

1

2

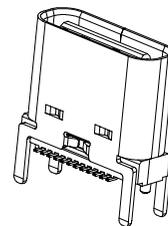
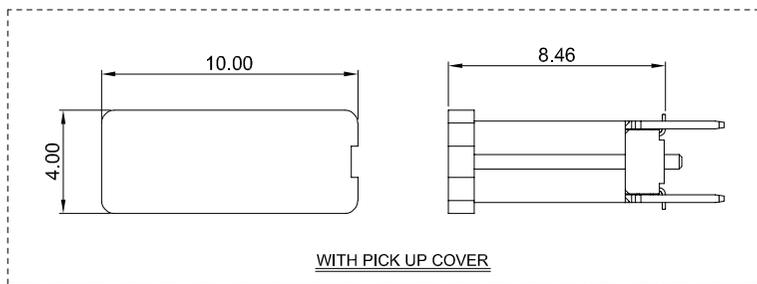
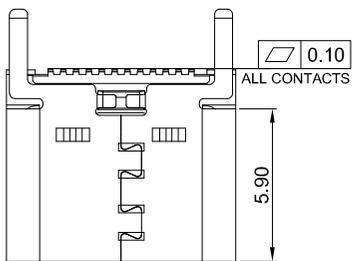
3

4

5

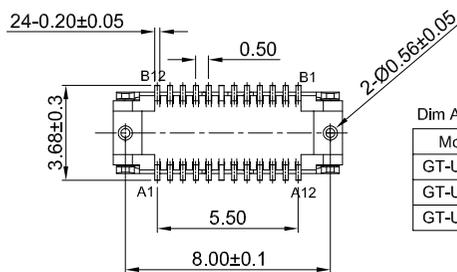
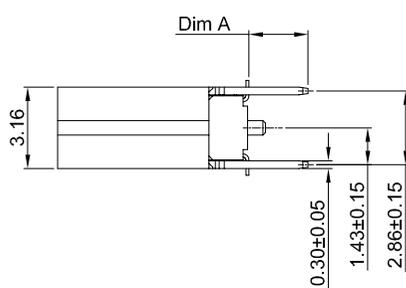
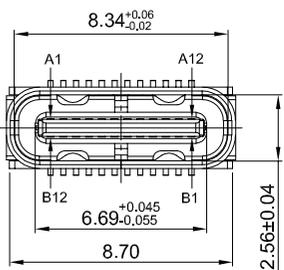
A

A



B

B



Dim A Specification :

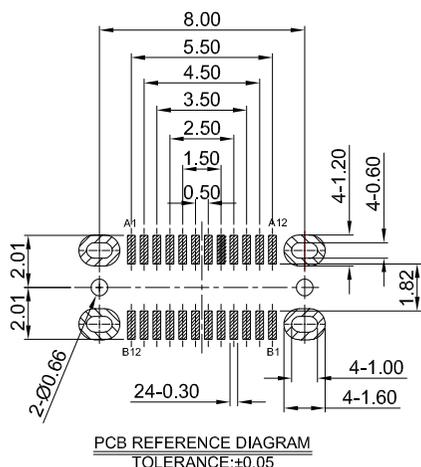
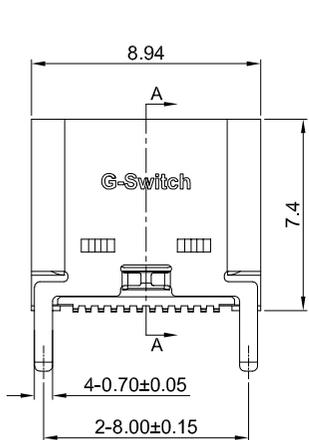
Molde Code	Dim A
GT-USB-7118B01	0.70mm
GT-USB-7118B02	1.70mm
GT-USB-7118B03	2.30mm

### G-Switch USB-C Specification:

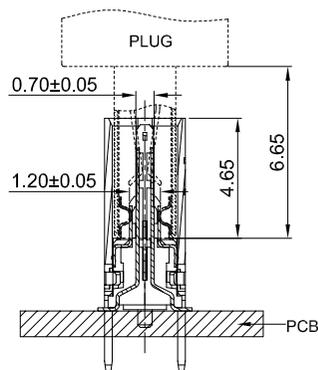
- Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- Voltage rating: 24V AC
- Withstanding voltage: 100V AC/minute
- Contact resistance: 40mΩ Max
- Insulation resistance: 100MΩ Min
- Operating temperature: -40°C ~ +85°C
- Mating force: 5N~20N
- Unmating force: 8N~20N, after durability test: 6N~20N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

C

C



PCB REFERENCE DIAGRAM  
TOLERANCE: ±0.05



SECTION A-A  
AFTER MATING

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

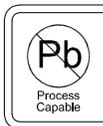
  

B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First

E

E

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL 304	NI PLATED
2	EMI PLATE	STAINLESS STEEL 301	---
3	MID PLATE	STAINLESS STEEL 301	NI PLATED
4	HOUSING	PA9T	BLACK UL 94 V-0
5	TERMINALS	COPPER ALLOY C7025	Au3u <sup>+</sup> PLATING ON CONTACT AREA G/F PLATING 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: Vertical Type-c 24P Female SMT H=7.4mm			
Molde Code: GT-USB-7118BXX			
DRAWN	CHECKED	APPROVED	DATE
Xla	Chen	Chen	2024.03.10



REV: A0 SHEET: 1/1

1

2

3

4

5