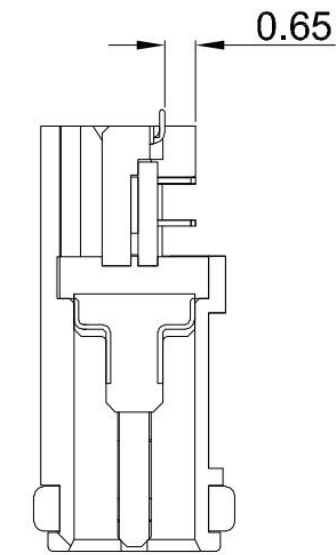
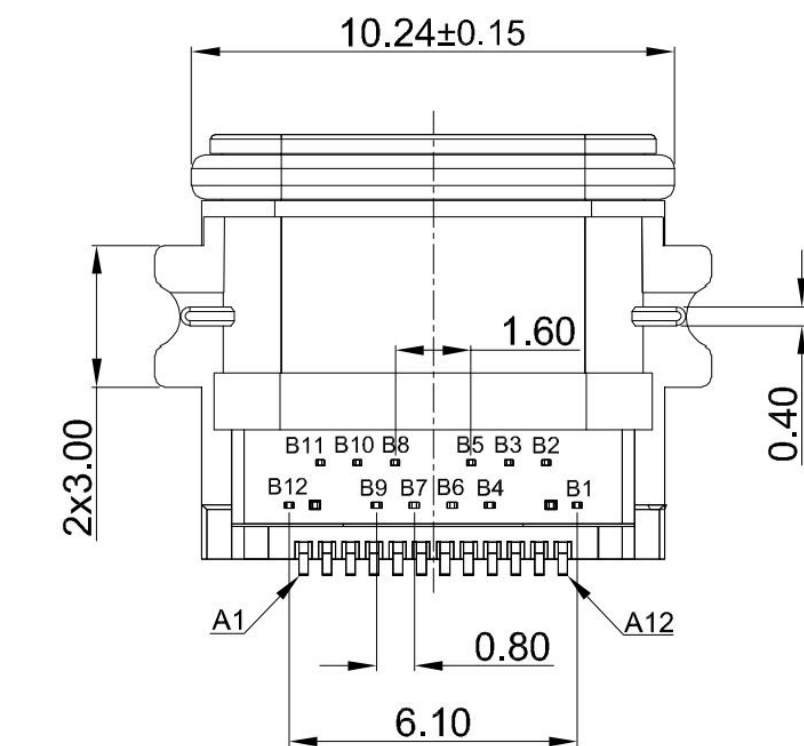
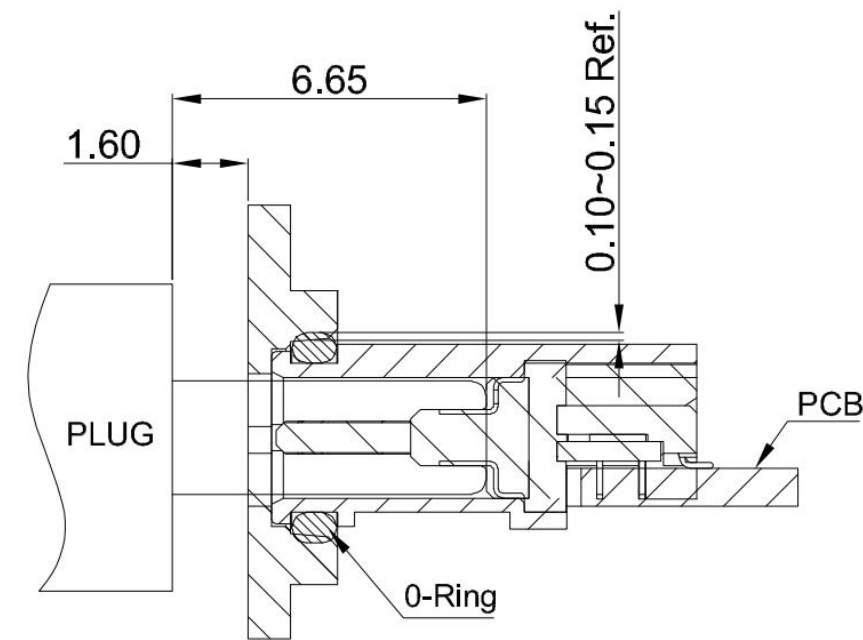
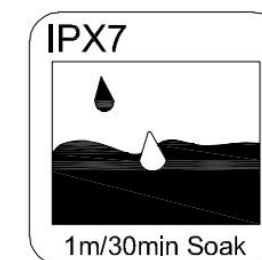
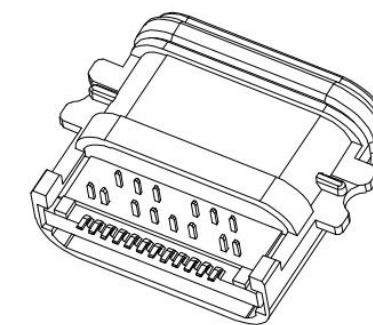
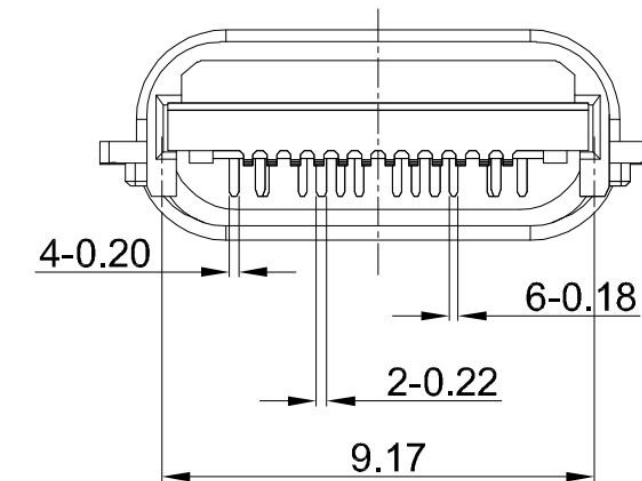




