



NOTE:

- 1.MATERIAL SPECIFICATION:
 - 1.HOUSING: LCP,UL94 V-0.
 - 2.CONTACTS: COPPER ALLOY
 - 3.MID PLATE: STAINLESS STEEL
 - 4.SHELL: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
 - 2-1.CONTACTS:
Ni 50μ" MIN. UNDER PLATED OVER ALL.
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
GOLD FLASH PLATING ON SOLDER AREA
 - 2-2. SHELL:
Ni 30μ" MIN. UNDER PLATED OVER ALL.
- 3.MECHANICAL PERFORMANCE,
 - 3-1.INSERTION FORCE: 0.5~2.0kgf.
 - 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 - 3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
 - 4-1. CURRENT RATING:5A
VOLTAGE RATING:20V
 - 4-2.INSULATION RESISTANCE: 100MΩ MIN
 - 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
 - 4-4.LOW CONTACT RESISTANCE: INITIAL 40mΩ, AFTER 50mΩ
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -30°C~+80°C.
THE PEAK TEMPERATURE ON THE BOARD SHALL

| PIN | SIGNAL NAME | PIN | SIGNAL NAME |
|-----|-------------|-----|-------------|
| A1 | GND | B12 | GND |
| A4 | VBUS | B9 | VBUS |
| A5 | CC1 | B8 | SBU2 |
| A6 | Dp1 | B7 | Dn2 |
| A7 | Dn1 | B6 | Dp2 |
| A8 | SBU1 | B5 | CC2 |
| A9 | VBUS | B4 | VBUS |
| A12 | GND | B1 | GND |

| APPROVALS | | DATE |  | | |
|----------------|-------------------------------|----------------------------------|---|-------------|--------------|
| DRAWN | LIUCAN | 2024.5.9 | | | |
| CHECKED | | | TITLE: 高度10mm | | |
| APPROVALS | | | PART NO. TYPE-C-31-D-06B | | |
| TOLERANCES ARE | 30~以上 10~30 5~10 ~ 5 | ±0.30 ±0.25 ±0.20 ±0.15 | ANGLE ±2° | UNIT: mm | SCALE: 1:1 |
| | | | | DRAWING NO. | SHEET 1 OF 1 |

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| ECN NO. | REV. | DATE. | NEW | CHANGE. | CHECK. | APPRO. |