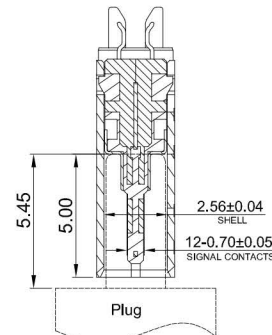


SECTION B-B

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

1. Current rated: 5A on vbus/1.25A on vconn/0.25A on other
2. Voltage rating: 24V AC
3. Withstanding voltage: 100V AC/minute
4. Contact resistance: 40mΩ Max
5. Insulation resistance: 100MΩ Min
6. Operating temperature: -40°C ~ +85°C
7. Mating force: 5N~20N
8. Unmating force: 8N~20N
9. Durability cycle: 10,000 cycles
10. Data transmission rate up to 40Gbps
10. Compliant with: IEC62680-1-3

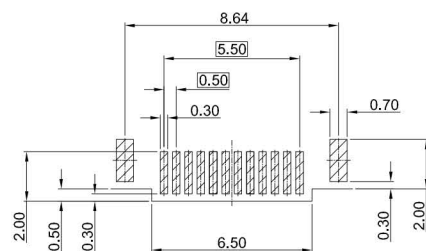
USB IF TID:12315

| A1    | A2     | A3     | A4    | A5     | A6     | A7     | A8     | A9    | A10    | A11    | A12   |
|-------|--------|--------|-------|--------|--------|--------|--------|-------|--------|--------|-------|
| GND   | TX1+   | TX1-   | VBUS  | CC1    | D+     | D-     | SBU1   | VBUS  | RX2-   | RX2+   | GND   |
| First | Second | Second | First | Second | Second | Second | Second | First | Second | Second | First |

| B12   | B11    | B10    | B9    | B8     | B7     | B6     | B5     | B4    | B3     | B2     | B1    |
|-------|--------|--------|-------|--------|--------|--------|--------|-------|--------|--------|-------|
| GND   | RX1+   | RX1-   | VBUS  | SBU2   | D-     | D+     | CC2    | VBUS  | TX2-   | TX2+   | GND   |
| First | Second | Second | First | Second | Second | Second | Second | First | Second | Second | First |

| Mold Code         | Specification Description      |
|-------------------|--------------------------------|
| GT-USB-9011B01-01 | Au1u" Plating On Contact Area  |
| GT-USB-9011B01-02 | Au3u" Plating On Contact Area  |
| GT-USB-9011B01-03 | Au15u" Plating On Contact Area |
| GT-USB-9011B01-04 | Au30u" Plating On Contact Area |

RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

| NO. | PARTS     | MATERIAL                 | REMARKS                          |
|-----|-----------|--------------------------|----------------------------------|
| 1   | SHELL     | STAINLESS STEEL          | Ni30u"MIN PLATED                 |
| 2   | GND PLATE | STAINLESS STEEL          | --                               |
| 3   | MID PLATE | STAINLESS STEEL          | Ni30u"MIN PLATED                 |
| 4   | HOUSING   | HIGH TEMPERATURE PLASTIC | LCP BLACK UL 94 V-0              |
| 5   | TERMINALS | PHOSPHOR BRONZE          | Au1u"MIN PLATING ON CONTACT AREA |

RoHS  
Compliant  
EU RoHS StandardsSCALE: 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: Splint0.25 Type-c 24P Female  
SMT L=9.3mm

Mold Code: GT-USB-9011B01-01

| DRAWN | CHECKED | APPROVED | DATE       |
|-------|---------|----------|------------|
| Xia   | Chen    | Chen     | 2023.02.01 |

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REV: A0 SHEET: 1/1