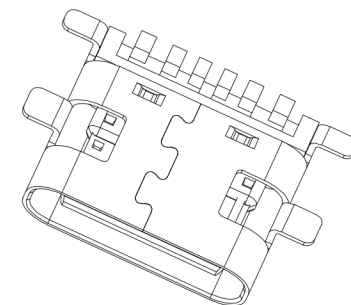
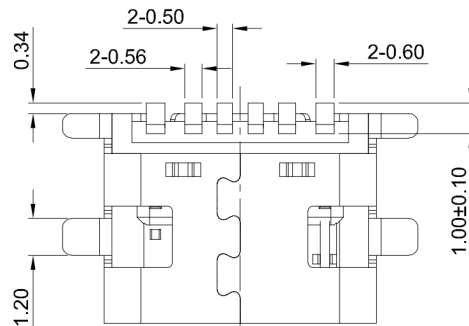
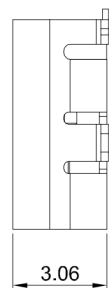
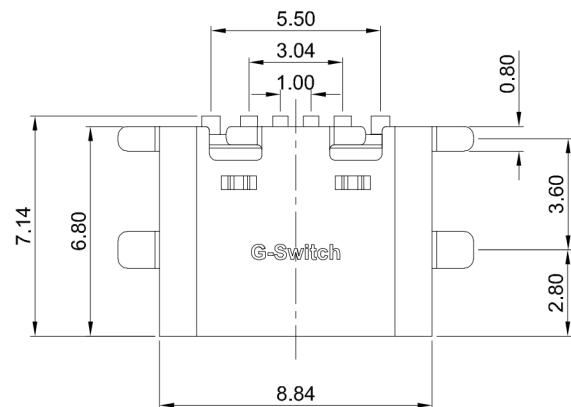
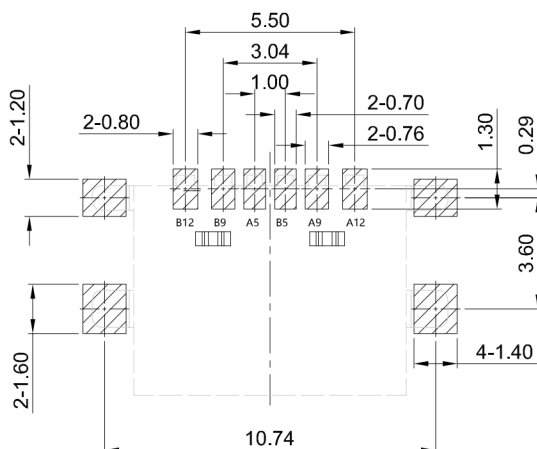
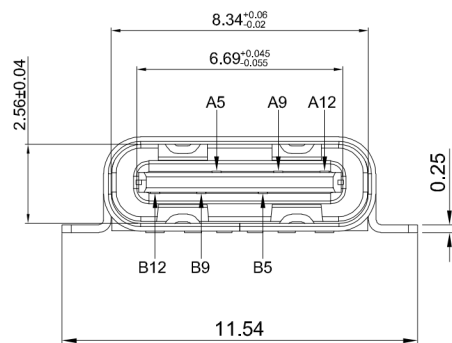


SECTION A-A



G-Switch USB-C Specification:

1. Current rated: 3A 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: 5000 cycles



RECOMMENDED P.C.B. LAYOUT
TOLERANCE ±0.05mm

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
				CC1				VBUS			GND
				Second				First			First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
				VBUS				CC2			
				First				Second			

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL201	Ni40u" MIN PLATED
2	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94V-0
3	TERMINALS	COPPER ALLOY C2680	Au0.5u" 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: Horizontal Type-c 6P Female
SMT CH=1.63 L=6.8mm

Molde Code: GT-USB-7002D01

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.31



REV: A0 SHEET: 1/1