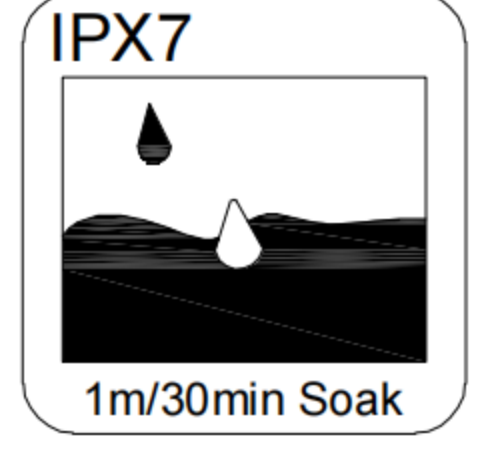


CASE ASSEMBLY FOR REFERENCE

RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05



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
9. Waterproof Grade: IP-X7.

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
				CC1				VBUS			GND
				Second				First			First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS				CC2				
First			First				Second				

1	RING	SILICA GEL	RED
2	SHELL	ZINC ALLOY	NI PLATED
3	MID PLATE	STAINLESS STEEL	—
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: 4:1 UNIT: mm
 SIZE: A4

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

Title: Vertical Type-c 6P Female
 SMT H=6.4mm

Molde Code: GT-USB-7054

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2022.11.08



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