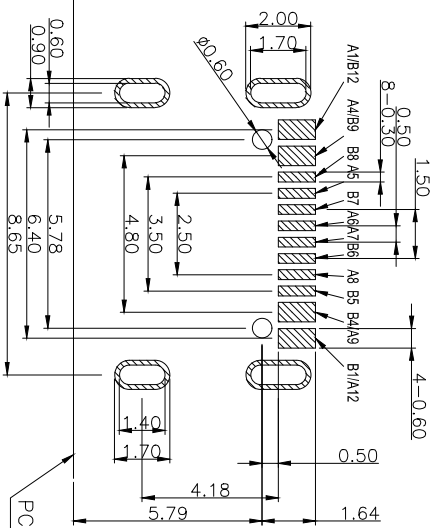
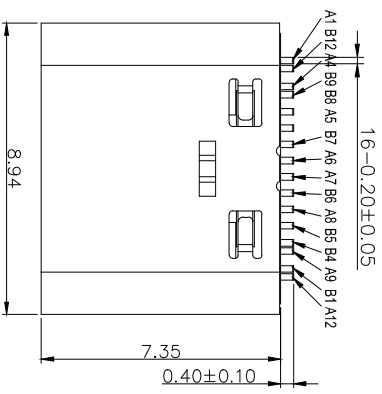


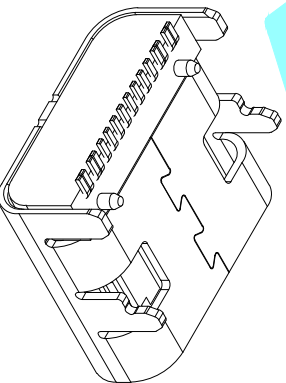
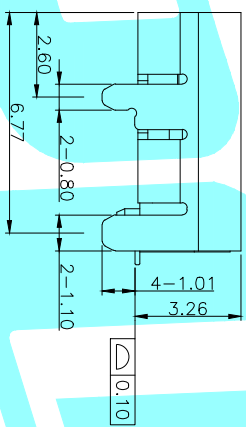
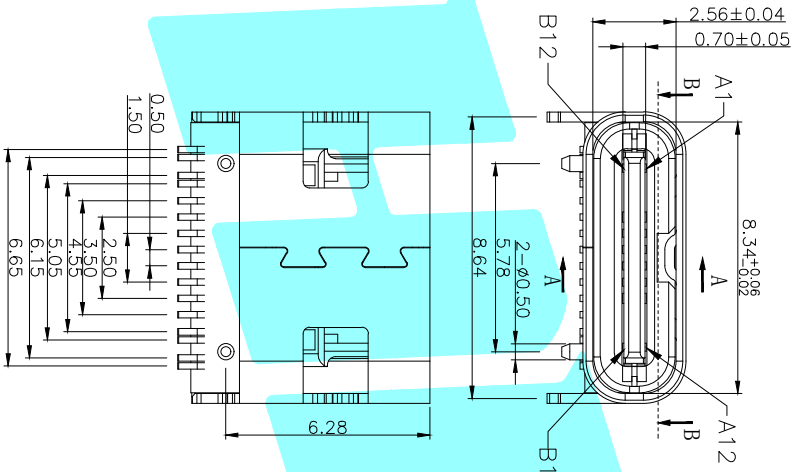


**EN:** This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at [www.hestore.hu](http://www.hestore.hu).



RECOMMEND P.C.B. LAYOUT (COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS ± 0.05



| 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         |

- NOTE:
- 1.MATERIAL SPECIFICATION: 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0. 2.CONTACTS:COPPER ALLOY 3.MID PLATE: 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.FRONT 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 4-2.INSULATION RESISTANCE: 100MΩ MIN 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
  5. ENVIRONMENTAL PERFORMANCE: 5. OPERATING TEMPERATURE: -30°C~+80°C. 6.IR REFLOW: THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

| APPROVALS      |       | DATE           |              | ELECTRONICS CO.,LTD |              |
|----------------|-------|----------------|--------------|---------------------|--------------|
| DRAWN          | LUCAN |                | 2020.12.08   | DETECTOR SWITCHS    |              |
| CHECKED        |       | TITLE:         |              | PART NO.            |              |
| APPROVALS      |       | TYPE-C-31-M-12 |              | SCALE: 1:1          |              |
| TOLERANCES ARE |       | 30~0.1L        | ±0.30        | ANGLE               | UNIT: mm     |
|                |       | 10~30          | ±0.20        |                     | SCALE: 1:1   |
|                |       | 5~10           | ±0.15        |                     | PROJ.        |
|                |       | ~ 5            | ±0.10        |                     | SHEET 1 OF 1 |
| ECN NO.        | REV.  | DATE.          | DESCRIPTION. | CHANGE.             | CHECK.       |
|                | A     |                | NEW          |                     |              |