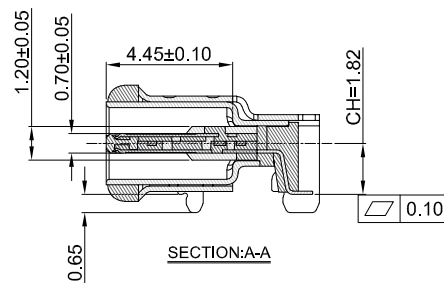
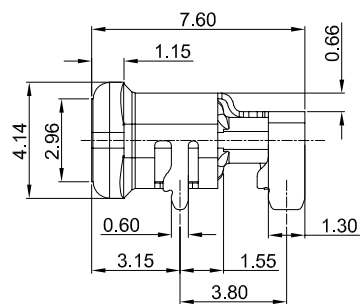
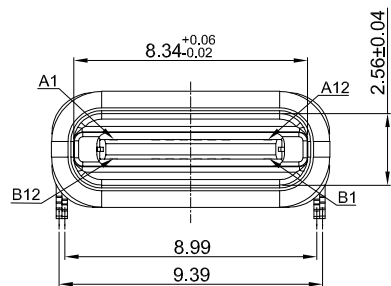
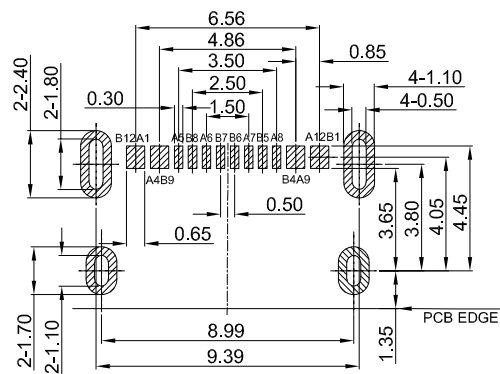
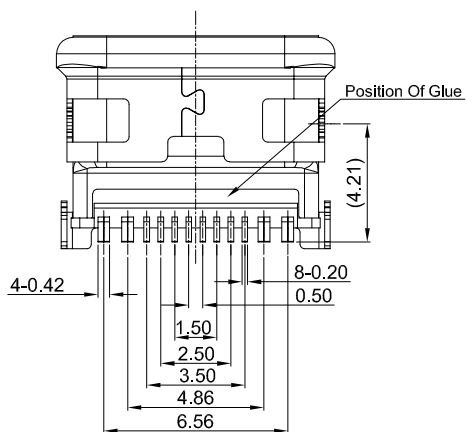


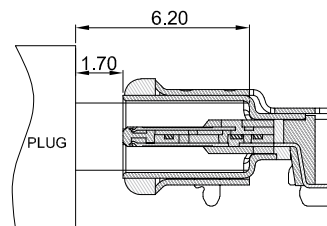
SECTION:B-B



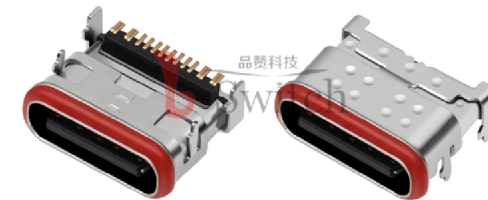
SECTION:A-A



PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



AFTER MATING



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
- Waterproof grade: IP-X7

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 STEEL304	NI PLATED
2	SHELL	STAINLESS STEEL304	NI PLATED
3	MID PLATE	STAINLESS STEEL301	-
4	HOUSING	PA9T	BLACK UL 94 V-0
5	TERMINALS	C7025	Au1u" PLATING ON CONTACT AREA G/F PLATING ON SOLDER AREA
6	GLUE	EPOXY	BLACK
7	OUT GASKET	UV GLUE	RED



SCALE: 4:1 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 16P Female
SMT CH=1.82 L=7.6mm

Molde Code: GT-USB-7098A

DRAWN	CHECKED	APPROVED	DATE
Xla	Chen	Chen	2024.12.06



REV: A0 SHEET: 1/1