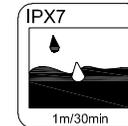
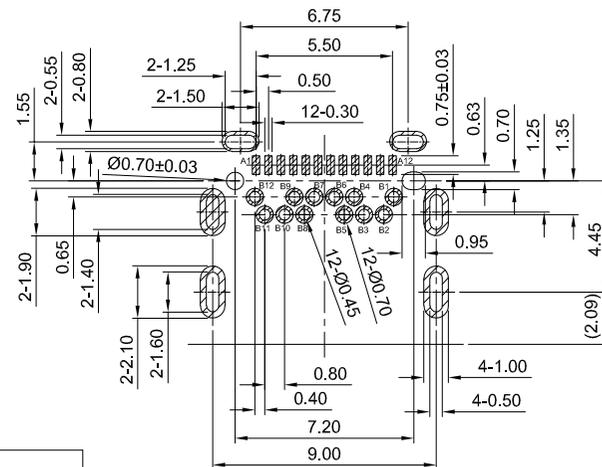
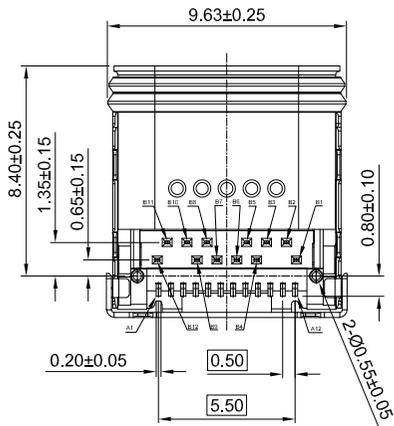


G-Switch USB-C Specification:

- 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, after durability test: 6N~20N
- Durability cycle: 10,000 cycles
- Data transmission rate up to 10Gbps
- Waterproof grade: IP-X7



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

1	INNER SHELL	STAINLESS STEEL 316	--
2	OUTER SHELL	STAINLESS STEEL 304	NI PLATED
3	EMC	STAINLESS STEEL 316	--
4	MID PLATE	STAINLESS STEEL 301	NI PLATED
5	HOUSING	PA9T	BLACK UL 94V-0
6	TERMINALS	COPPER ALLOY C7025	Au1u* PLATED ON CONTACT AREA Tin PLATED ON SOLDER AREA
7	O-RING	RUBBER	BLACK
NO.	PARTS	MATERIAL	REMARKS

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05



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 Pad up 0.77 CH=2.2 L=10.05mm

Molde Code: GT-USB-7108A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2025.01.19



REV: A0 SHEET: 1/1