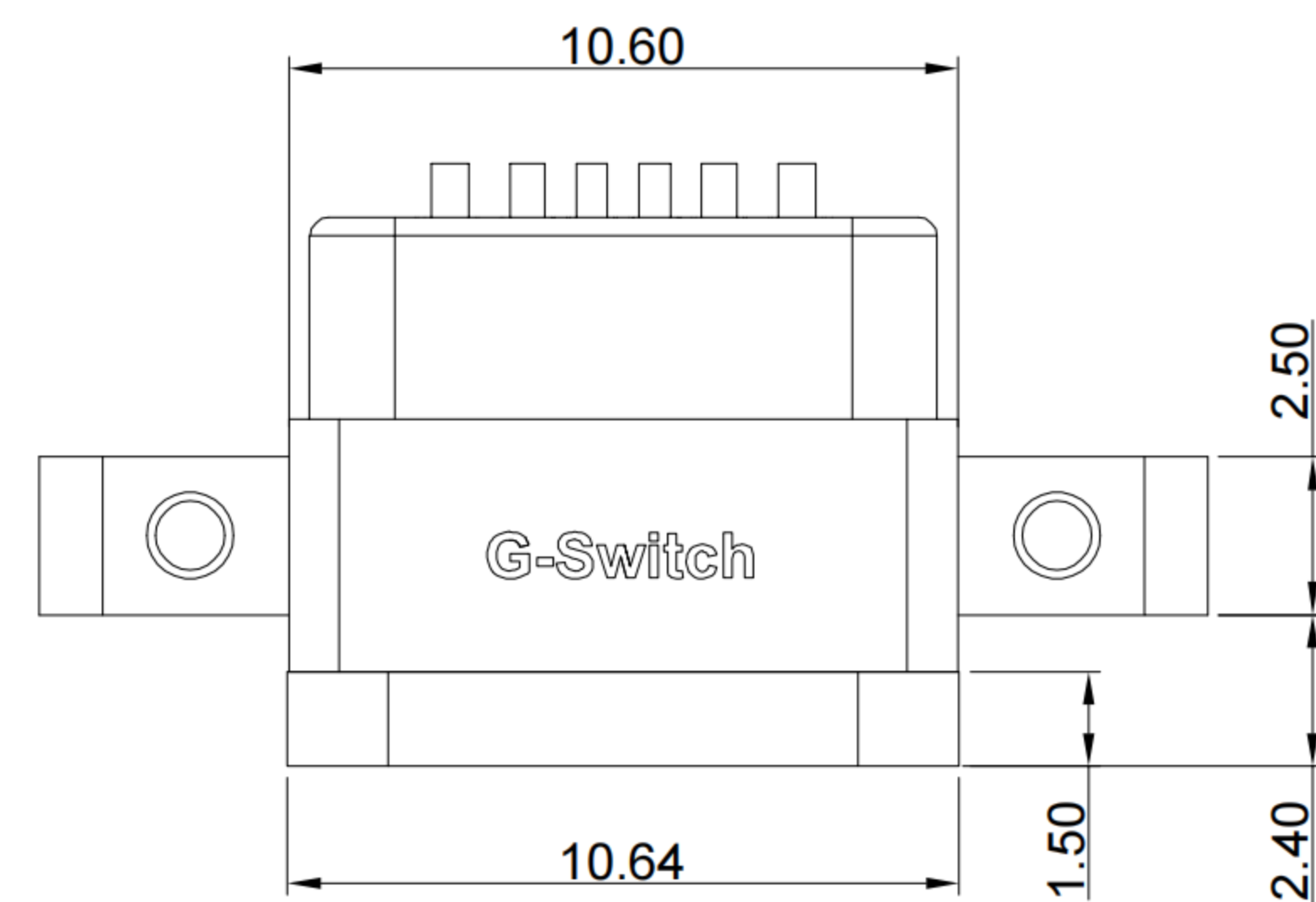
