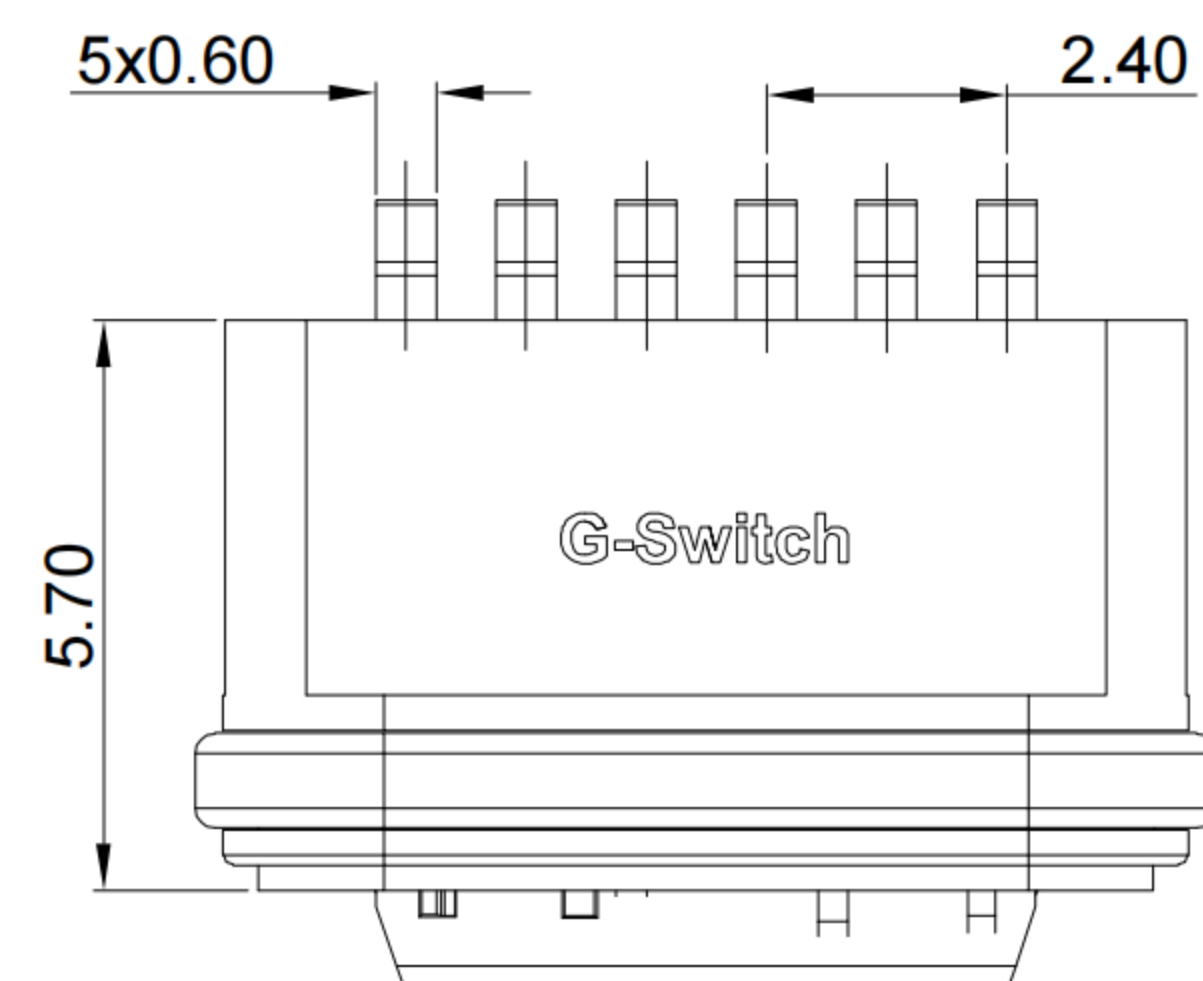
