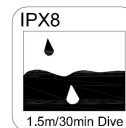
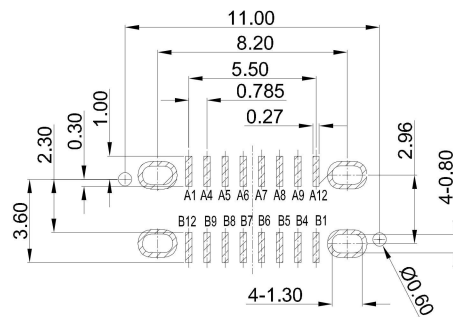
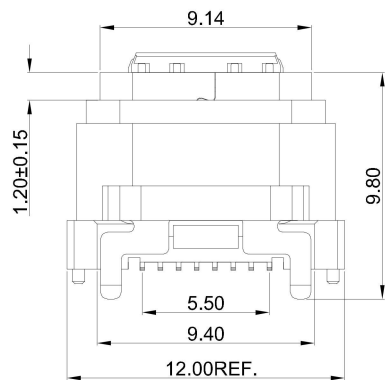


- G-Switch USB-C Specification:**
- Current rated: 5A on Vbus/1.25A on Vconn/0.25A on other
  - Voltage rating: 24V AC
  - Withstanding voltage: 100V AC/minute
  - Contact Resistance: 40mΩ Max
  - Insulation Resistance: 100MΩ Min
  - Operating temperature: -40 °C ~ +85 °C
  - Mating force: 5N~20N
  - Unmating force: 8N~20N
  - Durability Cycle: 10,000 Cycles
  - Waterproof Grade: IP-X8.



|       |     |     |       |        |        |        |        |       |     |     |       |
|-------|-----|-----|-------|--------|--------|--------|--------|-------|-----|-----|-------|
| 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 |

|     |              |                          |                            |
|-----|--------------|--------------------------|----------------------------|
| 1   | SHELL        | STAINLESS STEEL          | NI PLATED                  |
| 2   | MIDDLE PLATE | STAINLESS STEEL          | --                         |
| 3   | HOUSING      | HIGH TEMPERATURE PLASTIC | BLACK UL 94 V-0            |
| 4   | TERMINALS    | COPPER ALLOY             | Au PLATING ON CONTACT AREA |
| 5   | CAP          | HIGH TEMPERATURE PLASTIC | BLACK UL 94 V-0            |
| NO. | PARTS        | MATERIAL                 | REMARKS                    |



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° ±3°  
X.xx° ±2°

|  |         |          |            |
|--|---------|----------|------------|
| Title: Vertical Type-c 16P Female<br>SMT H=8.5mm |         |          |            |
| Molde Code: GT-USB-7096C                         |         |          |            |
| DRAWN  | CHECKED | APPROVED | DATE       |
| Xia  | Chen    | Chen     | 2023.02.01 |



REV: A0 SHEET: 1/3