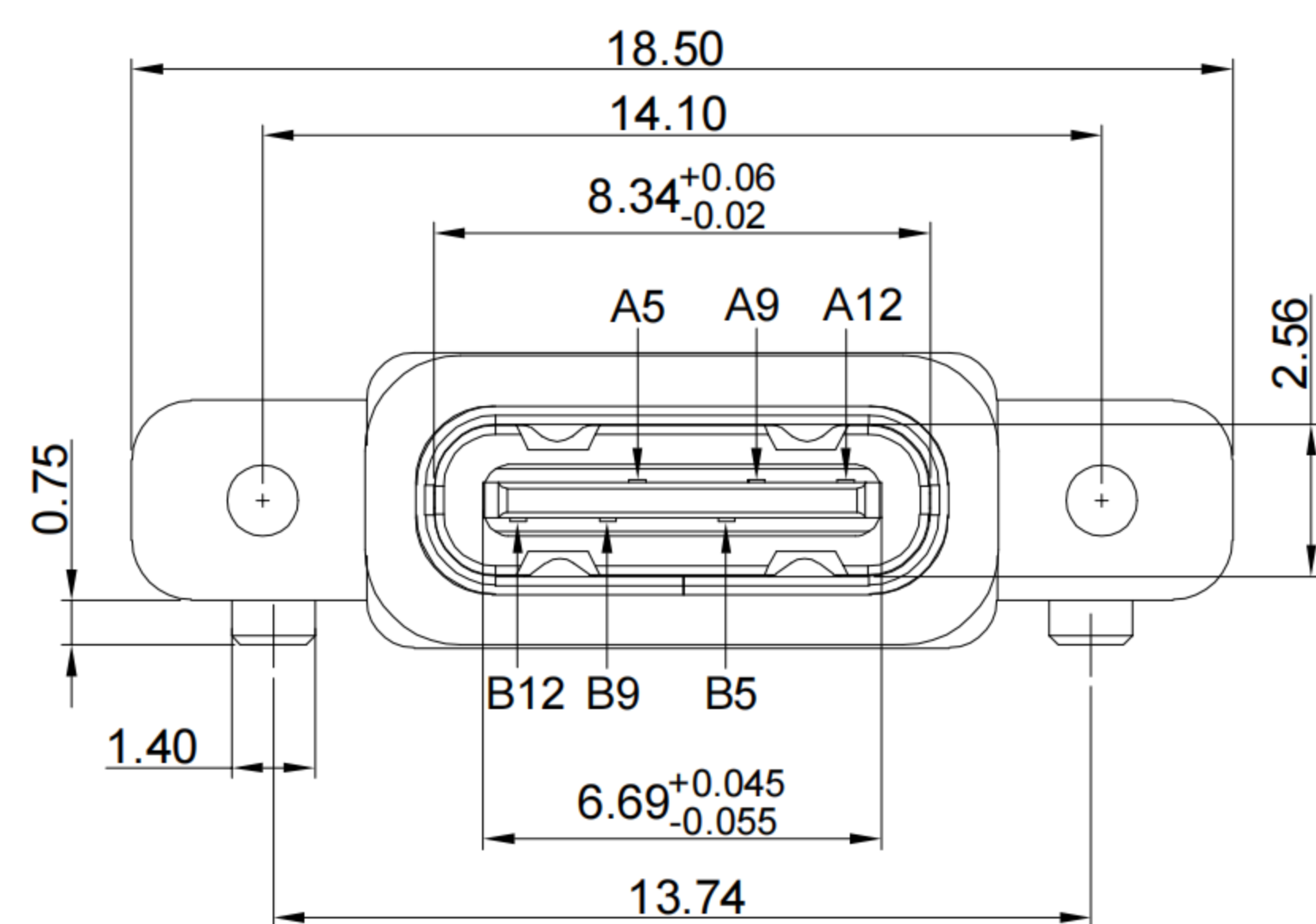