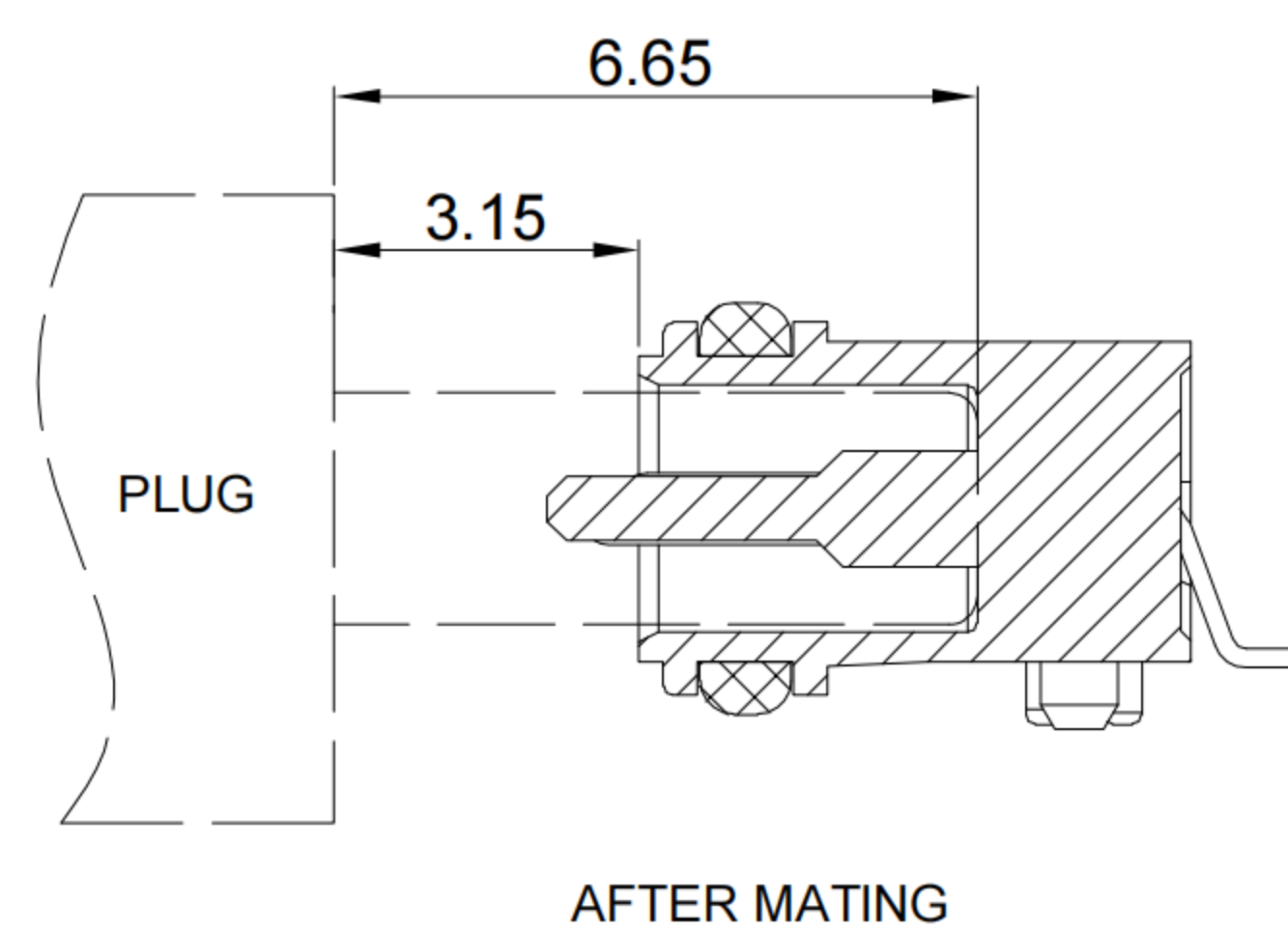


