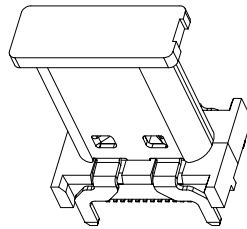
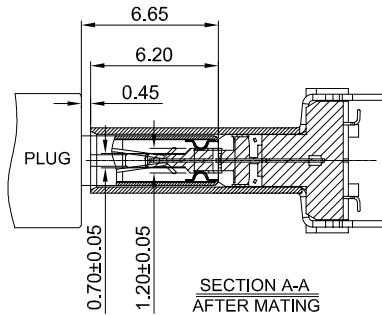
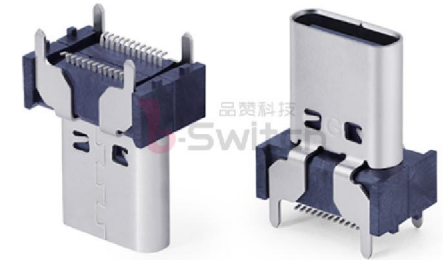


WITHOUT CAP

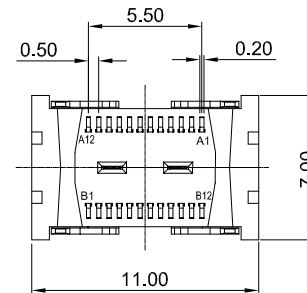


WITH CAP

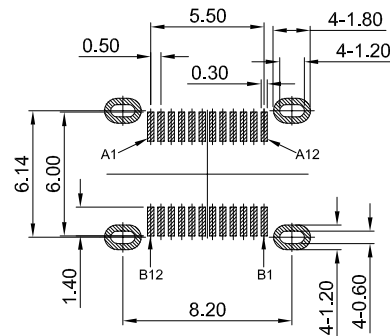
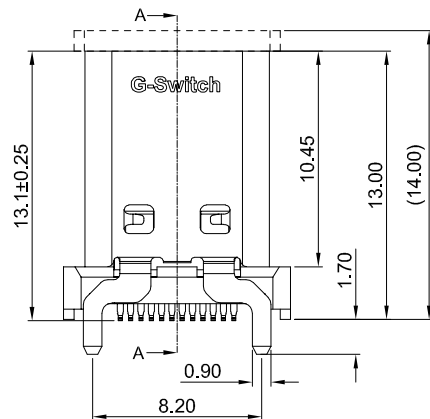
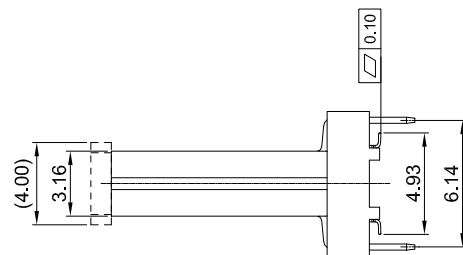
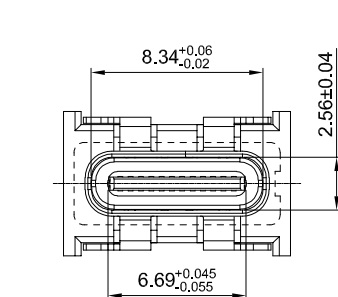
SECTION A-A  
AFTER MATING**G-Switch USB-C Specification:**

- 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.Data transmission rate up to 10Gbps
- 10.Compliant with: IEC62680-1-3

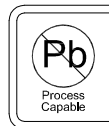
USB IF TID:15938



| CONTACT AREA | MOLDE CODE        |
|--------------|-------------------|
| Au1u"        | GT-USB-9028C01-01 |
| Au30u"       | GT-USB-9028C01-30 |

PCB REFERENCE DIAGRAM  
TOLERANCE:±0.05

|     |           |                          |                                                        |
|-----|-----------|--------------------------|--------------------------------------------------------|
| 1   | SHELL     | STAINLESS STEEL          | Ni30u"MIN PLATED                                       |
| 2   | MID PLATE | STAINLESS STEEL          | --                                                     |
| 3   | HOUSING   | HIGH TEMPERATURE PLASTIC | BLACK UL 94V-0                                         |
| 4   | TERMINALS | COPPER ALLOY             | Au PLATED ON CONTACT AREA<br>Tin PLATED ON SOLDER AREA |
| 5   | GND PLATE | STAINLESS STEEL          | --                                                     |
| 6   | CAP       | HIGH TEMPERATURE PLASTIC | BLACK UL 94V-0                                         |
| NO. | PARTS     | MATERIAL                 | REMARKS                                                |



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: Vertical Type-C 24P Female  
SMT H=13.00mm

Molde Code: GT-USB-9028C01-XX

| DRAWN | CHECKED | APPROVED | DATE       |
|-------|---------|----------|------------|
| Wu    | Xia     | Chen     | 2025.02.03 |



REV: A0 SHEET: 1/1