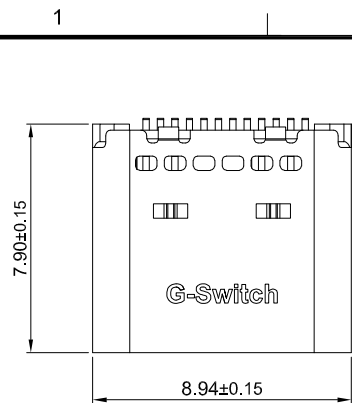
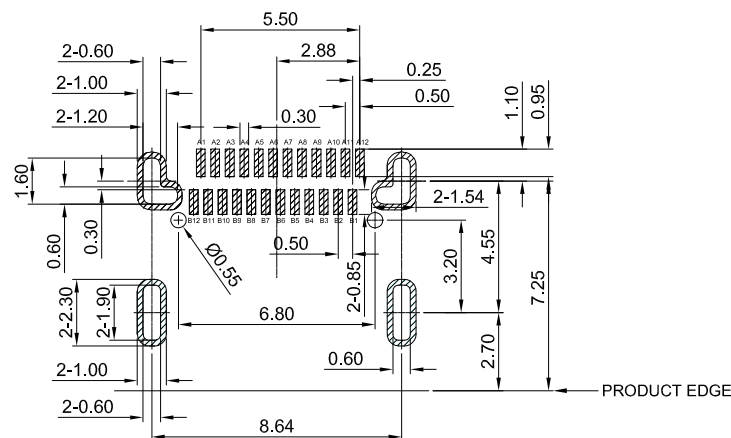
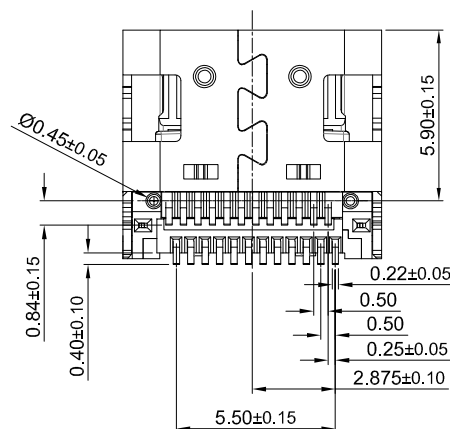
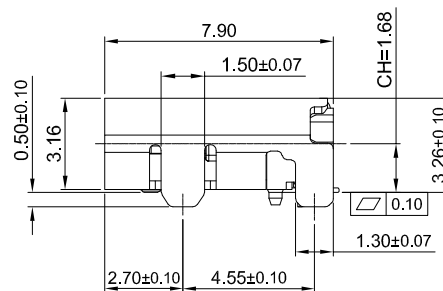
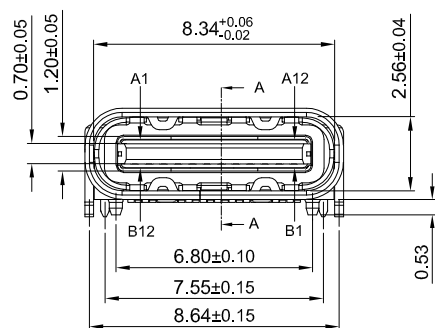


SECTION A-A



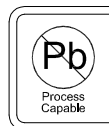
PCB REFERENCE DIAGRAM
TOLERANCE:±0.05

G-Switch USB-C Specification:

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 2.Withstanding voltage: 100V AC/minute
- 3.Contact resistance: 40mΩ Max
- 4.Insulation resistance: 100MΩ Min
- 5.Operating temperature: -40°C ~ +85°C
- 6.Mating force : 5N~20N
- 7.Unmating force: 8N~20N
- 8.Durability cycle:10,000 cycles

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

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL 304	Ni PLATED
2	MID PLATE	STAINLESS STEEL 301	Ni PLATED
3	HOUSING	LCP+30%GF	BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY C7025	Au1u" PLATED ON CONTACT AREA G/F PLATED ON SOLDER AREA
5	EMI	STAINLESS STEEL 301	--



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 24P Female
SMT CH=1.68 L=7.9mm Pin0.5mm

Molde Code: GT-USB-7013A03

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2025.01.07



REV: A0 SHEET: 1/1