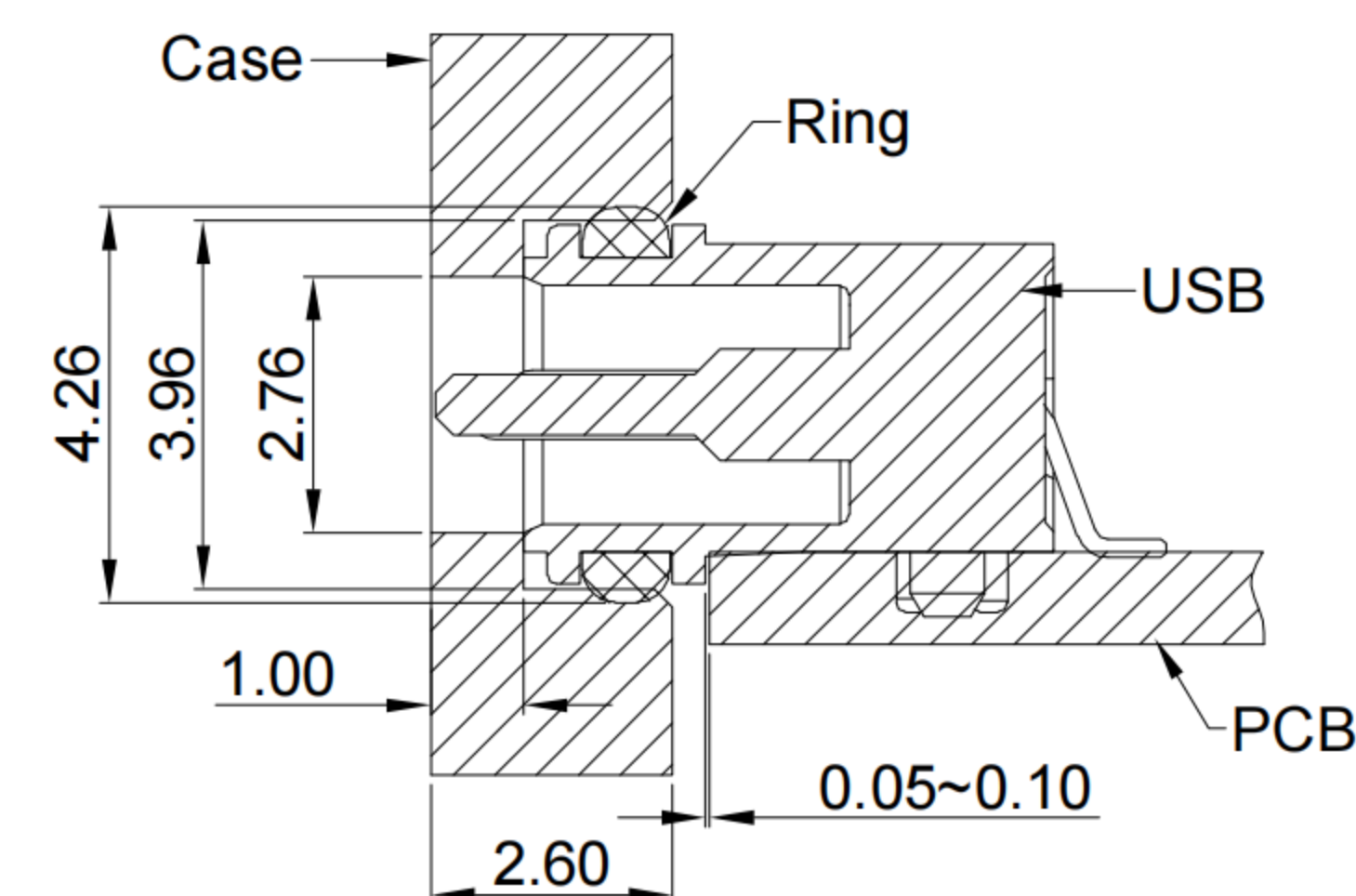
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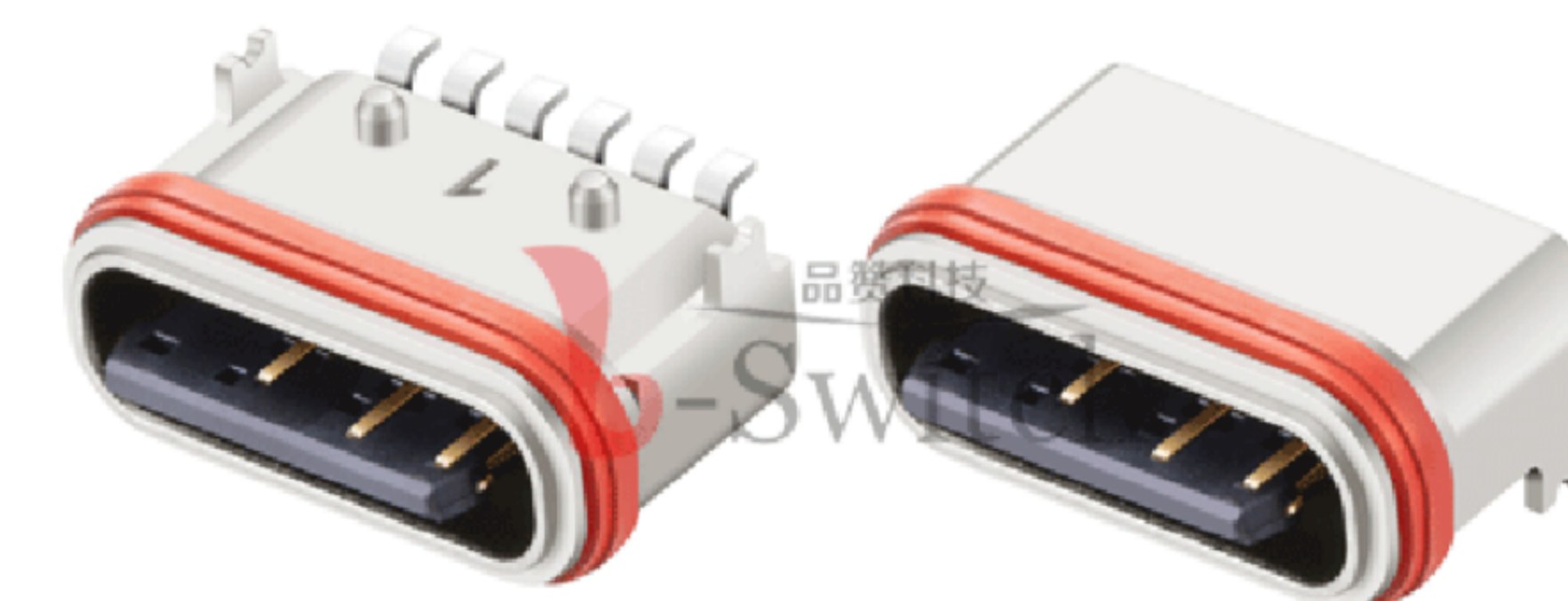
B



