



G-Switch USB-C Specification:

1. Current rated: 5A on vbus/1.25A on vconn/0.25A on other
2. Voltage rating: 24V AC
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. Compliant with: IEC62680-1-3

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

此产品符合
USB协会认证
规范TID:11322

1	SHELL	STAINLESS STEEL(SUS304)	Ni40Min PLATED
2	MID PLATE	STAINLESS STEEL(SUS301)	Ni40Min PLATED
3	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY(C2680)	Au1u"Min PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 4:1 UNIT: mm
SIZE: A4

Unless otherwise
General Tolerance:
X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
Angles ±3°

Title: Horizontal Type-c 16P Female
CH=1.63 L=7.35mm

Molde Code: GT-USB-9010A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2019.11.12



REV: A0 SHEET: 1/1