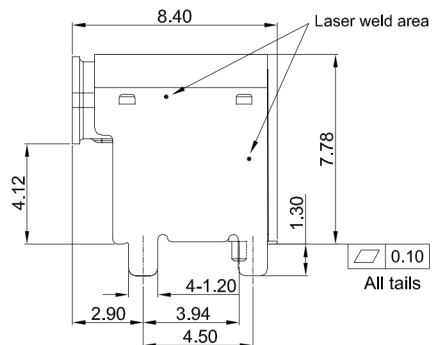
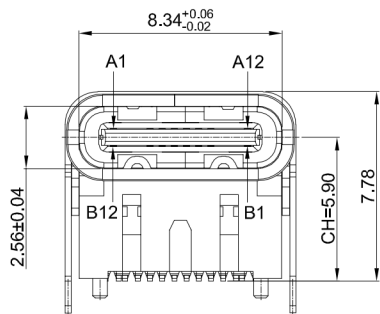
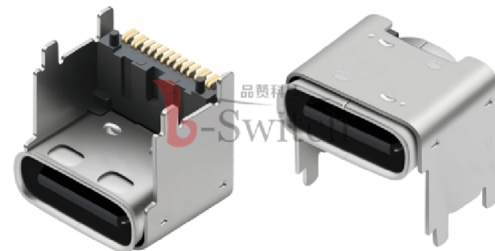
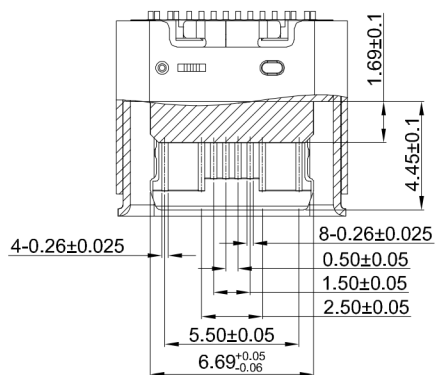
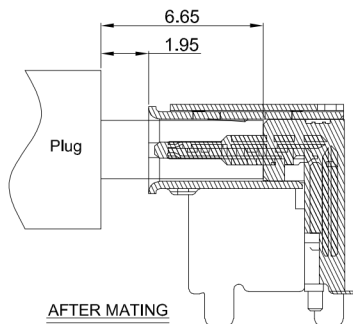
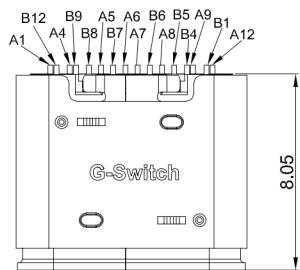
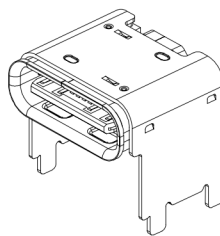
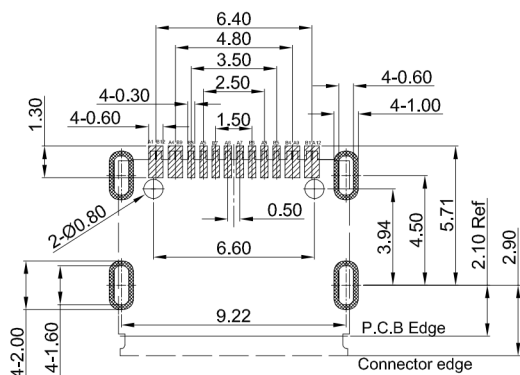
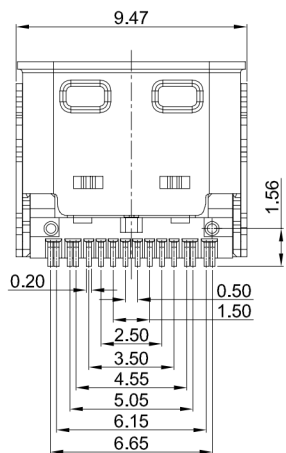
**G-Switch USB-C Specification:**

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 2.Withstanding voltage: 24V AC
- 3.Contact resistance: 40mΩ Max
- 4.Insulation resistance: 100MΩ Min
- 5.Operating temperature: -25°C ~ +85°C
- 6.Mating force: 5N~20N
- 7.Unmating force: 8N~20N
- 8.Durability cycle: 10,000 cycles
- 9.Compliant with: IEC62680-1-3

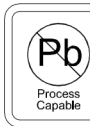


USB IF
TID:12232

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBUS1	VBUS			GND
First			First	Second	Second	Second	Second	First			First

B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBUS2	D-	D+	CC2	VBUS			GND
First			First	Second	Second	Second	Second	First			First

NO.	PARTS	MATERIAL	REMARKS
1	COVER SHELL	STAINLESS STEEL(SUS304)	Ni30u"Min PLATED
2	SHELL	STAINLESS STEEL(SUS304)	Ni30u"Min PLATED
3	MID PLATE	STAINLESS STEEL(SUS301)	CLEAN
4	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
5	TERMINALS	COPPER ALLOY(C18150)	Au1u" PLATING ON CONTACT AREA



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
X.x° ±10°
X.xx° ±8°
X.xxx° ±5°

Title: Horizontal Type-c 16P Female
SMT Pad up4.1 CH=5.9 L=8.05mm

Molde Code: GT-USB-9016A02

DRAWN	CHECKED	APPROVED	DATE
Jiang	Xia	Chen	2023.02.01

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1