C

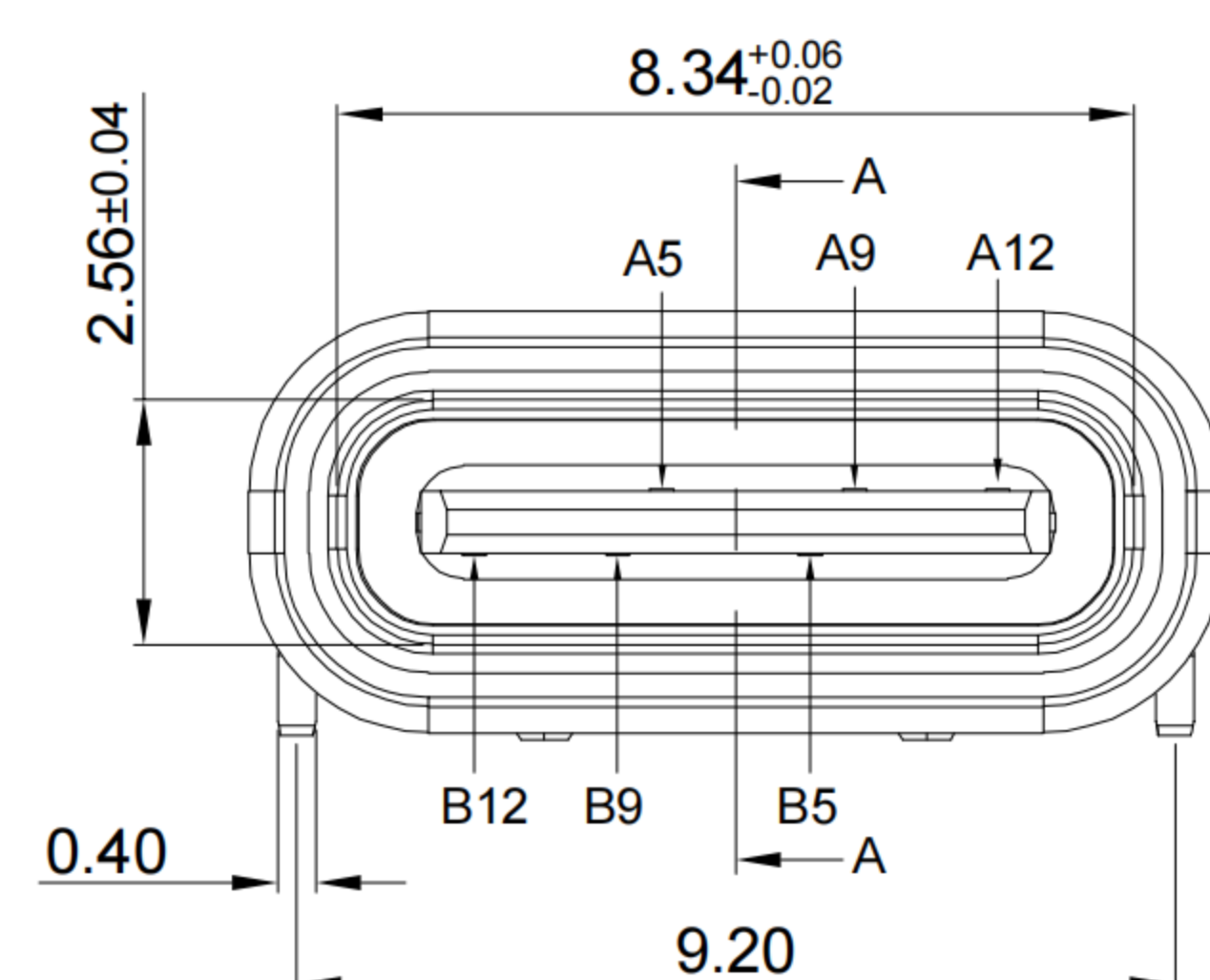