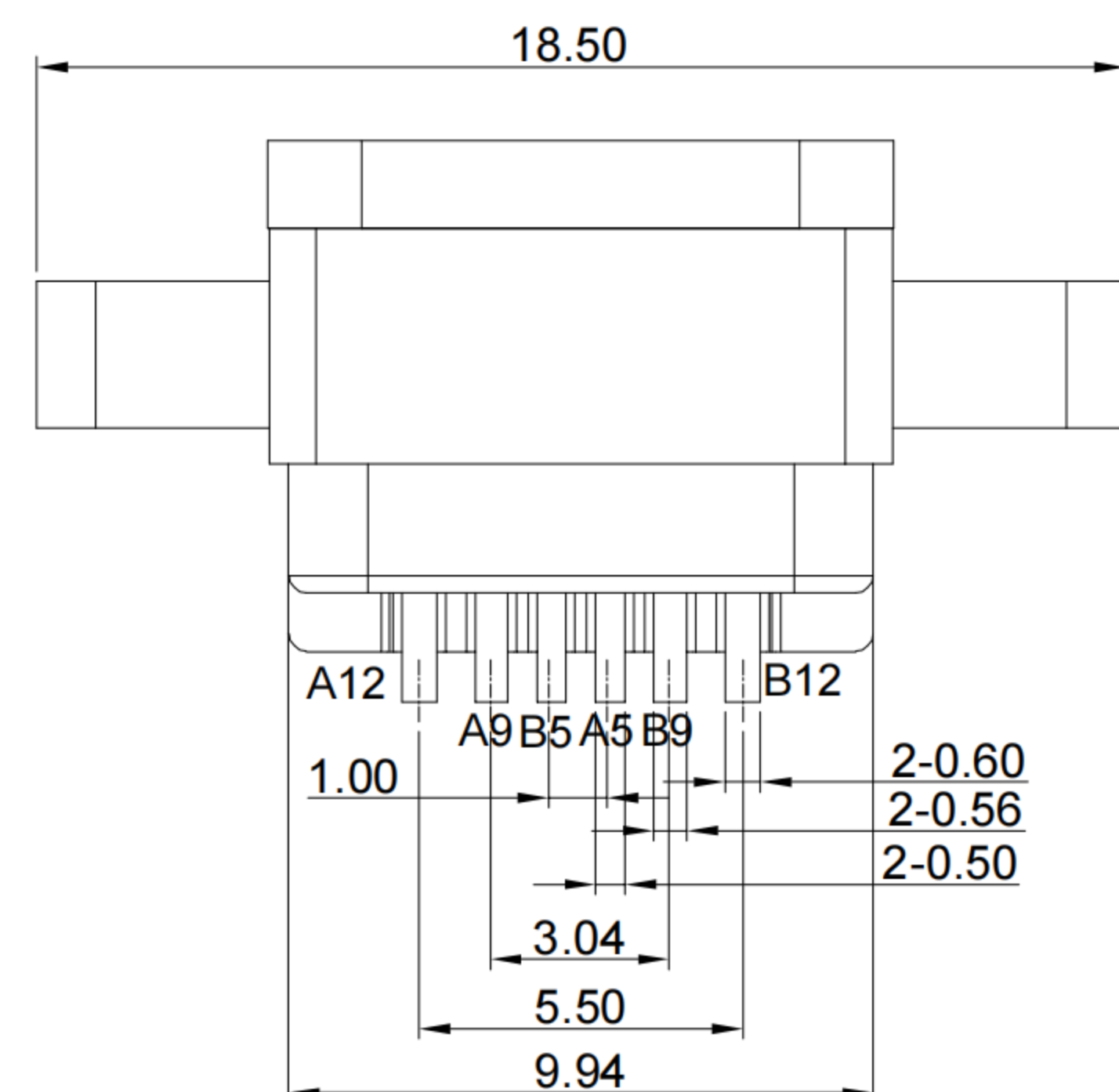
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