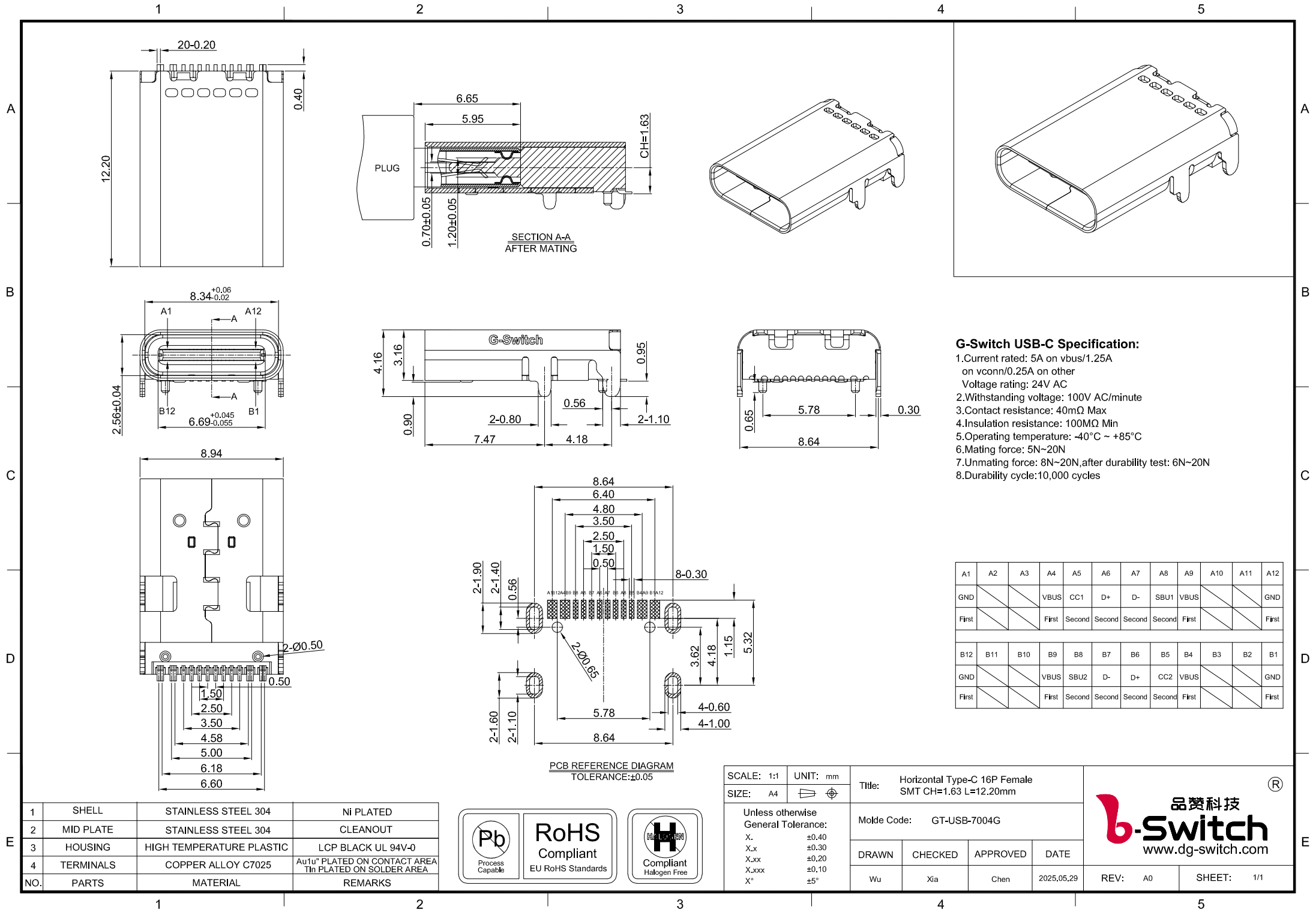




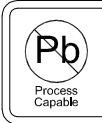
**G-Switch USB-C Specification:**

- 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: -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

| 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 STEEL 304      | NI PLATED                                                 |
| 2   | MID PLATE | STAINLESS STEEL 304      | CLEANOUT                                                  |
| 3   | HOUSING   | HIGH TEMPERATURE PLASTIC | LCP BLACK UL 94V-0                                        |
| 4   | TERMINALS | COPPER ALLOY C7025       | Au1u" PLATED ON CONTACT AREA<br>Tin PLATED ON SOLDER AREA |



SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless 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 CH=1.63 L=12.20mm

Molde Code: GT-USB-7004G

| DRAWN | CHECKED | APPROVED | DATE       |
|-------|---------|----------|------------|
| Wu    | Xia     | Chen     | 2025,05,29 |

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

REV: A0 SHEET: 1/1