



**G-Switch USB-C Specification:**

- Current rated: 5A on Vbus/1.25A on Vconn/0.25A on other  
Voltage rating: 24V AC
- 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 5Gbps

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND	GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First	First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First

1	COVER SHELL	STAINLESS STEEL	NI PLATED
2	SHELL	STAINLESS STEEL	NI PLATED
3	GND PLATE	STAINLESS STEEL	---
4	MID PLATE	STAINLESS STEEL	NI PLATED
5	HOUSING	HIGH TEMPERATURE PLASTIC	Black UL 94 V-0
6	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Horizontal Type-c 24P Female Pad up CH=4.0 L=10.48mm	
SIZE: A4		Molde Code: GT-USB-7029A	
Unless otherwise General Tolerance:		DRAWN	CHECKED
X.	±0.25	Xia	Chen
X.x	±0.20	APPROVED	DATE
X.xx	±0.15	Chen	2023.02.01
X.xxx	±0.10		
X°	±5°		



REV: A0 SHEET: 1/1