



- 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
 - Waterproof grade: IP-X6

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	OUTER-SHELL	STAINLESS STEEL	Ni PLATED
2	INNER-SHELL	STAINLESS STEEL	Ni PLATED
3	GLUE	MT785	WHITE
4	MID PLATE	STAINLESS STEEL	Ni PLATED
5	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
6	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA
7	WATERPROOF RING	SILICA GEL	BLACK/RED
NO.	PARTS	MATERIAL	REMARKS

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



SCALE: 1:1 UNIT: mm
SIZE: A4

Unless otherwise General Tolerance:
X. ±0.20
X.x ±0.15
X.xx ±0.10
X.xxx ±0.05
X° ±3°

Title: Horizontal Type-c 16P Female SMT CH=2.03 L=7.35mm

Molde Code: GT-USB-7079A

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2023.02.01

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REV: A0 SHEET: 1/1