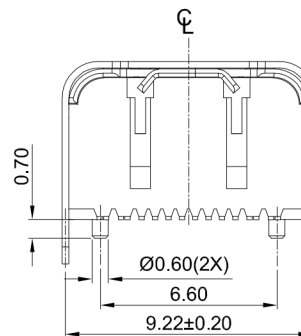
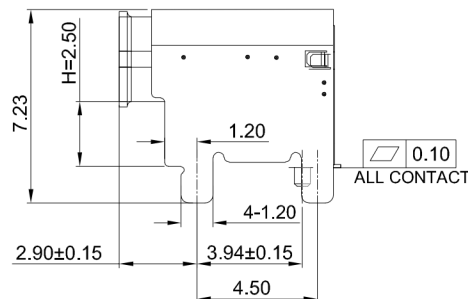
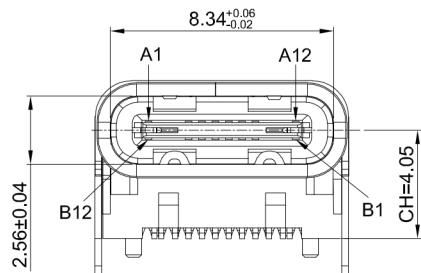
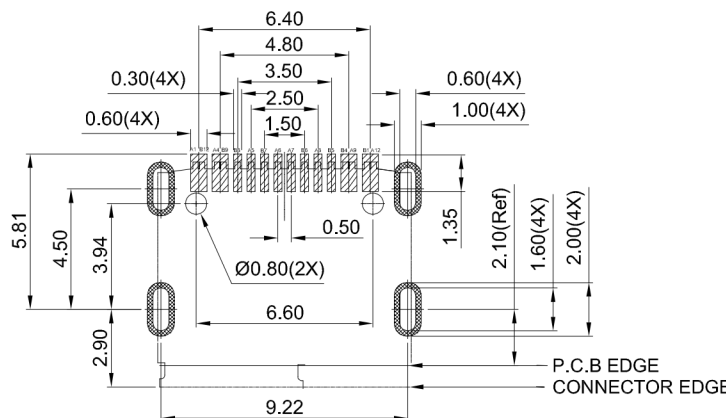
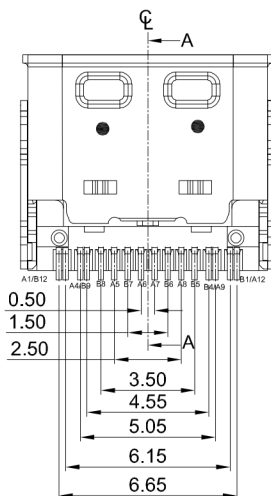


AFTER MATING



**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
9. Compliant with: IEC62680-1-3



USB IF  
TID:11355

RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05

1	TOP SHELL	STAINLESS STEEL304	Ni40u" MIN PLATED
2	FRONT SHELL	STAINLESS STEEL304	Ni40u" MIN PLATED
3	MID PLATE	STAINLESS STEEL301	CLEAN
4	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
5	TERMINALS	COPPER ALLOY C7025	Au1u" MIN PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1 UNIT: mm  
SIZE: A4

Unless otherwise  
General Tolerance:  
X.x ±0.30  
X.xx ±0.20  
X.xxx ±0.10  
X\* ±3°

Title: Horizontal Type-c 16P Female  
SMT Pad Up2.5 CH=4.05 L=8.0mm

Molde Code: GT-USB-9016B01

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01



REV: A0 SHEET: 1/1