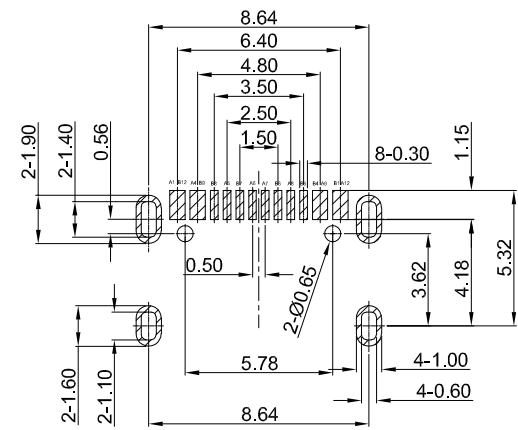
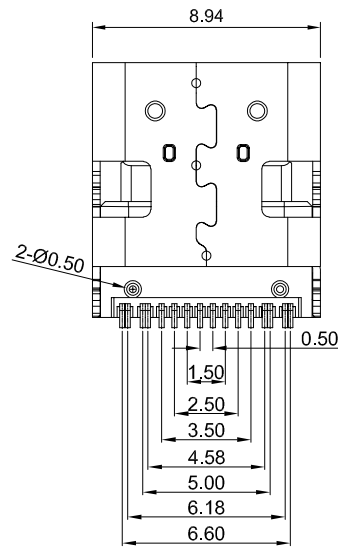
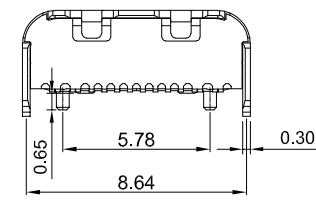
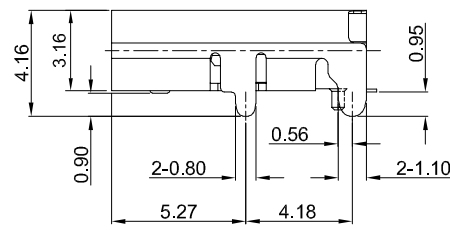
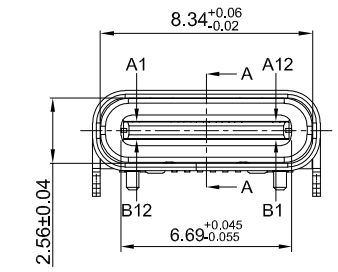
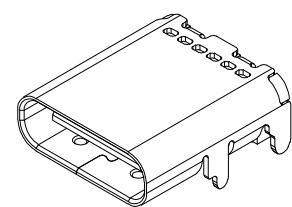
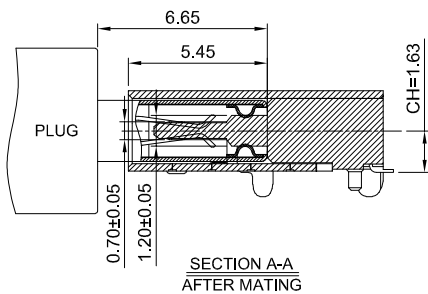
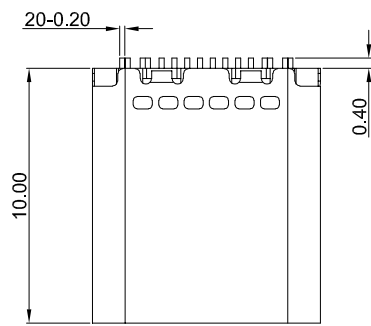




PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

G-Switch USB-C Specification:

- Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- Voltage rating: 20V AC/DC
- Withstanding voltage: 100V AC/minute
- Contact resistance: 40mΩ Max
- Insulation resistance: 100MΩ Min
- Operating temperature: -40°C ~ +85°C
- Mating force: 5N~20N
- Unmating force: 8N~20N
- Durability cycle: 10,000 cycles

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

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	SUS304	Ni PLATED
2	MID PLATE	SUS304	CLEANOUT
3	HOUSING	LCP	UL 94V-0
4	TERMINALS	C7025	Au1u" PLATING ON CONTACT AREA



SCALE: 1:1	UNIT: mm	Title: Horizontal Type-C 16P Female SMT CH=1.63 L=10.0mm			
SIZE: A4		Molde Code: GT-USB-7004B02			
Unless otherwise General Tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X.xxx ±0.10 X" ±2"		DRAWN	CHECKED	APPROVED	DATE
		Xia	Xia	Chen	2025,05,28



REV: A1	SHEET: 1/1
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