



G-Switch USB-C Specification:

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 2.Withstanding voltage: 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.Data transmission rate up to 10Gbp/s

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX+	TX-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First

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

1	SHELL	STAINLESS STEEL	Ni PLATED
2	INNER GROUND COVER SHELL	STAINLESS STEEL	---
3	MID PLATE	STAINLESS STEEL	Ni PLATED
4	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
5	TERMINALS	COPPER ALLOY(C7025)	Au PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS

此产品符合
USB协会认证
规范TID:7348

Pb Process Capable

RoHS Compliant
EU RoHS Standards

HALOGEN Compliant
Halogen Free

SCALE: 1:1	UNIT: mm	Title: Horizontal Type-c 24P Female SMT CH=-0.28 L=8.65mm	
SIZE: A4		Molde Code: GT-USB-9009B	
Unless otherwise General Tolerance:		DRAWN	CHECKED
X.	±0.40	APPROVED	DATE
X.x	±0.30	Xia	Chen
X.xx	±0.20	Chen	2023.02.01
X.xxx	±0.10		
X°	±3°		

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REV: A0 SHEET: 1/1