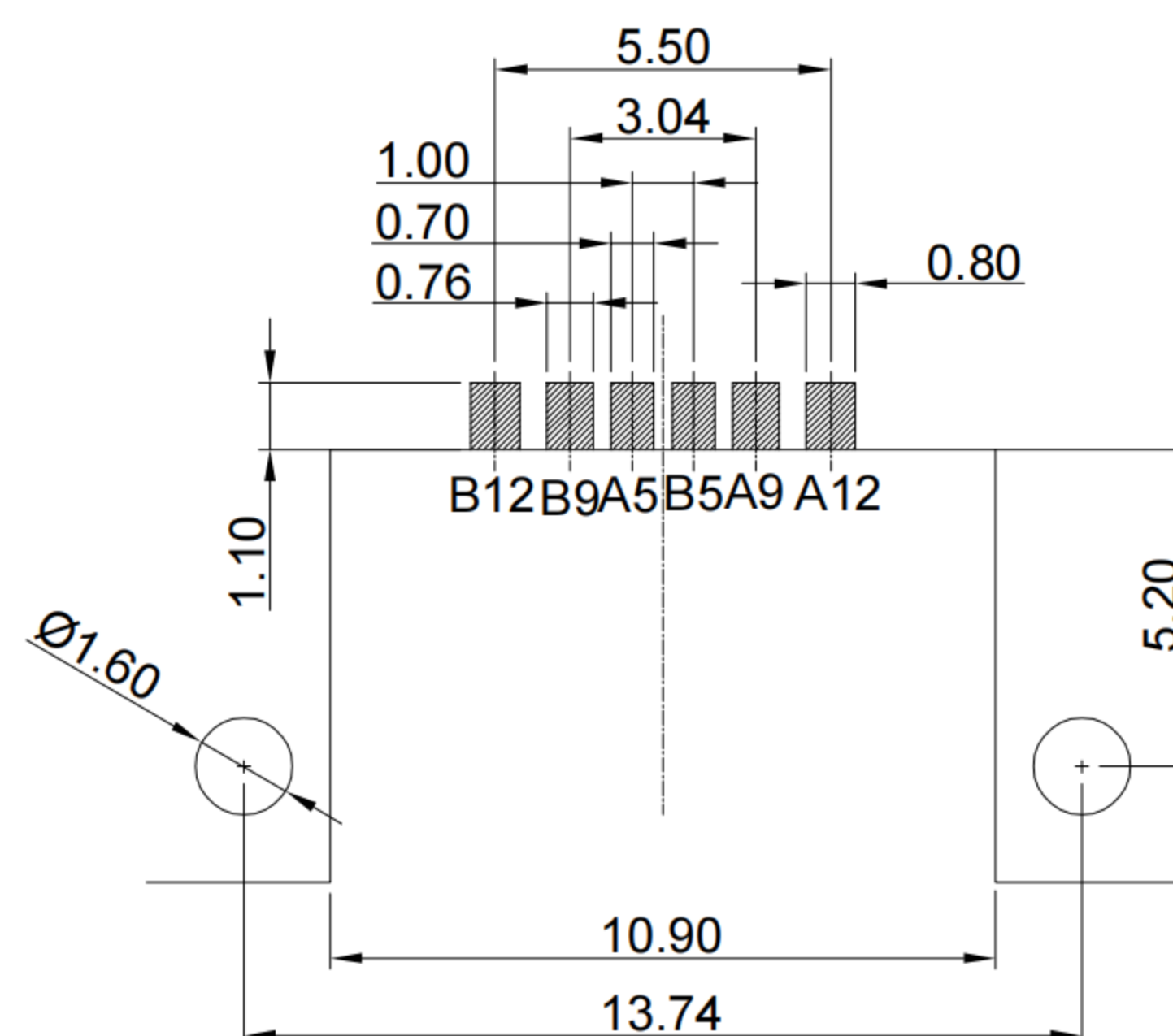
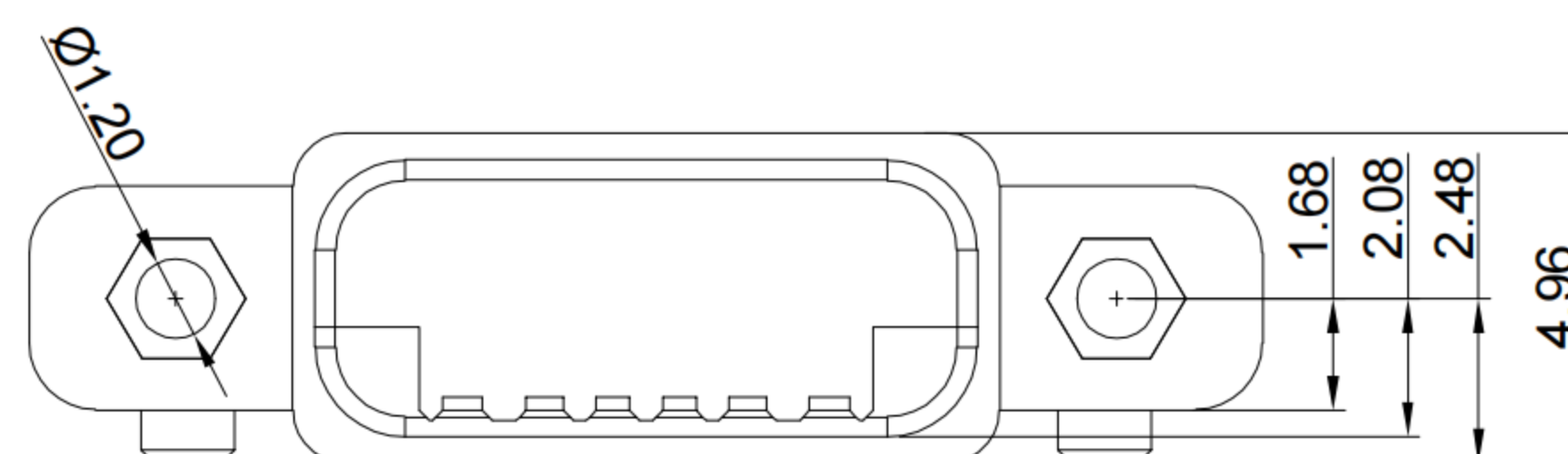
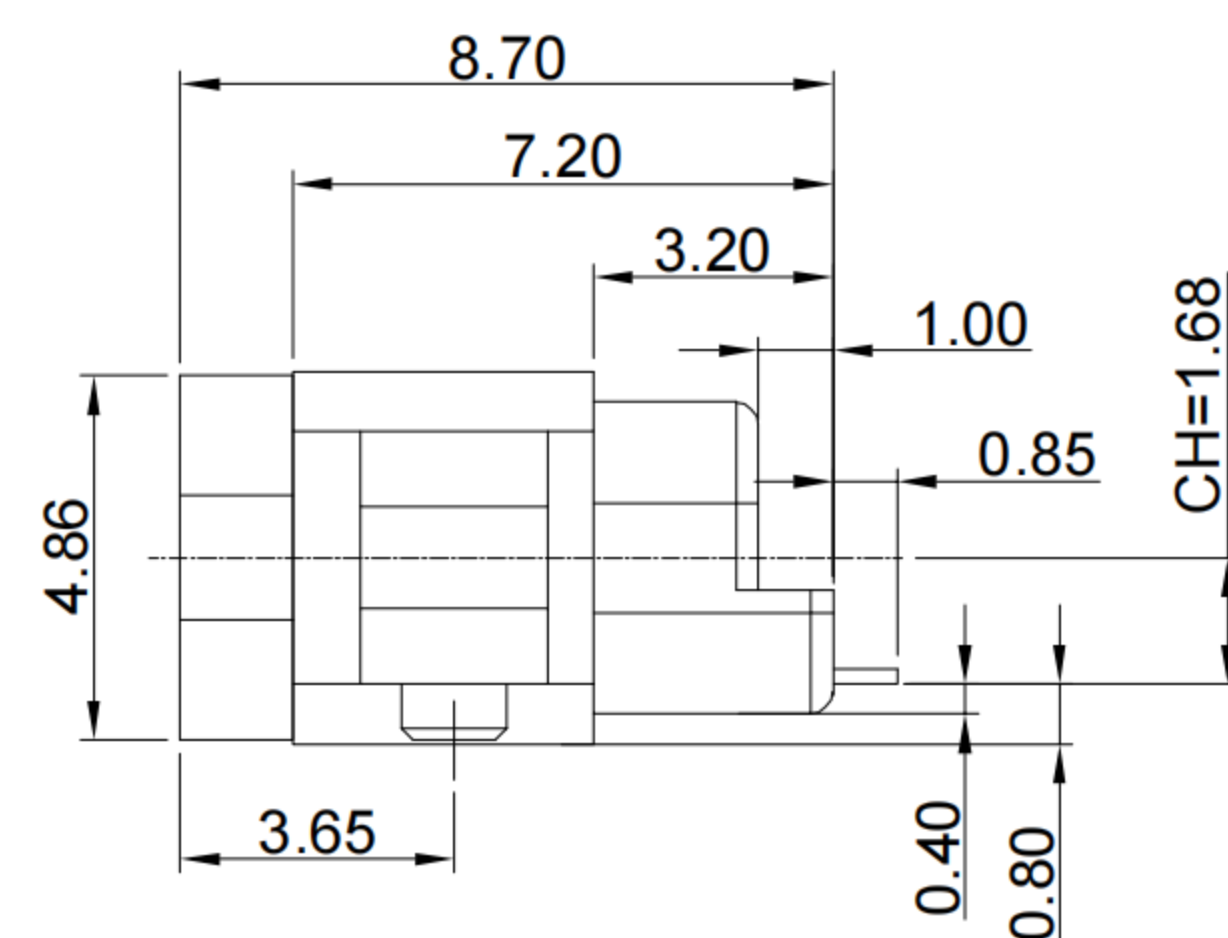
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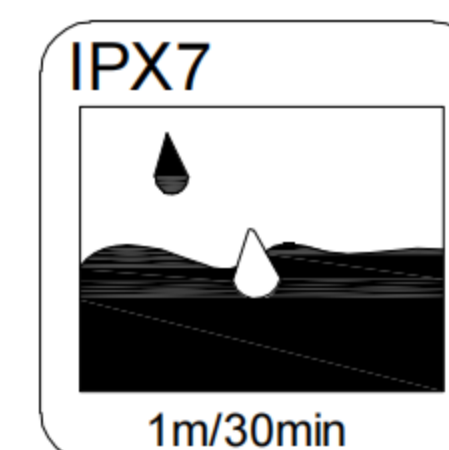
3



