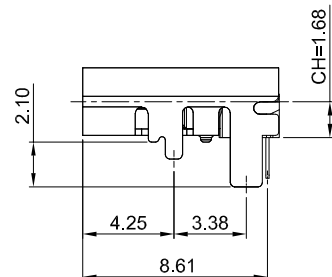
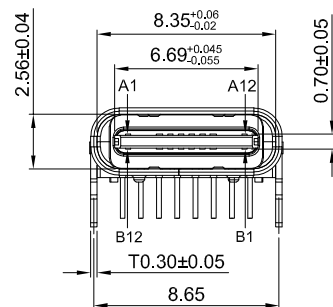
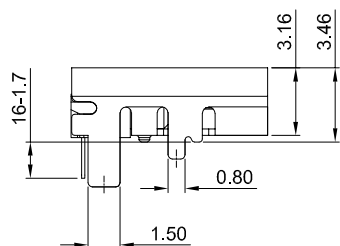
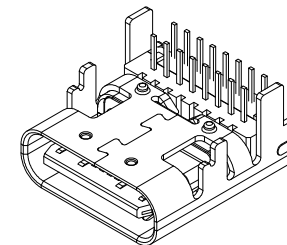
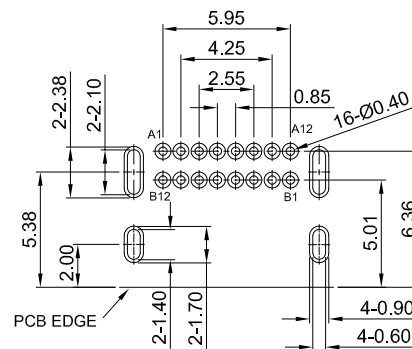
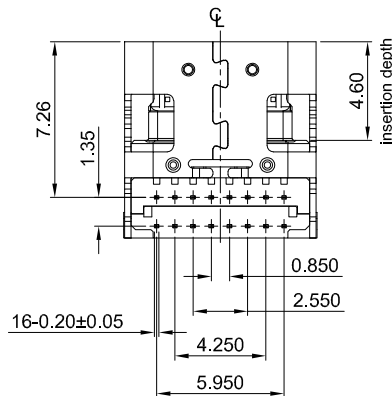
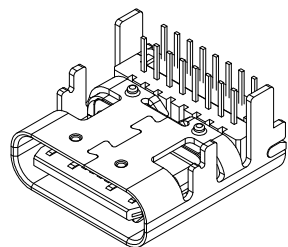


AFTER MATING

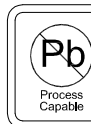
**G-Switch USB-C Specification:**

- 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,after durability test: 6N~20N
- 8.Durability cycle:10,000 cycles
- 9.Compliant with: IEC62680-1-3

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 |

| NO. | PARTS     | MATERIAL                 | REMARKS                           |
|-----|-----------|--------------------------|-----------------------------------|
| 1   | SHELL     | STAINLESS STEEL201       | Ni30u" MIN PLATED                 |
| 2   | EMI PLATE | STAINLESS STEEL201       | Ni30u" MIN PLATED                 |
| 3   | MID PLATE | STAINLESS STEEL201       | —                                 |
| 4   | HOUSING   | HIGH TEMPERATURE PLASTIC | LCP BLACK UL 94 V-0               |
| 5   | TERMINALS | COPPER ALLOY C2680       | Tin30u"MIN PLATING ON SOLDER AREA |

**RoHS**  
Compliant  
EU RoHS StandardsSCALE: 1:1 UNIT: mm  
SIZE: A4Unless otherwise  
General Tolerance:  
X. ±0.40  
X.x ±0.30  
X.xx ±0.20  
X.xxx ±0.10  
X" ±5°Title: Horizontal Type-c 16P Female  
DIP CH=1.68 L=9.17mm

Molde Code: GT-USB-9107B

| DRAWN | CHECKED | APPROVED | DATE       |
|-------|---------|----------|------------|
| Xla   | Chen    | Chen     | 2024.03.10 |

**品赞科技**  
**b-Switch**  
www.dg-switch.com

REV: A0 SHEET: 1/1