

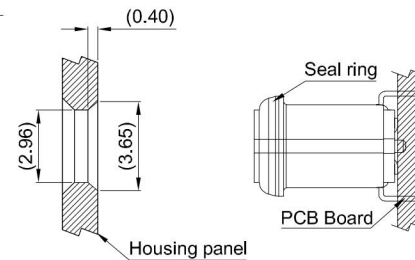
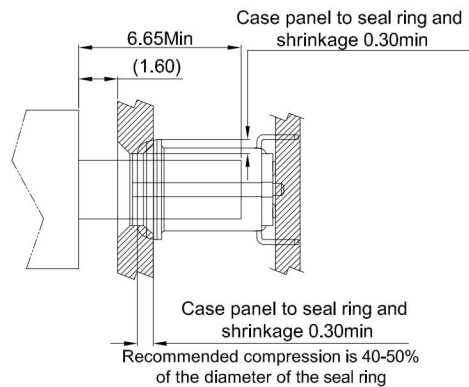
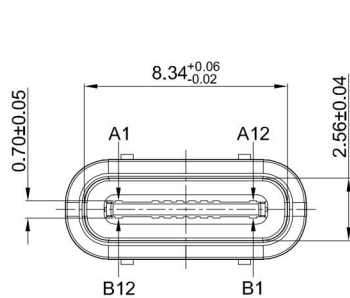
A

B

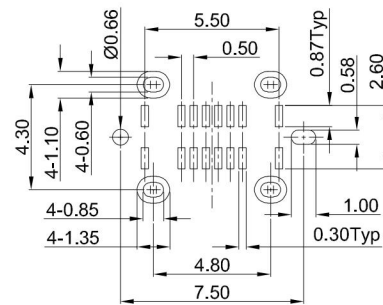
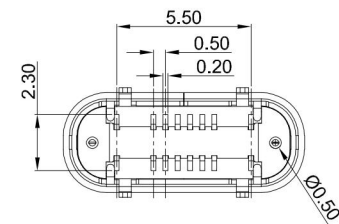
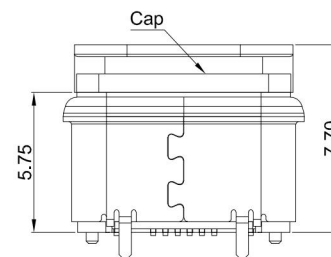
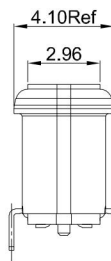
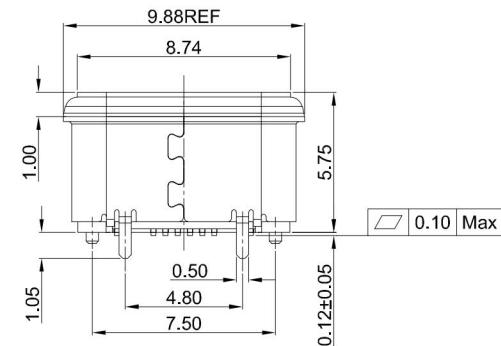
C

D

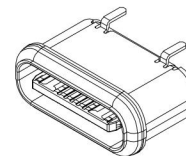
E



RECOMMENDED
SEALING METHOD



RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



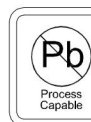
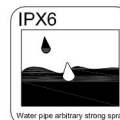
G-Switch USB-C Specification:

- 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: 50mΩ Max
- 4.Insulation resistance: 100MΩ Min
- 5.Operating temperature: -30°C ~ +85°C
- 6.Mating force: 5N~20N
- 7.Unmating force: 8N~20N
- 8.Durability cycle:10,000 cycles
- 9.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	SHEATH	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
2	SHELL	STAINLESS STEEL	NI PLATED
3	MID PLATE	STAINLESS STEEL	CLEAR ONLY
4	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK UL 94 V-0
5	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA
6	O-RING	SILICA GEL	RED
NO.	PARTS	MATERIAL	REMARKS



RoHS
Compliant
EU RoHS Standards



SCALE: 1:1	UNIT: mm	Title: Vertical Type-c 16P Female SMT H=5.75mm			
SIZE: A4		Molde Code: GT-USB-7074A01			
Unless otherwise General Tolerance: X.x ±0.25 X.xx ±0.15 X.xxx ±0.10 X" ±3° X.x" ±2° X.xx" ±1°		DRAWN	CHECKED	APPROVED	DATE
		Jiang	Xia	Chen	2023.02.01

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b-Switch
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REV: A0 SHEET: 1/1

A

B

C

D

E

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