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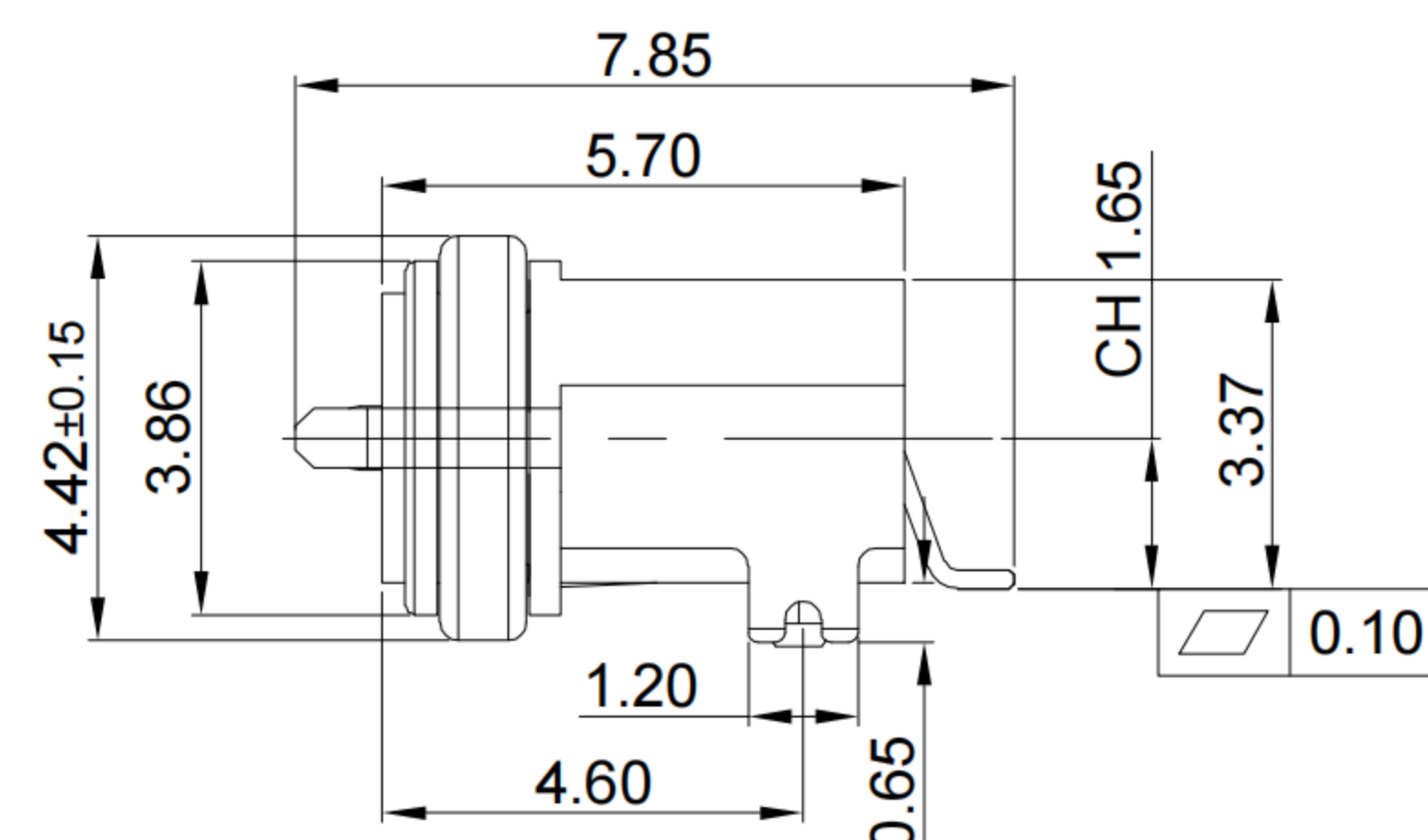