SECTION A-A



AFTER MATING

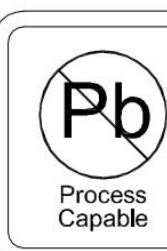


- ## G-Switch USB-C Specification:
- 1.Current rated: 5A on Vbus/1.25A on Vconn/0.25A on other
Voltage rating: 24V AC
 - 2.Withstanding voltage: 100V AC/minute
 - 3.Contact Resistance: 40mΩ Max
 - 4.Insulation Resistance: 100MΩ Min
 - 5.Operating temperature: -40 °C ~ +85 °C
 - 6.Mating force: 5N~20N
 - 7.Unmating force: 8N~20N
 - 8.Durability Cycle: 10,000 Cycles
 - 9.Data transmission rate up to 5Gbp/s
 - 10.Waterproof Grade: IP-X7.
 - 11.Compliant with: IEC62680-1-3

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	SHELL	ZN-ALLOY	Ni30u"MIN PLATED
2	GND PLANT	STAINLESS STEEL304	---
3	MID PLATE	STAINLESS STEEL301	---
4	HOUSING	HIGH TEMPERATURE PLASTIC	PA9T BLACK UL 94 V-0
5	TERMINALS	COPPER ALLOY C7025	Au1u"MIN PLATING ON CONTACT AREA Tin30u"MIN PLATING ON SOLDER AREA
6	WATERPROOF RING	SILICA GEL	RED
NO.	PARTS	MATERIAL	REMARKS

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



RoHS
Compliant
EU RoHS Standards



SCALE: 3:1

UNIT: mm

SIZE:



Unless otherwise
General Tolerance:

X.x	±0.30
X.xx	±0.20
X.xxx	±0.10
X.x°	±3°
X.xx°	±2°

Title: IPX7 Horizontal Type-c 24P Female DIP+SMT
Mid-Mount1.0 CH=0.65 L=9.0mm

Molde Code: GT-USB-9062A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.0



REV: A0 | SHEET: 1/2