

A

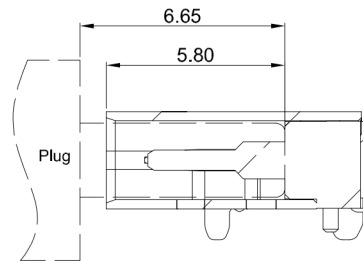
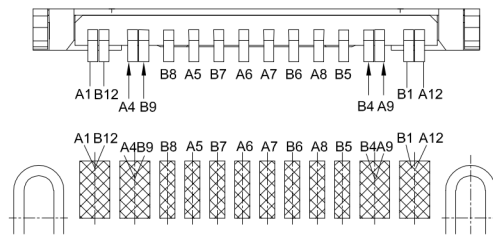
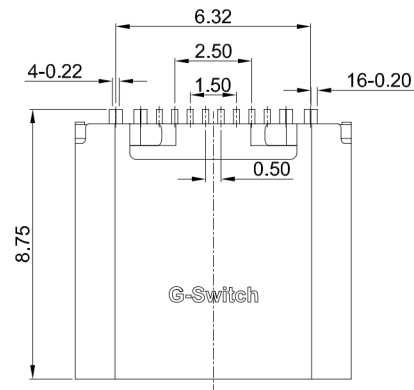
B

C

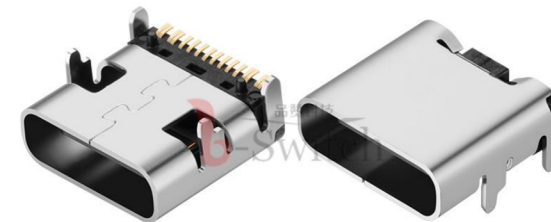
D

E

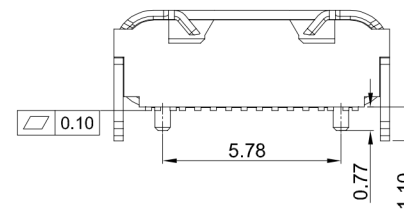
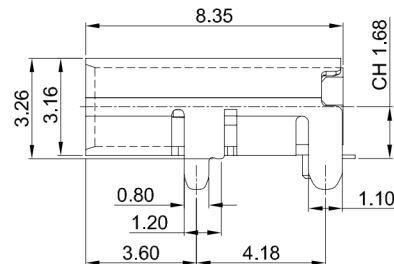
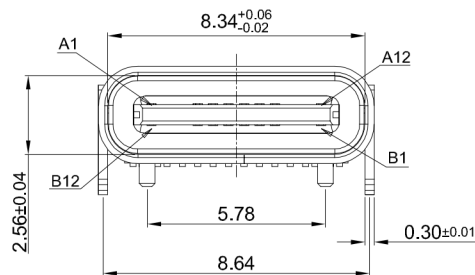
1



AFTER MATING

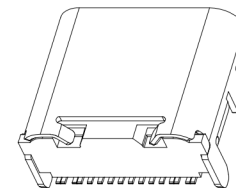
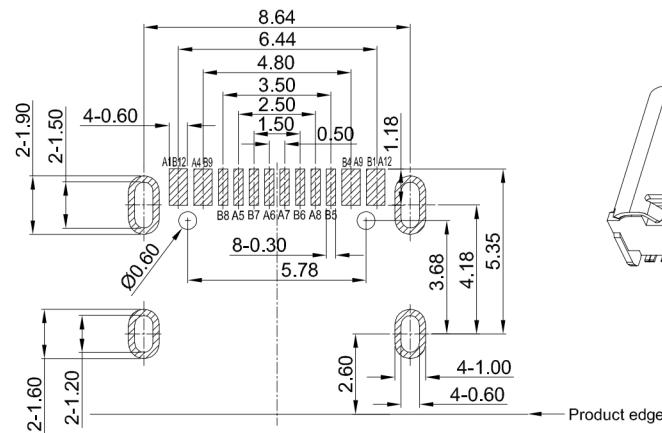
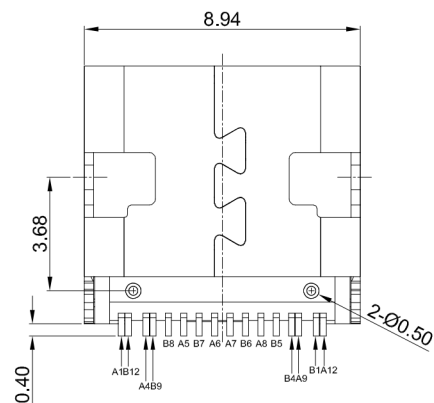


2

**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

3



Product edge

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05SCALE: 1:1 UNIT: mm
SIZE: A4Title: Horizontal Type-c 16P Female
SMT CH=1.68 L=8.35mm Back plasticUnless otherwise
General Tolerance:
X. ±0.25
X.x ±0.20
X.xx ±0.15
X.xxx ±0.10
X* ±5°

Molde Code: GT-USB-7004N

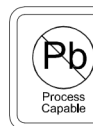
DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

品赞科技®
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1

5

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

**RoHS**
Compliant
EU RoHS Standards

A

B

C

D

E

5