



- 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

H	Pin Long 1.3mm	GT-USB-7036A
	Pin Long 1.6mm	GT-USB-7036A01
	Pin Long 2.0mm	GT-USB-7036A02

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

  

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

RECOMMENDED PCB LAYOUT  
TOLERANCE: ±0.05

1	REAR SHELL	STAINLESS STEEL201	MATTE NICKEL PLATING
2	SHELL	STAINLESS STEEL304	MATTE NICKEL PLATING
3	MIDDLE PLATE	STAINLESS STEEL301	--
4	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
5	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 1:1	UNIT: mm	Title: Flag Type-c 14P Female DIP H=1.3 L=14.0mm	
SIZE: A4		Molde Code: GT-USB-7036A	
Unless otherwise General Tolerance:		DRAWN	CHECKED
X.	±0.25	Xia	Chen
X.x	±0.20		
X.xx	±0.15	APPROVED	DATE
X°	±5°	Chen	2023.02.01



REV: A0 SHEET: 1/1