

RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05

G-Switch USB-C Specification:

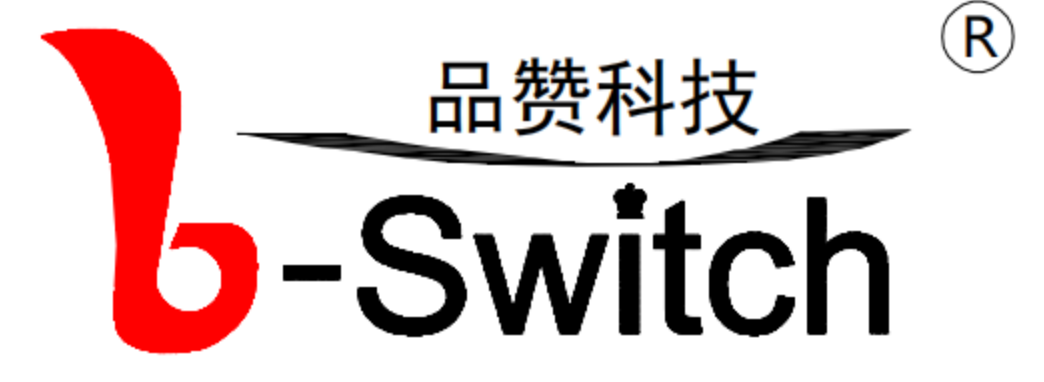
1. Current rated: 5A on Vbus/1.25A on Vconn/0.25A on other
Voltage rating: 24V AC
2. Withstanding voltage: 100V AC/minute
3. Contact Resistance: 40mΩ Max
4. Insulation Resistance: 100MΩ Min
5. Operating temperature: -40°C ~ +85°C
6. Mating force: 5N~20N
7. Unmating force: 8N~20N
8. Durability Cycle: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

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	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: 1:1	UNIT: mm	Title: Flag Type-c 6P Female DIP H=9.0 L=13.5mm			
SIZE: A4		Molde Code: GT-USB-7036B			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
X.	±0.25	Xia	Chen	Chen	2023.03.07
X.x	±0.20				
X.xx	±0.15				
X.xxx	±0.10				
X°	±5°				



REV: A0 SHEET: 1/1