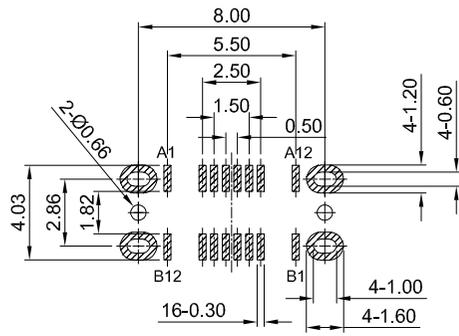
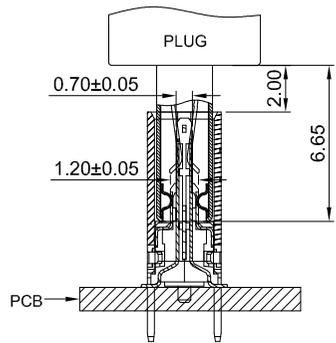
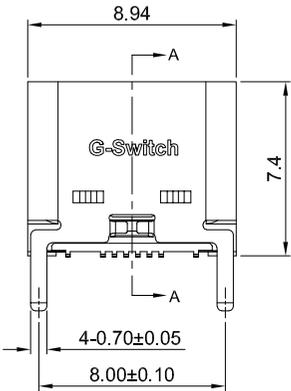


Dim A Specification :

Molde Code	Dim A
GT-USB-7118A01	0.70mm
GT-USB-7118A02	1.70mm
GT-USB-7118A03	2.30mm

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, after durability test: 6N~20N
9. Durability cycle: 10,000 cycles



PCB REFERENCE DIAGRAM
TOLERANCE: ±0.05

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	EMI PLATE	STAINLESS STEEL 301	-
2	SHELL	STAINLESS STEEL 304	Ni PLATED
3	MID PLATE	STAINLESS STEEL 301	Ni PLATED
4	HOUSING	PA9T	BLACK UL 94V-0
5	TERMINALS	COPPER ALLOY C7025	Au3u* PLATED ON CONTACT AREA G/F 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* ±5°
 X.X* ±2°

Title: Vertical Type-C 16P Female DIP H=7.4mm			
Molde Code: GT-USB-7118A			
DRAWN	CHECKED	APPROVED	DATE
Wu	Xla	Chen	2024.12.22



REV: A0 SHEET: 1/1