

G-Switch USB-C Specification:

1. Current rated: 5A on vbus/1.25A on vconn/0.25A on other
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
9. Data transmission rate up to 5Gbp/s
10. Compliant with: IEC62680-1-3

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

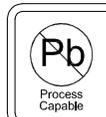
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5	EMC SPRING	STAINLESS STEEL301	Ni20u MIN PLATED
4	TERMINALS	COPPER ALLOY C7025	Au1u PLATING ON CONTACT AREA Tin30u PLATING ON SOLDER AREA
3	LATCH	STAINLESS STEEL301	Ni20u MIN PLATED
2	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
1	SHELL	STAINLESS STEEL316	Ni20u MIN PLATED
NO.	NAME	DESCRIPTION	REMARKS

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



SCALE: 4:1 UNIT: mm
SIZE: A4

Unless otherwise General Tolerance:
X. ±0.40
X.x ±0.30
X.xx ±0.20
X.xxx ±0.10
X" ±5°

Title: Horizontal Type-c 24P Plug SMT
Mid-Mount 0.95 CH=0.25 L=14.65mm

Molde Code: GT-USB-9806A

DRAWN	CHECKED	APPROVED	DATE
Xla	Chen	Chen	2024.03.10



REV: A0 SHEET: 1/1

A

B

D

E

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