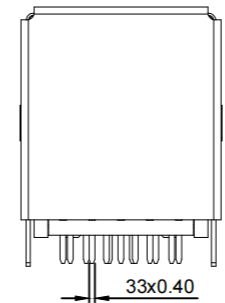
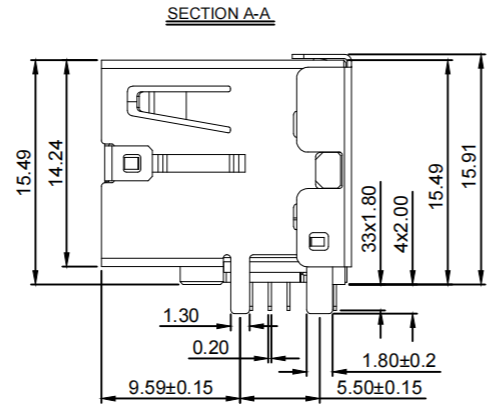
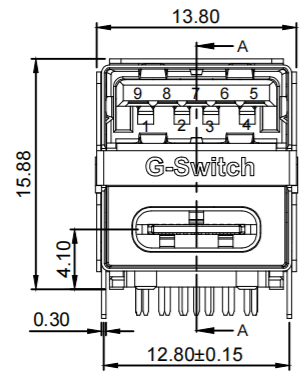
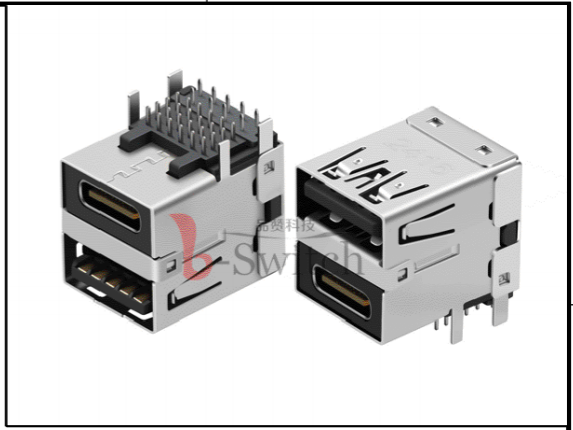
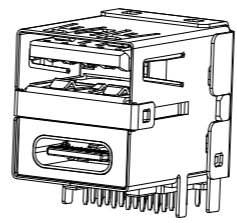
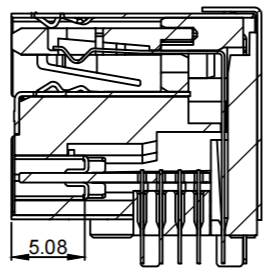
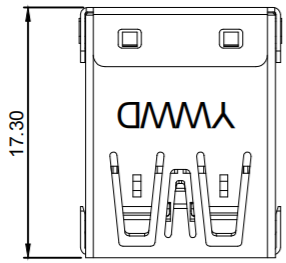
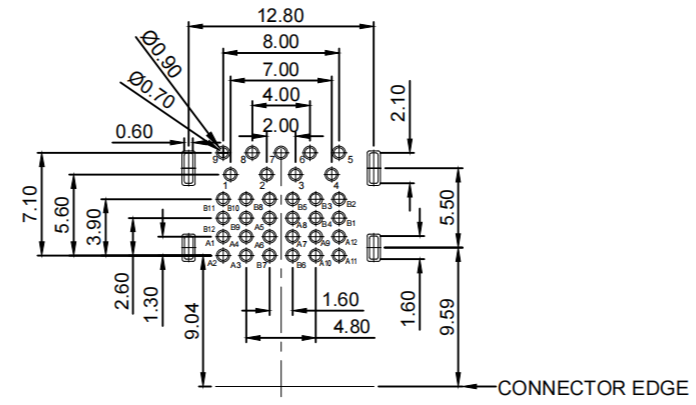
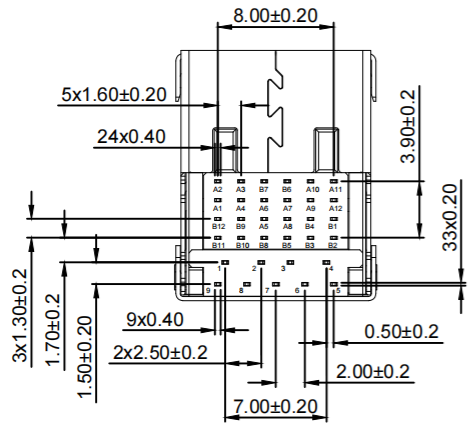


A B C D E



- G-Switch USB-A Specification:**
- 1.Current rated: 1.5A AT 250 VAC Min
  - 2.Withstanding voltage: 100V AC/minute
  - 3.Contact resistance: 30mΩ Max
  - 4.Insulation resistance: 100MΩ Min
- G-Switch USB-C Specification:**
- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
  - 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



TYPE-A PIN DEFINE	1	2	3	4	5	6	7	8	9
	VBUS	D-	D+	GND	StdA_SSRX-	StdA_SSRX+	GND_DRAIN	StdA_SSTX-	StdA_SSTX+

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

TYPE-C PIN DEFINE

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	FRONT SHELL	STAINLESS STEEL	Ni PLATED
2	AFTER SHELL	STAINLESS STEEL	Ni PLATED
3	MIDDLE SHELL	STAINLESS STEEL	Ni PLATED
4	GND PLATE	STAINLESS STEEL	Ni PLATED
5	MID PLATE	STAINLESS STEEL	Ni PLATED
6	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
7	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA

RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05



SCALE: 1:1	UNIT: mm	Title: Horizontal Type-A 9Pin+Type-C 24P Female DIP CH=4.1 L=17.3mm			
SIZE: A4		Molde Code: GT-USB-7106A			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
X	/	Xia	Chen	Chen	2023.02.01
X.x	±0.30				
X.xx	±0.25				
X.xxx	±0.20				
X*	±5°				



REV: A0 SHEET: 1/1

A B C D E

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