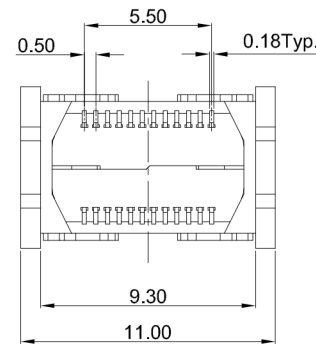
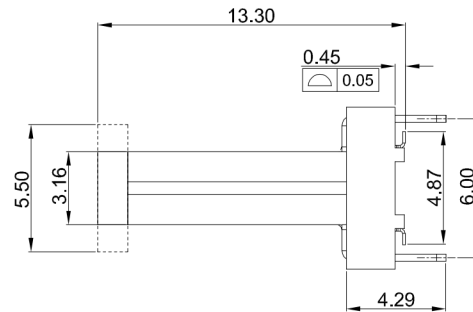
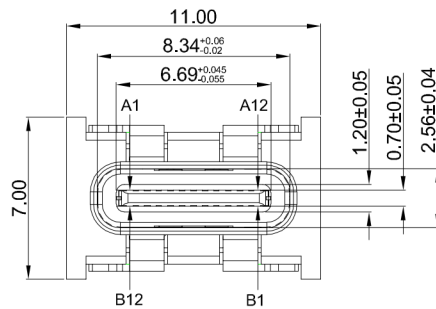
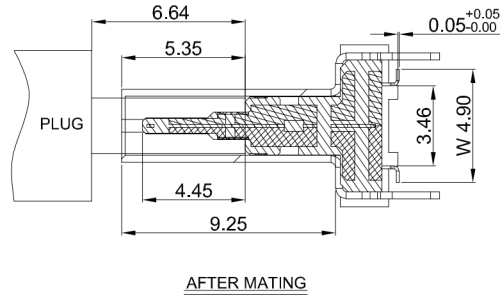
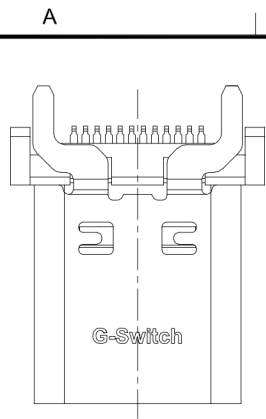
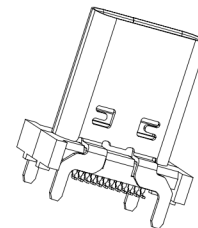
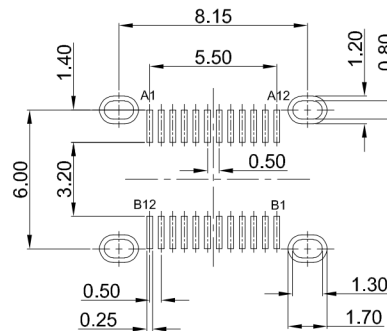
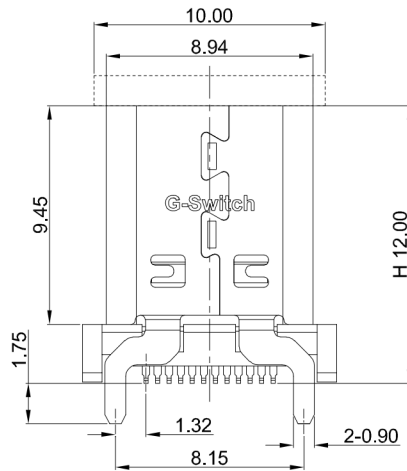




- G-Switch USB-C Specification:**
- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
Voltage rating: 24V AC
 - 2.Withstanding voltage: 100V AC/minute
 - 3.Contact resistance: 40mΩ Max
 - 4.Insulation resistance: 100MΩ Min
 - 5.Operating temperature: -25°C ~ +85°C
 - 6.Mating force: 5N~20N
 - 7.Unmating force: 8N~20N
 - 8.Durability cycle: 10,000 cycles
 - 9.Data transmission rate up to 10Gbp/s



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05

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	STAINLESS STEEL	Ni PLATED
2	MID PLATE	STAINLESS STEEL	--
3	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA Au/G/F PLATING ON SOLDER AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Vertical Type-c 24P Female SMT H=11.50mm			
SIZE: A4		Molde Code: GT-USB-7028A			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
X.x ±0.30		Jiang	Xia	Chen	2023.02.01
X.xx ±0.20					
X.xxx ±0.10					
X° ±3°					



REV: A0 SHEET: 1/1