E

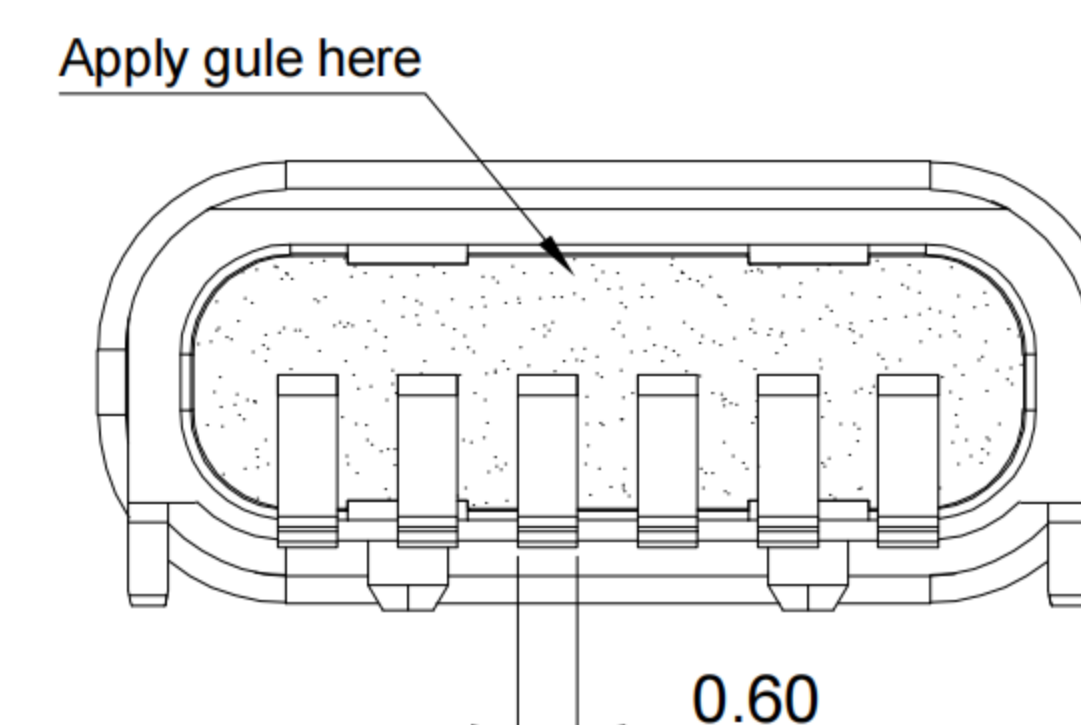
2



B



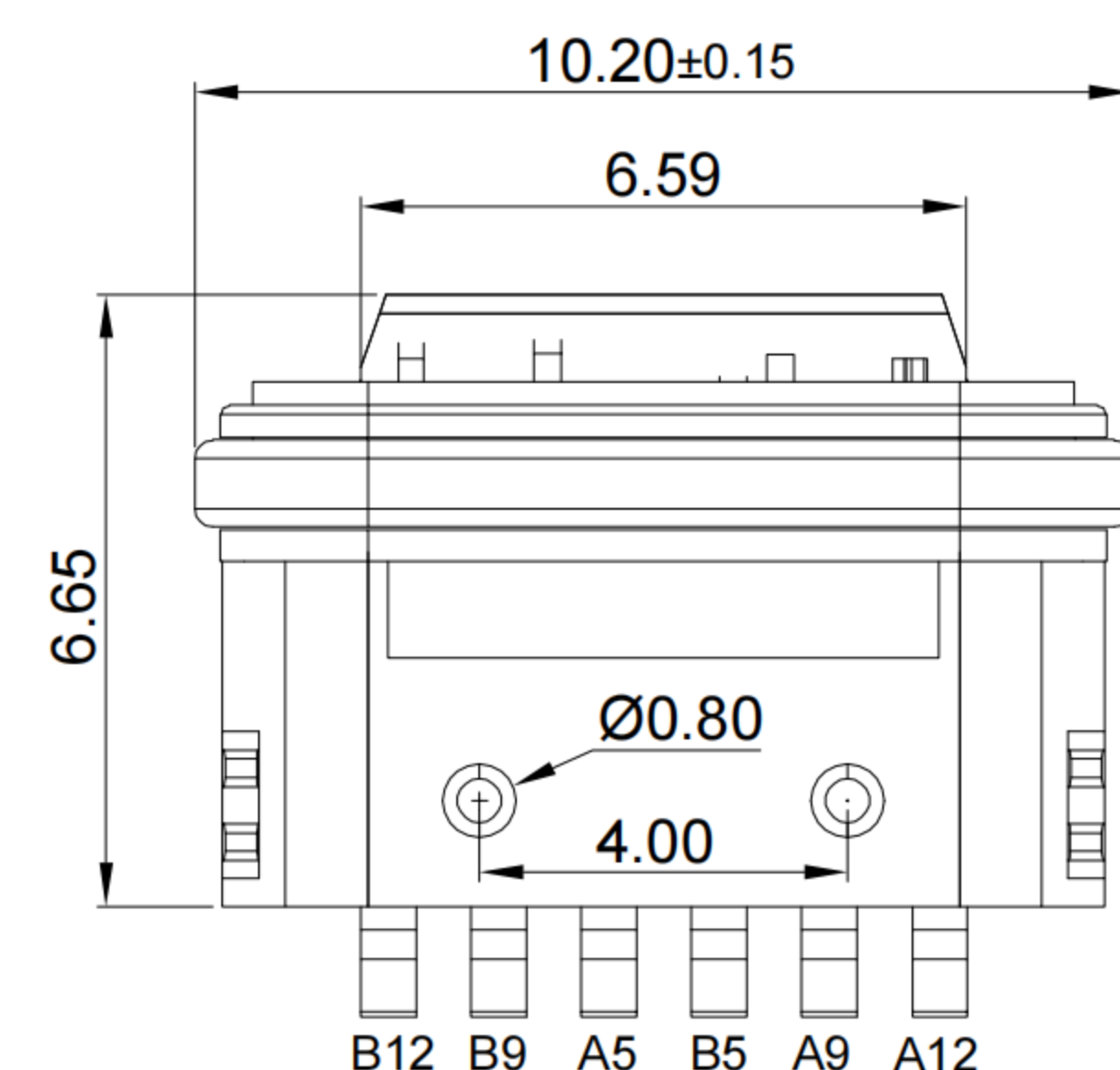
C



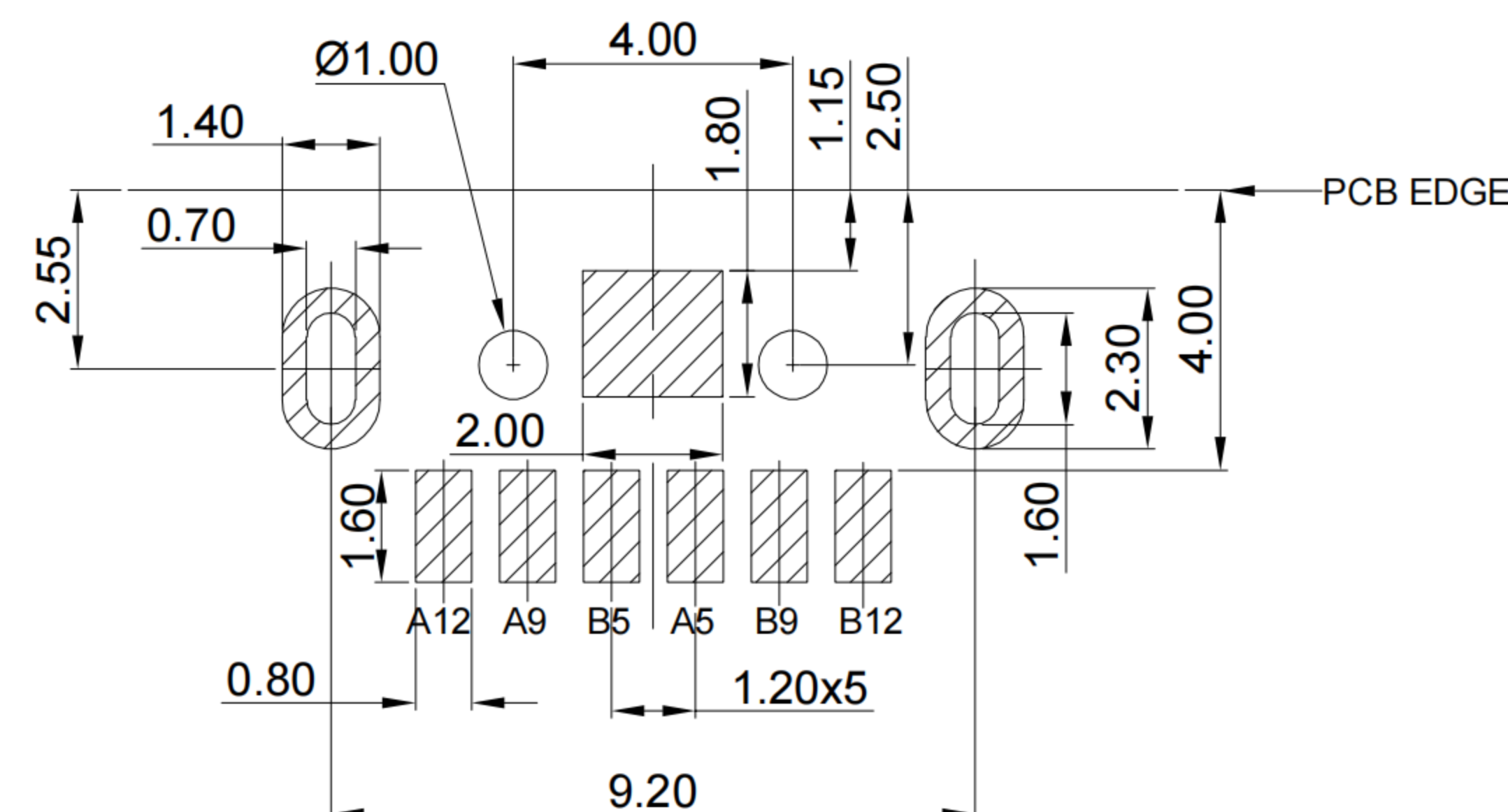
G-Switch USB-C Specification:

- 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
- 9.Waterproof Grade: IP-X7.
- 10.Salt spray test: 96H

