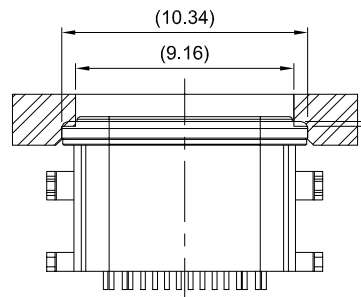
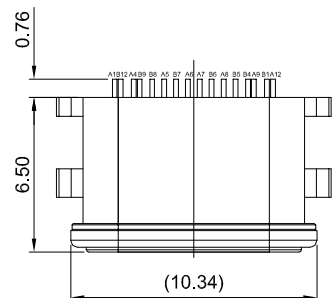


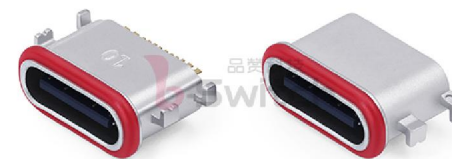
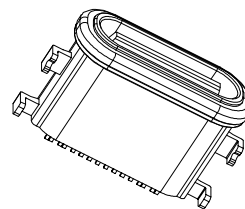
A

A



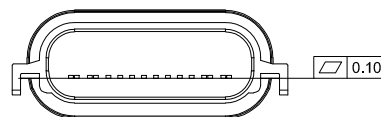
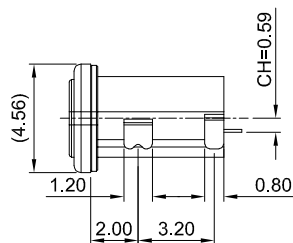
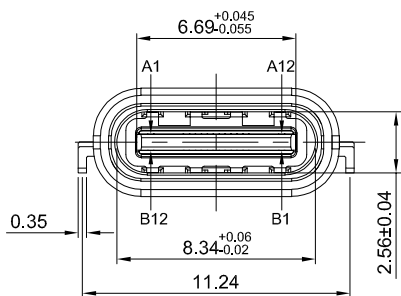
It is recommended to reduce the thickness of the waterproof ring by 30-40%

REFERENCE ASSEMBLY



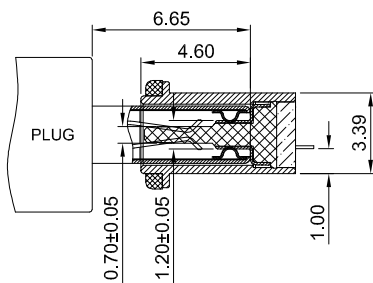
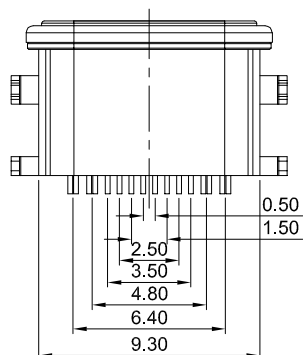
B

B

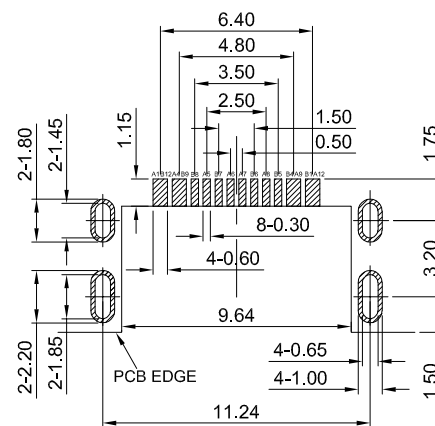


C

C



AFTER MATING

PCB REFERENCE DIAGRAM
TOLERANCE:±0.05**G-Switch USB-C Specification:**

- 1.Current rated: 5A on vbus/1.25A on vconn/0.25A on other
- 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,after durability test: 6N~20N
- 8.Durability cycle:10,000 cycles
- 9.Waterproof grade: IP-X7

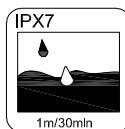
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
First			First	Second	Second	Second	Second	First			First

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

D

D

NO.	PARTS	MATERIAL	REMARKS
1	SHELL	STAINLESS STEEL 304	Ni PLATED
2	EMC	STAINLESS STEEL 304	-
3	MID PLATE	STAINLESS STEEL 301	-
4	HOUSING	PA9T	BLACK UL 94V-0
5	TERMINALS	COPPER ALLOY C2680	Au1u* PLATED ON CONTACT AREA Au1u* PLATED ON SOLDER AREA
6	RING	UV	RED



SCALE: 1:1	UNIT: mm	Title: Horizontal Type-C 16P Female SMT Mid-Mount 1.00 CH=0.59 L=6.5mm			
SIZE: A4		Molde Code: GT-USB-9117B-01			
Unless otherwise General Tolerance:					
X.		±0.40			
X.x		±0.30			
X.xx		±0.20			
X.xxx		±0.10			
X*		±5°			
Wu	Xla	Chen	2024.03.10	REV: A0	SHEET: 1/1



E

E