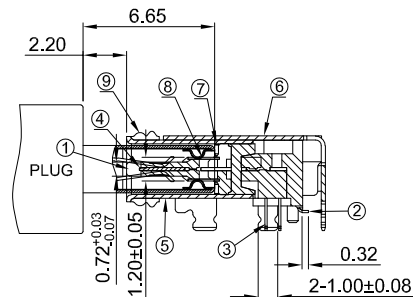
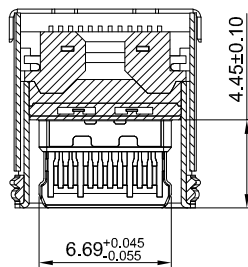
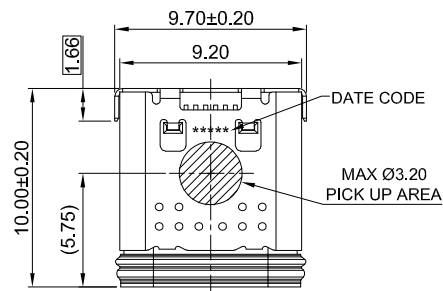
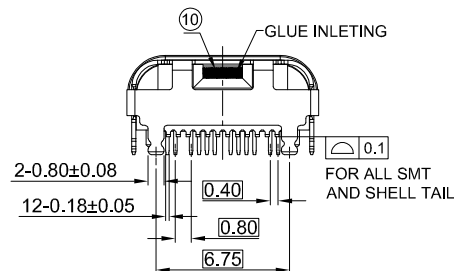
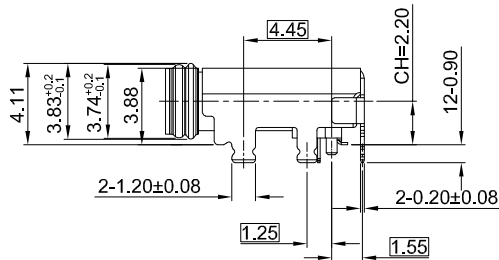
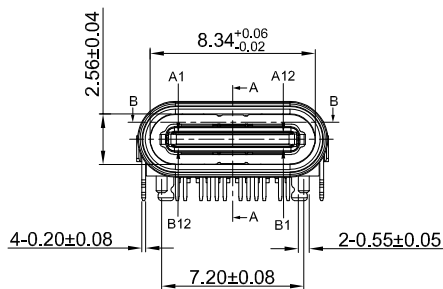


A



B

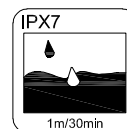
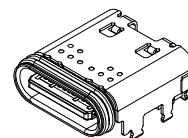
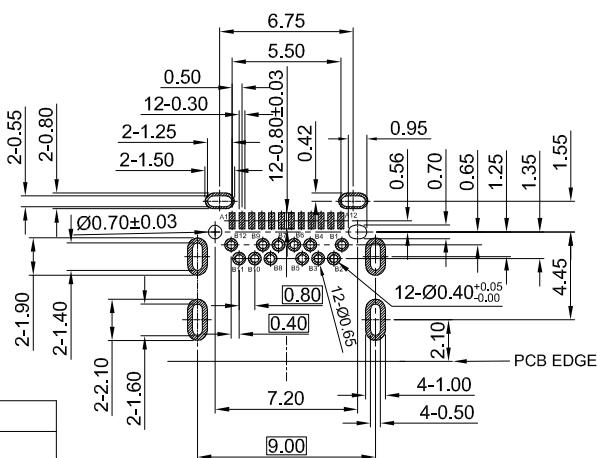
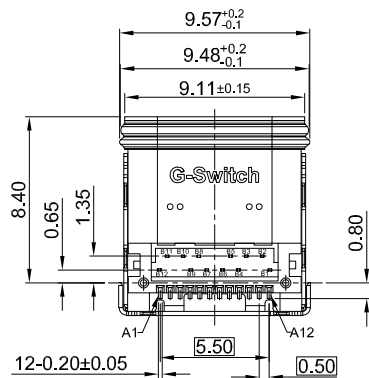


G-Switch USB-C Specification:

- Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 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
- Data transmission rate up to 10Gbps
- Waterproof grade: IP-X7.
- Compliant with: IEC62680-1-3

USB IF TID:13857

D



10	ADHESIVE	EPOXY RESIN	--
9	O-RING	RUBBER	BLACK
8	GND PLATE	SUS301	--
7	INSIDE PLATE	SUS304	--
6	SHELL-2	SUS304	Ni30u"MIN PLATED
5	SHELL-1	SUS316	--
4	MIDDLE METAL	SUS304	Ni30u"MIN PLATED
3	CONTACT(B1~B12)	C7025	Au1u"MIN PLATING ON CONTACT AREA G/F PLATING ON SOLDER AREA
2	CONTACT(A1~A12)	C7025	Au1u"MIN PLATING ON CONTACT AREA Sn30u"MIN PLATING ON SOLDER AREA
1	MOLDING	PA46	BLACK UL 94 V-0
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: IPX7 Horizontal Type-C 24P Female
DIP+SMT CH=2.2 L=10.0mm

Molde Code: GT-USB-9108A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2025.01.17



REV: A0 SHEET: 1/1

E

A

B

D

E

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