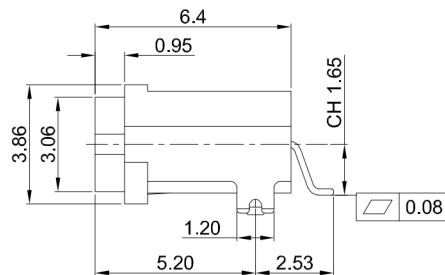
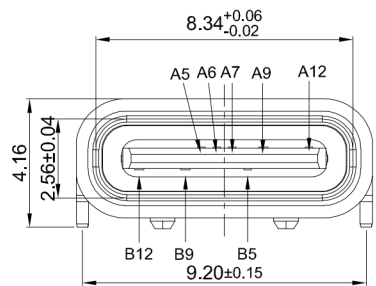


Schematic diagram of waterproof structure  
The thickness of the waterproof ring is 0.7, compressed to 0.4



PCB LAYOUT FOR REFERENCE ONLY  
TOLERANCE ±0.05



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

1. Current rated: 5A on vbus/1.25A on vconn/0.25A on other
2. Voltage rating: 24V AC
3. Withstanding voltage: 100V AC/minute
4. Contact resistance: 40mΩ Max
5. Insulation resistance: 100MΩ Min
6. Operating temperature: -40°C ~ +85°C
7. Mating force: 5N~20N
8. Unmating force: 8N~20N
9. Durability cycle: 10,000 cycles
10. Waterproof grade: IP-X5

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
				CC1	Dp1	Dn1					
				Second	Second	Second		First			First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND				VBUS				CC2			
First				First				Second			

1	SHELL	ZN-ALLOY	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	WATERPROOF RING	SILICA GEL	RED OR BLUE
NO.	PARTS	MATERIAL	REMARKS

SCALE: 1:1 UNIT: mm  
SIZE: A4

Title: Horizontal Type-c 8P Female  
SMT CH=1.65 L=6.4mm

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

Molde Code: GT-USB-7101A			
DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2022.12.08



REV: A0 SHEET: 1/1