

Operation: DIP/板上立插式 6PIN 防水 Type-C(PD)快充连接器



LTEM NO.:MC-306FK (Series)

(L11.4×W5.6×H6.8 TYPEC-CONNECTORS)

板上插装 DIP

正向操作 DOWN

精密部品 NICETY

可靠 STABILIZE

適合環保 RoHS

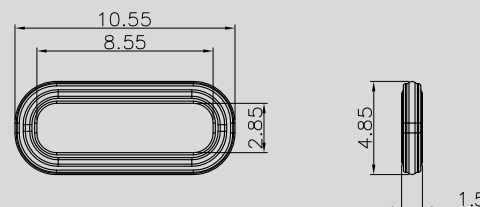
## Technical parameter

| LEVEL                 |                            | PROJECT                                      |                      |
|-----------------------|----------------------------|----------------------------------------------|----------------------|
|                       |                            | A[better product]                            | B[average product]   |
| Electrical Properties | Contact Rating             | 3.0A, 100V AC                                |                      |
|                       | Initial Contact Resistance | 100mΩ max.                                   |                      |
|                       | Insulation Resistance      | 100MΩ min.500V DC Skey/PD: 100MΩ min.300V DC |                      |
| Durable Performance   | Withstand Voltage          | 500V AC for 1 minute                         | 350 V AC for 1 minut |
|                       | There No Load              | 6,000 Cycles                                 | 5,000 Cycles         |
|                       | Rated Load                 | 5,000 Cycles                                 | 4,000 Cycles         |
| Storage temp.         |                            | -35℃~+75℃(Operating Temp: )                  |                      |
| Operating Force       |                            | IF:10. ON MAX. (EF:10. ON MIN.)              |                      |
| Heat Rrsistance       |                            | IR Reflow:255℃, 5sec. Manual:350℃, 3sec.     |                      |

## Material declaration

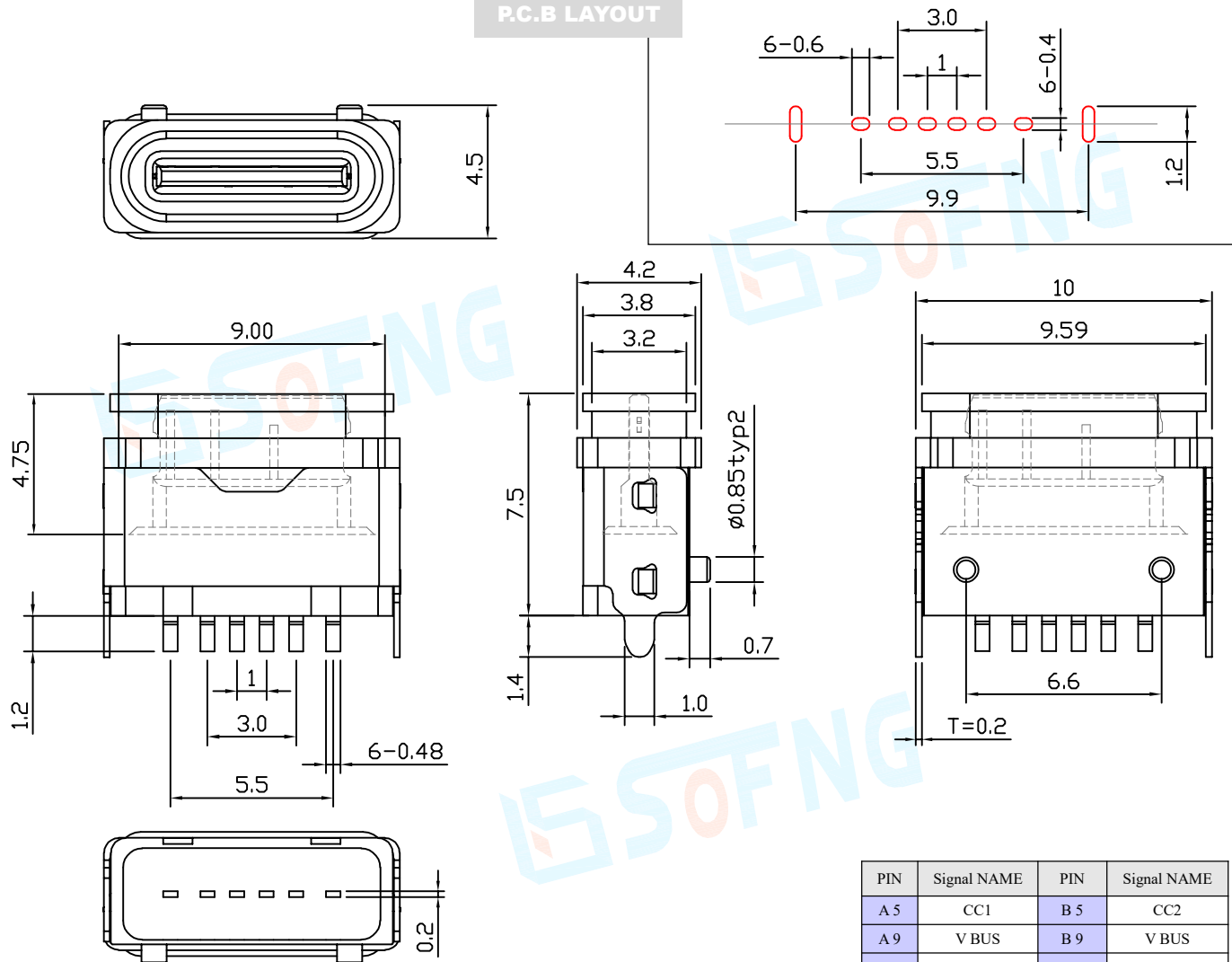
| No. | NAME  | Description                |
|-----|-------|----------------------------|
| ①   | 塑胶护套  | LCP 30%(Gray) 耐热塑胶 UL94V-0 |
| ②   | 接触端子  | 磷铜 C5191 (镀金 1u" /焊尾雾锡)    |
| ③   | 外壳    | 不锈钢 SUS304R-3/4H t=0.30mm  |
| ④   | 内芯补强片 | 不锈钢 SUS201                 |
| ⑤   | 胶芯    | LCP 30%(Gray) 耐热塑胶 UL94V-0 |

## 圆形防水环推荐尺寸



Unit:mm

## P.C.B LAYOUT



| PIN | Signal NAME | PIN | Signal NAME |
|-----|-------------|-----|-------------|
| A 5 | CC1         | B 5 | CC2         |
| A 9 | V BUS       | B 9 | V BUS       |
| A12 | GND         | B12 | GND         |

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