4

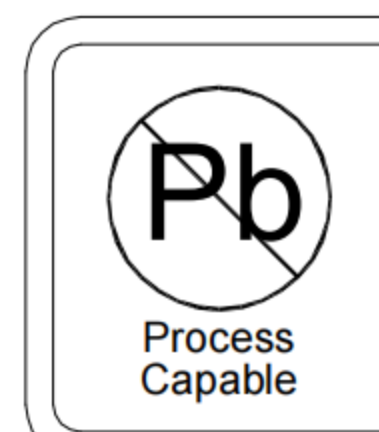


RECOMMENDED PCB LAYOUT  
TOLERANCE:±0.05



5

|     |                 |                          |                            |
|-----|-----------------|--------------------------|----------------------------|
| 1   | SHELL1          | HIGH TEMPERATURE PLASTIC | BLACK UL 94 V-0            |
| 2   | SHELL2          | STAINLESS STEEL          | Ni PLATED                  |
| 3   | MID PLATE       | STAINLESS STEEL          | —                          |
| 4   | HOUSING         | HIGH TEMPERATURE PLASTIC | BLACK UL 94 V-0            |
| 5   | TERMINALS       | COPPER ALLOY             | Au PLATING ON CONTACT AREA |
| 6   | WATERPROOF RING | SILICA GEL               | BLACK UL 94 V-0            |
| NO. | PARTS           | MATERIAL                 | REMARKS                    |



**RoHS**  
Compliant  
EU RoHS Standards



SCALE: 1:1 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=1.68 L=8.7mm

Molde Code: GT-USB-7042A

|       |         |          |            |
|-------|---------|----------|------------|
| DRAWN | CHECKED | APPROVED | DATE       |
| Xia   | Chen    | Chen     | 2023.02.31 |

品赞科技®  
**b-Switch**

REV: A0 SHEET: 1/1

### 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
- 8.Durability cycle:10,000 cycles
- 9.Waterproof grade: IP-X7

|       |     |     |       |        |    |    |        |       |     |     |       |
|-------|-----|-----|-------|--------|----|----|--------|-------|-----|-----|-------|
| 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 |       |     |     |       |