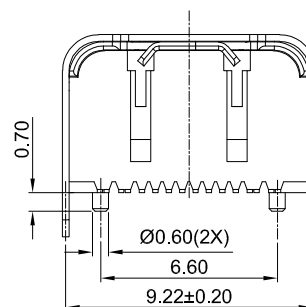
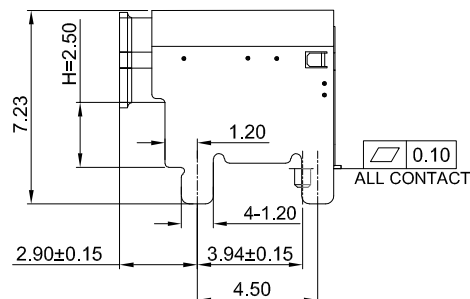
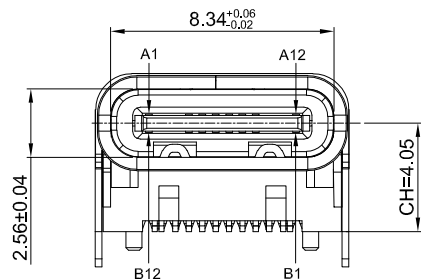
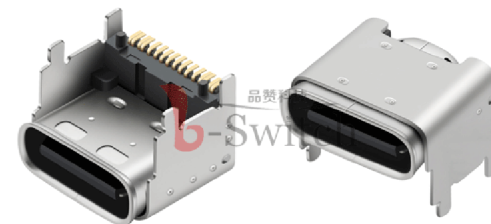
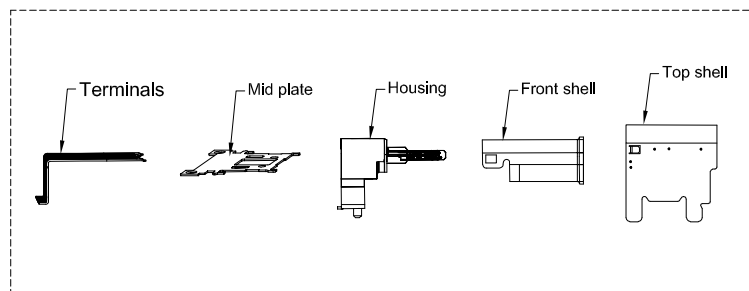
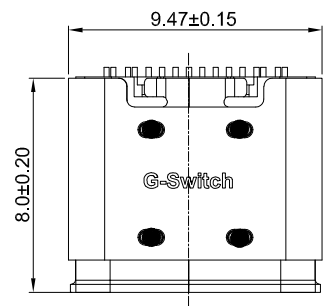
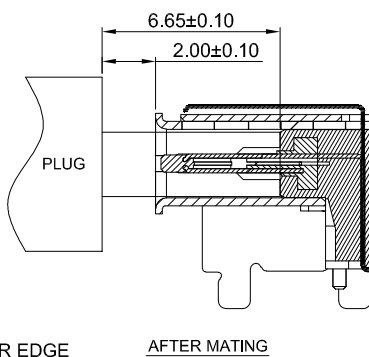
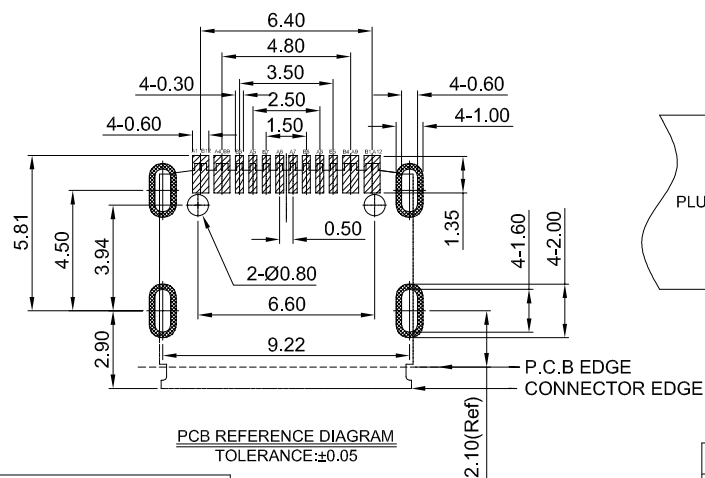
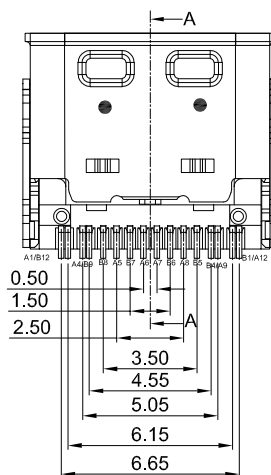




G-Switch USB-C Specification:

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

USB IF TID:11355

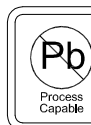


AFTER MATING

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	TOP SHELL	STAINLESS STEEL304	Ni40u" MIN PLATED
2	FRONT SHELL	STAINLESS STEEL304	Ni40u" MIN PLATED
3	MID PLATE	STAINLESS STEEL301	CLEAN
4	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
5	TERMINALS	COPPER ALLOY C7025	Au1u" MIN PLATING ON CONTACT AREA



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X.xx ±0.30
X.xxx ±0.20
X.xxxx ±0.10
X* ±3°

Title: Horizontal Type-C 16P Female
SMT Pad Up2.5 CH=4.05 L=8.0mm

Molde Code: GT-USB-9016B01

DRAWN	CHECKED	APPROVED	DATE
Xla	Chen	Chen	2026.01.26

品赞科技
b-Switch
www.dg-switch.com

REV: A1 SHEET: 1/1