

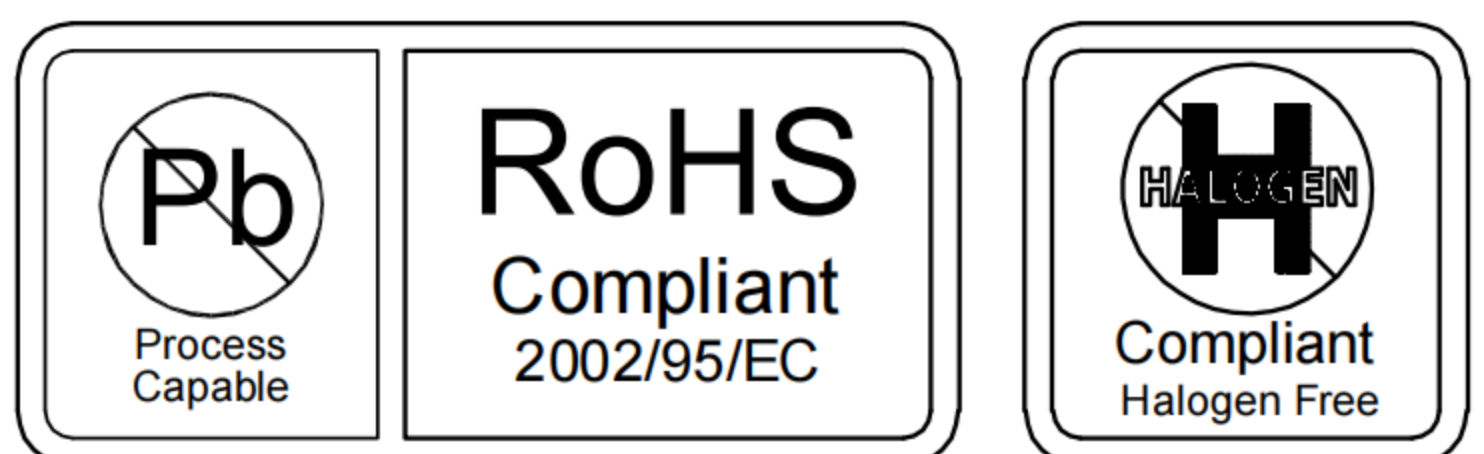
- G-Switch USB-C Specification:**
1. Current rated 5A on Vbus
1.25A on Vconn/0.25A on other
 2. Voltage rating: 24V AC
 3. Withstanding voltage: 100V AC/minute
 4. Contact Resistance: 40mΩ Max
 5. Insulation Resistance: 100MΩ Min
 6. Operating temperature: -40 °C ~ +85 °C
 7. Mating force : 5N~20N
 8. Unmating force: 8N~20N
 9. Durability Cycle: 10,000 Cycle

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

Recommended P.C.B. Layout
Thickness 0.80MM; Default Tolerance: ±0.05

1	SHELL	STAINLESS STEEL	Ni PLATED
2	MIDDLE PLATE	STAINLESS STEEL	--
3	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
4	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE: 4:1	UNIT: mm	Title: Horizontal Type-c 16P Female SMT CH=1.68 L=7.35mm Black Plastic	
SIZE: A4		Molde Code: GT-USB-7010AN	
Unless otherwise General Tolerance:		DRAWN	CHECKED
X.	±0.20	Xia	Chen
X.x	±0.15		
X.xx	±0.10		
X.xxx	±0.05		
Angles	±3°	APPROVED	DATE
		Chen	2023.02.04



REV: A0 SHEET: 1/1