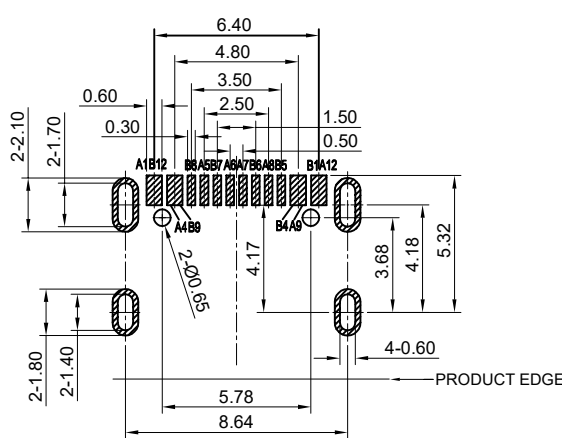
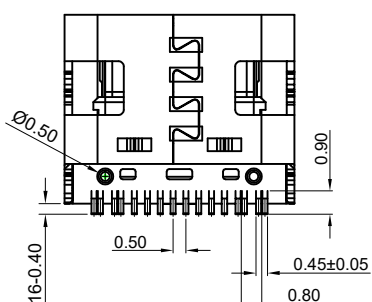
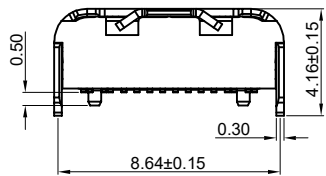
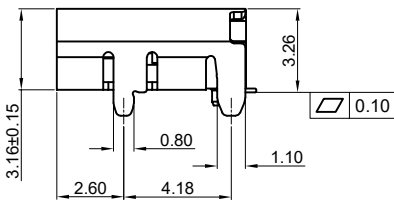
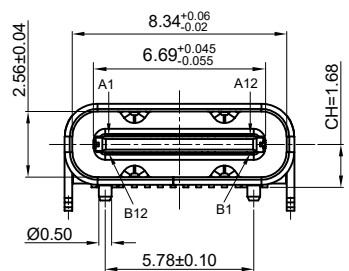
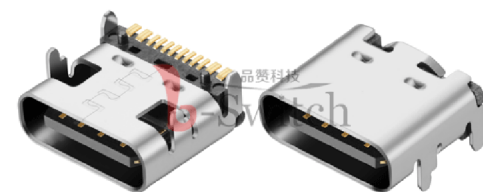
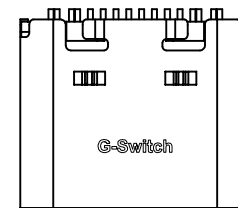
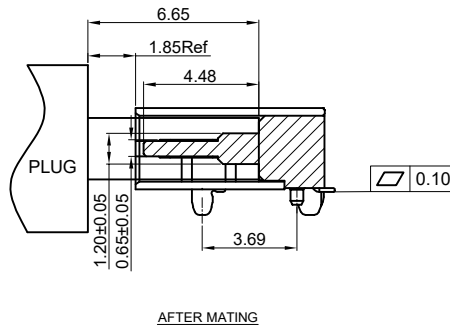
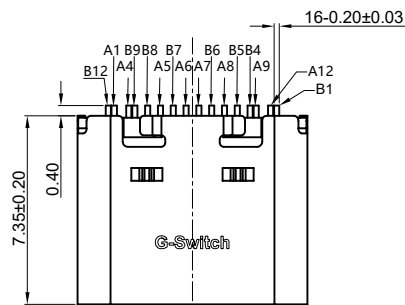




Recommended P.C.B. Layout
Thickness 0.80MM; Default Tolerance: ±0.05

G-Switch USB-C Specification:

- Current rated 5A on Vbus
1.25A on Vconn/0.25A on other
Voltage rating: 24V AC
- 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 Cycle

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	STAINLESS STEEL	NI PLATED
2	MIDDLE PLATE	STAINLESS STEEL	--
3	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA



SCALE: 4:1	UNIT: mm	Title: Horizontal Type-c 16P Female SMT CH=1.68 L=7.35mm Black Plastic			
SIZE: A4		Molde Code: GT-USB-7010AN			
Unless otherwise General Tolerance: X. ±0.20 X.x ±0.15 X.xx ±0.10 X.xxx ±0.05 Angles ±3°		DRAWN	CHECKED	APPROVED	DATE
		Xia	Chen	Chen	2023.02.04



REV: A0 SHEET: 1/1