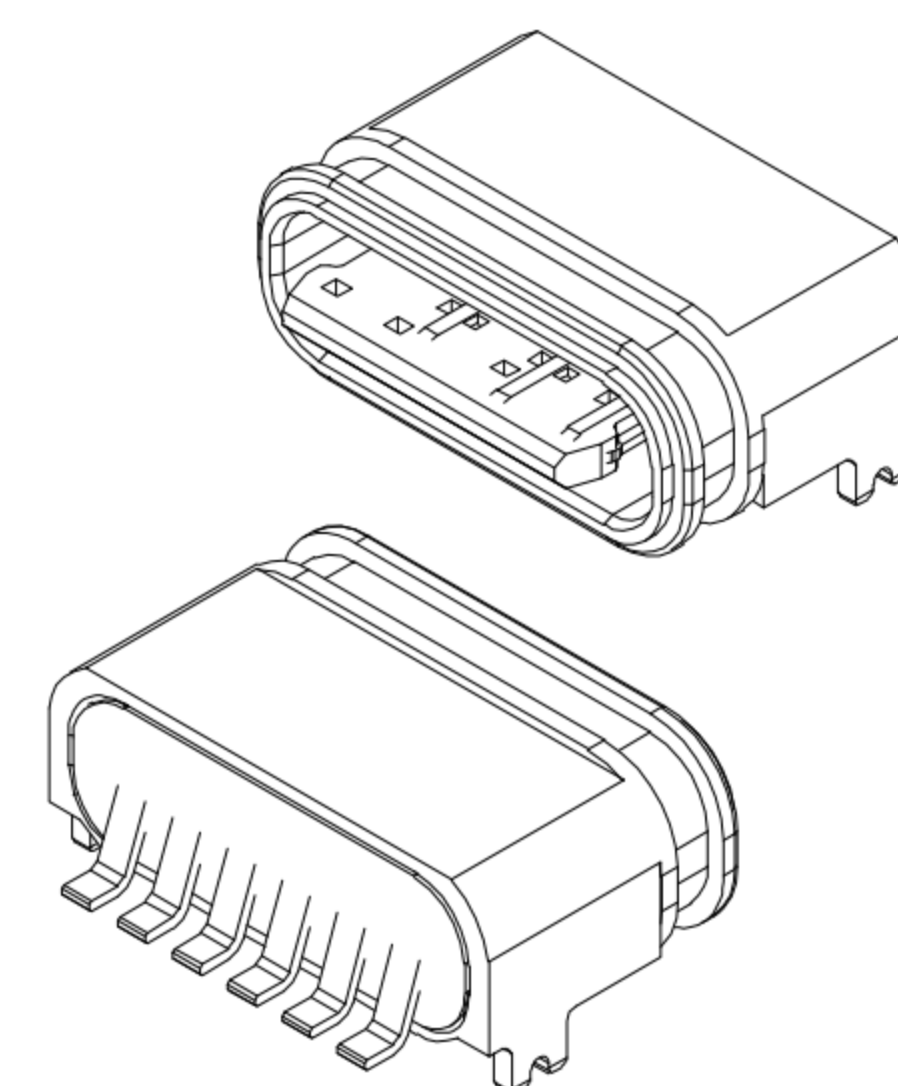
3



B



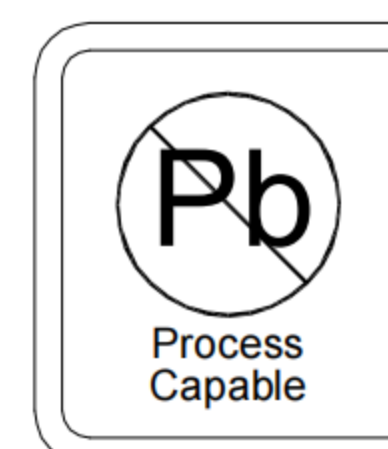
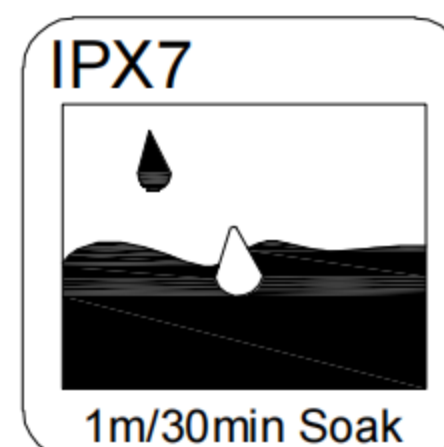
C



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				

4

RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



RoHS
Compliant
EU RoHS Standards



SCALE: 4:1
UNIT: mm

SIZE: A4

Unless otherwise
General Tolerance:
X. ±0.25
X.x ±0.20
X.xx ±0.15
X.xxx ±0.10
X° ±5°

Title: Horizontal Type-c 6P Female
SMT CH=1.65 L=5.7mm

Molde Code: GT-USB-7049

DRAWN	CHECKED	APPROVED	DATE
Xia	Chen	Chen	2022.11.08



REV: A0 SHEET: 1/1

5

NO.	PARTS	MATERIAL	REMARKS
1	WATERPROOF RING	SILICA GEL	RED
2	SHELL	ZINC ALLOY	NI PLATED
3	MID PLATE	STAINLESS STEEL	
4	HOUSING	HIGH TEMPERATURE PLASTIC	LCP BLACK UL 94 V-0
5	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA