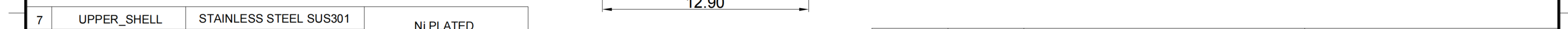


G-Switch USB-C Specification:

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 cycles



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

7	UPPER_SHELL	STAINLESS STEEL SUS301	Ni PLATED
6	DOWN_SHELL	STAINLESS STEEL SUS301	SOLDER AREA:1u~3u"Au PLATING
5	INNER_SHELL	STAINLESS STEEL SUS301	---
4	MID PLATE	STAINLESS STEEL SUS301	---
3	TERMINALS 2	COPPER ALLOY C18150	CONTACT AREA:30u"Au BRUSH PLATING
2	TERMINALS 1	COPPER ALLOY C18150	SOLDER AREA:2~8u"Au BRUSH PLATING
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
NO.	PARTS	MATERIAL	REMARKS

RECOMMENDED PCB LAYOUT TOLERANCE:±0.05

Pb Process Capable

RoHS Compliant EU RoHS Standards

HALOGEN Compliant Halogen Free

SCALE: 1:1	UNIT: mm	Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	
SIZE: A4		Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	
Unless otherwise General Tolerance:		Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	
X.		Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	
X.x	±0.30	Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	
X.xx	±0.25	Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	
X.xxx	±0.15	Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	
X°	±1°	Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	
		Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	
		Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	
		Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	
		Title: Horizontal Type-c 16P Female SMT Sink 2.03 CH=0.35 L=6.45mm	



Molde Code: GT-USB-7085A	DRAWN: Xia	CHECKED: Chen	APPROVED: Chen	DATE: 2023.02.01
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REV: A0	SHEET: 1/1
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