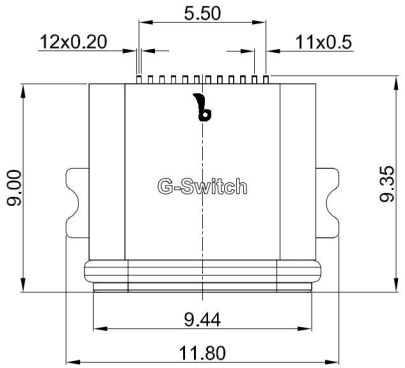
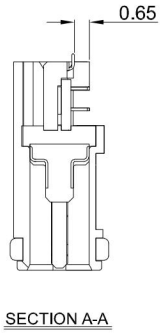
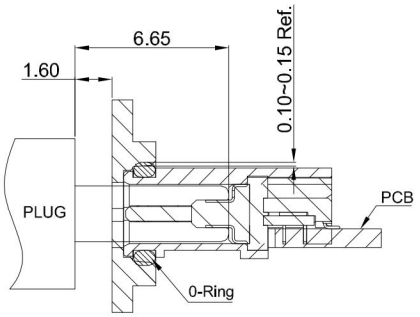


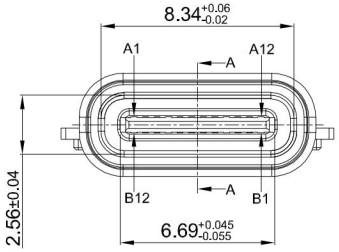


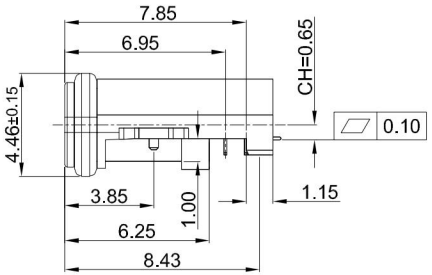
SECTION A-A

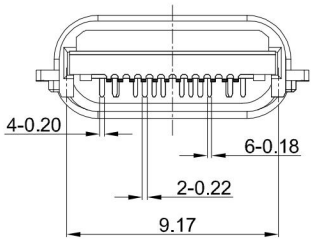


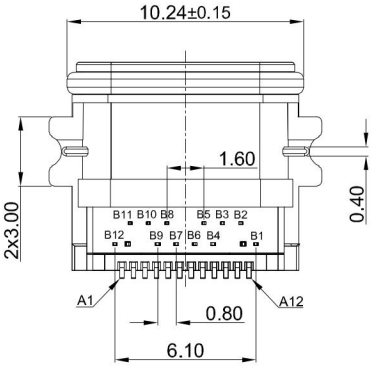
AFTER MATING

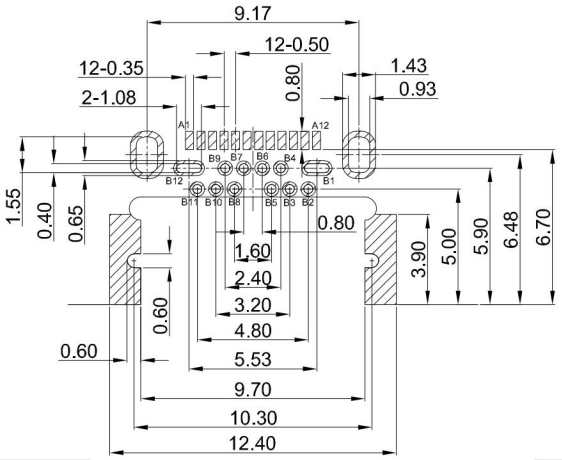




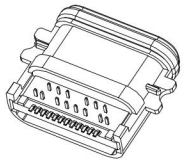








RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05





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

USB IF TID:13583

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	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

Pb Process Capable | RoHS Compliant EU RoHS Standards | HALOGEN Compliant Halogen Free

SCALE: 3:1	UNIT: mm	Title: IPX7 Horizontal Type-c 24P Female DIP+SMT Mid-Mount1.0 CH=0.65 L=9.0mm	
SIZE: A4		Molde Code: GT-USB-9062A	
Unless otherwise General Tolerance: X.x ±0.30, X.xx ±0.20, X.xxx ±0.10, X.x° ±3°, X.xx° ±2°			
DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.06

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REV: A0 SHEET: 1/2