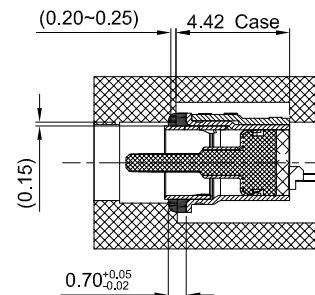
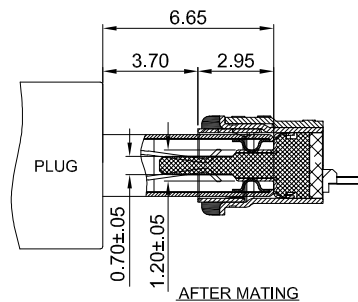
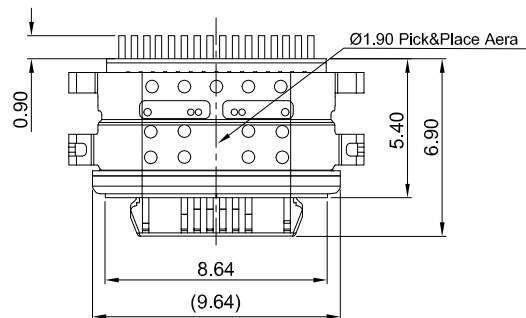


A

A

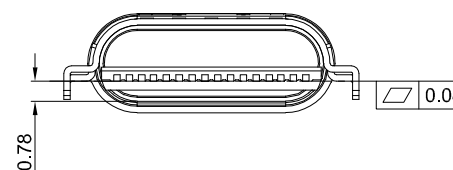
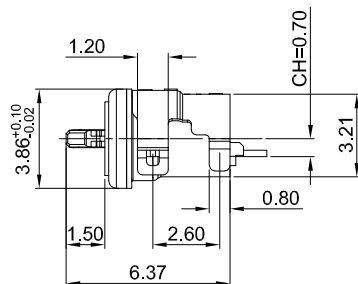
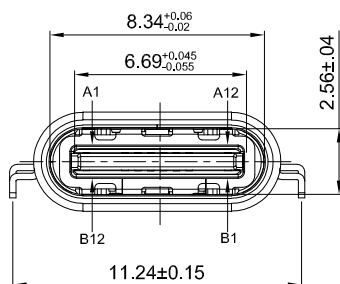


REFERENCE ASSEMBLY



B

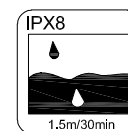
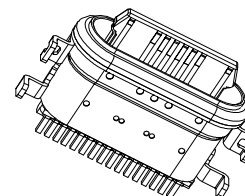
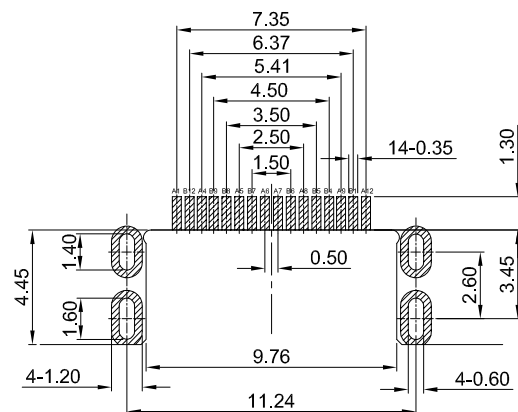
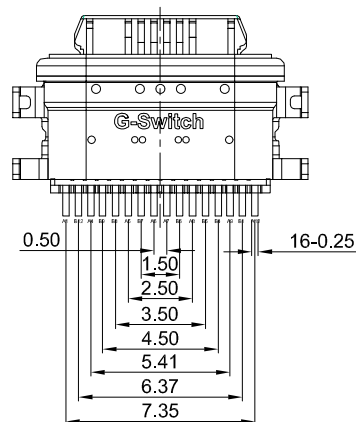
B

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

- Current rated: 8A 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, after durability test: 6N~20N
- Durability cycle: 10,000 cycles
- Waterproof grade: IP-X8

C

C

PCB REFERENCE DIAGRAM  
TOLERANCE:±0.05

|     |             |                 |                                                           |
|-----|-------------|-----------------|-----------------------------------------------------------|
| 1   | COVER SHELL | STAINLESS STEEL | Ni PLATED                                                 |
| 2   | SHELL       | STAINLESS STEEL | Ni PLATED                                                 |
| 3   | EMC PLATE   | STAINLESS STEEL | —                                                         |
| 4   | MID PLATE   | STAINLESS STEEL | Ni PLATED                                                 |
| 5   | HOUSING     | PA9T            | BLACK UL 94V-0                                            |
| 6   | TERMINALS   | COPPER ALLOY    | Au5u" PLATED ON CONTACT AREA<br>G/F PLATED ON SOLDER AREA |
| 7   | RUBBER      | --              | RED                                                       |
| 8   | SEALING     | SILICON DIOXIDE | BLACK                                                     |
| NO. | PARTS       | MATERIAL        | REMARKS                                                   |

SCALE: 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  
SMT Mid-Mount 0.78 CH=0.7 L=5.4mm

Molde Code: GT-USB-7202A-05

|       |         |          |            |
|-------|---------|----------|------------|
| DRAWN | CHECKED | APPROVED | DATE       |
| Xla   | Chen    | Chen     | 2025.02.08 |

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

REV: A0 SHEET: 1/1

D

D

E

E

1

2

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5