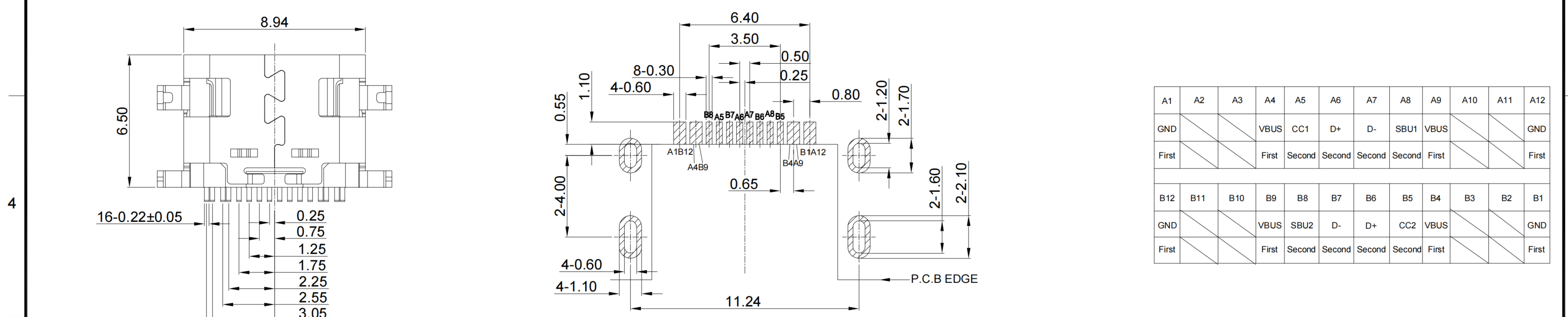


- G-Switch USB-C Specification:**
- Current rated: 5A on vbus/1.25A on vconn/0.25A on other
Voltage rating: 24V AC
 - Withstanding voltage: 100V AC/minute
 - Contact resistance: 40mΩ Max
 - Insulation resistance: 100MΩ Min
 - Operating temperature: -40°C ~ +85°C
 - Mating force: 5N~20N
 - Unmating force: 8N~20N
 - Durability cycle: 10,000 cycles



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	SHELL	STAINLESS STEEL	Ni PLATED
2	MID PLATE	STAINLESS STEEL	Ni PLATED
3	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

RoHS
Compliant
EU RoHS Standards

SCALE: 1:1	UNIT: mm	Title: Horizontal Type-c 16P Female Sink0.8 SMT CH=0.78 L=6.5mm			
SIZE: A4		Molde Code: GT-USB-7014A01			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
X.	±0.45	Xia	Chen	Chen	2023.02.01
X.x	±0.35				
X.xx	±0.25				
X.xxx	±0.15				
X°	±5°				
		REV: A0	SHEET: 1/1		

