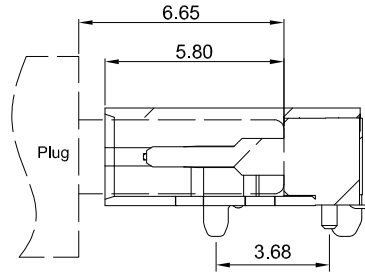
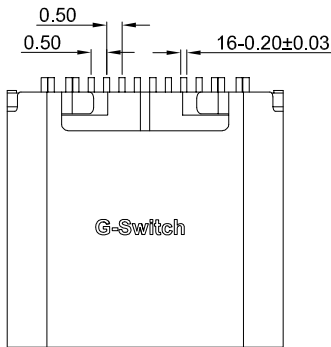
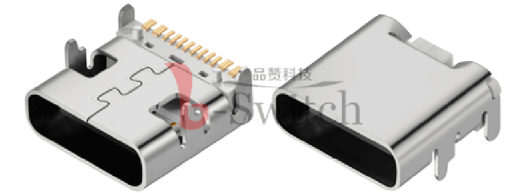


A

A

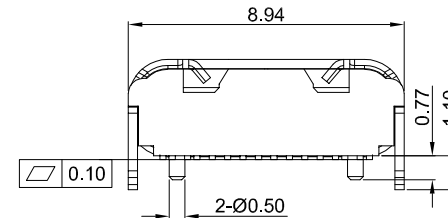
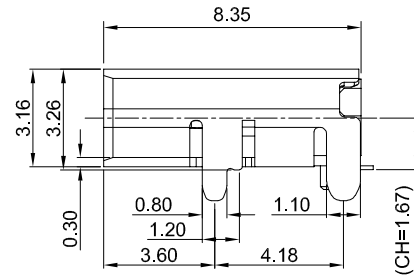
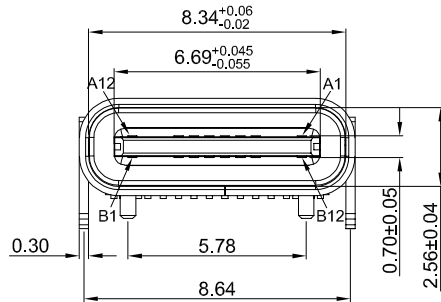


AFTER MATING



B

B

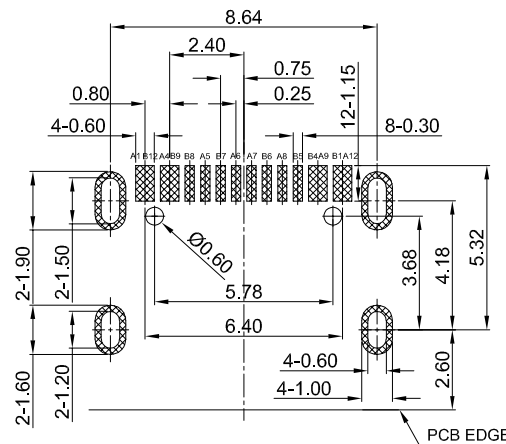
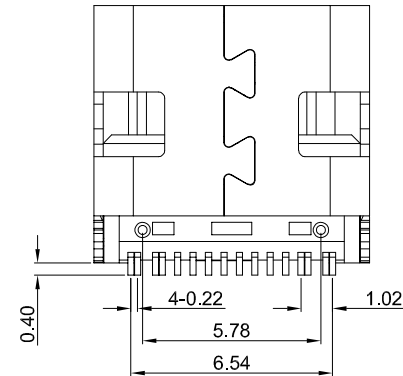


G-Switch USB-C Specification:

- 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

C

C



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

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

D

D

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL	Ni PLATED
2	MID PLATE	STAINLESS STEEL	Ni PLATED
3	HOUSING	HIGH TEMPERATURE PLASTIC	WHITE UL 94V-0
4	TERMINALS	COPPER ALLOY	Au1u PLATING ON CONTACT AREA G/F PLATING ON SOLDER AREA



SCALE:	UNIT: mm	Title: Horizontal Type-c 16P Female SMT CH=1.67 L=8.35mm White plastic			
SIZE: A4		Molde Code: GT-USB-7004			
Unless otherwise General Tolerance: X. ±0.40 X.x ±0.30 X.xx ±0.20 X.xxx ±0.10 X° ±5°		DRAWN	CHECKED	APPROVED	DATE
		Wu	Xia	Chen	2024.11.14



REV: A1 SHEET: 1/1

E

E