



- 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

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
First			First	Second	Second	Second	Second	First			First

  

B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND
First			First	Second	Second	Second	Second	First			First

1	SHELL	STAINLESS STEEL304	Ni PLATED
2	MID PLATE	STAINLESS STEEL304	Ni PLATED
3	HOUSING	HIGH TEMPERATURE PLASTIC	LCP/PA9T BLACK UL 94 V-0
4	TERMINALS	C7025/C1814	Au1u" PLATING ON CONTACT AREA Au1u" PLATING ON SOLDERED AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Vertical Type-c 16P Female SMT H=13.7mm	
SIZE: A4		Molde Code: GT-USB-7082G	
Unless otherwise General Tolerance:		DRAWN	CHECKED
X.	±0.50	Xia	Chen
X.x	±0.30		
X.xx	±0.10		
X.xxx	±0.05		
X°	±2°		
		APPROVED	DATE
		Chen	2023.02.01



REV: A0 SHEET: 1/1