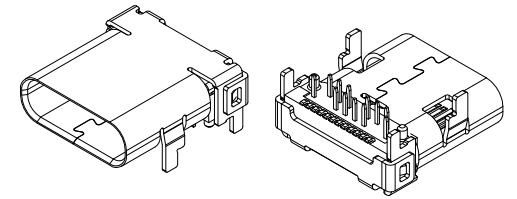
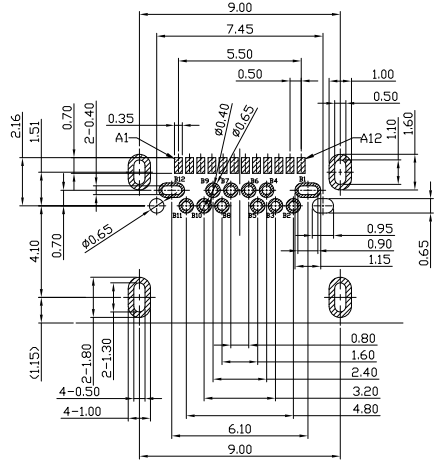
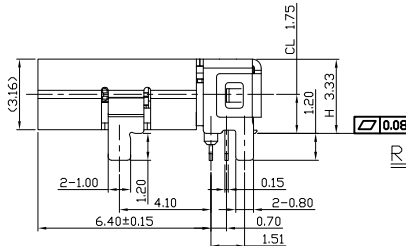
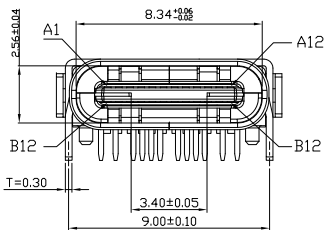
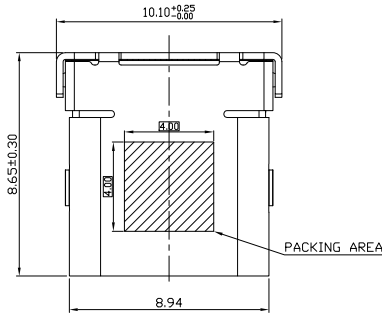




RoHS  
Compliant  
2002/95/EC

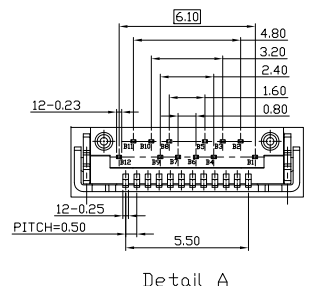
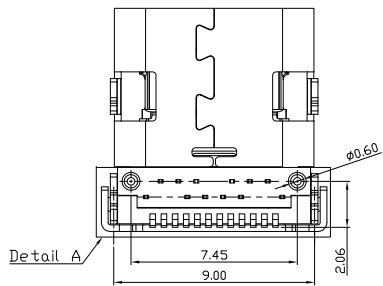
| REV. | ECN. | NO. | APPD. |
|------|------|-----|-------|
|      |      |     |       |
|      |      |     |       |



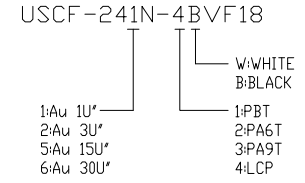
USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

| PIN | Signal Name | Description   | PIN | Signal Name | Description   |
|-----|-------------|---|-----|-------------|---|
| A1  | GND         | Ground return   | B12 | GND         | Ground return   |
| A2  | SSTXp1      | Positive half of first Super-Speed TX differential pair   | B11 | SSRXp1      | Positive half of first Super-Speed RX differential pair   |
| A3  | SSTXn1      | Negative half of first Super-Speed TX differential pair   | B10 | SSRXn1      | Negative half of first Super-Speed RX differential pair   |
| A4  | Vbus        | Bus Power   | B9  | Vbus        | Bus Power   |
| A5  | CC1         | Configuration Channel                                     | B8  | SBU2        | Sideband Use (SBU)  |
| A6  | Dp1         | Positive half of the USB 2.0 differential pair-Position 1 | B7  | Dn2         | Negative half of the USB 2.0 differential pair-Position 2 |
| A7  | Dn1         | Negative half of the USB 2.0 differential pair-Position 1 | B6  | Dp2         | Positive half of the USB 2.0 differential pair-Position 2 |
| A8  | SBU1        | Sideband Use(SBU)   | B5  | CC2         | Configuration Channel                                     |
| A9  | Vbus        | Bus Power   | B4  | Vbus        | Bus Power   |
| A10 | SSRXn2      | Negative half of second SuperSpeed RX differential pair   | B3  | SSTn2       | Negative half of second Super-Speed TX differential pair  |
| A11 | SSRXp2      | Positive half of second SuperSpeed RX differential pair   | B2  | SSTp2       | Positive half of second Super-Speed TX differential pair  |
| A12 | GND         | Ground return   | B1  | GND         | Ground return   |

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



- NOTES:
- ELECTRICAL CHARACTERISTICS:
    - CURRENT RATING: 5A FOR VBUS; 1.25A FOR GND PIN; 0.25A FOR OTHER PIN.
    - INSULATION RESISTANCE: 100MΩ Min
    - CONTACT RESISTANCE: 40mΩ Max.
    - WITHSTANDING VOLTAGE: 100V AC R.M.S.
    - OPERATING TEMPERATURE: -55°C ~ 85°C
  - MECHANICAL CHARACTERISTICS:
    - MATING FORCE: 5N~20N
    - UNMATED FORCE: 8N~20N AFTER TEST
    - DURABILITY: 10,000 CYCLES
  - DIMENSIONS MARKED "▼"  
TO BE CHECKED BY Q.C & IPQC.



Bill of materials:

| NO | PARTS   | MATERIAL        | QTY | FINISHING       | X.   | ±0.50 | X.*   | ±3' | UNITS  | mm       | 雅安科技有限公司<br>ACCURATE INNOTECH INC.                              |                               |       |      |          |
|----|---------|-----------------|-----|-----------------|------|-------|-------|-----|--------|----------|---|-------------------------------|-------|------|----------|
| 4  | SHIELD  | STAINLESS STEEL | 1   |                 | .X   | ±0.38 | .X*   |     | MAT'L  | SEE NOTE | TITLE:<br>USB 3.1 CF 板上 CL1.75 H3.33mm<br>L8.65mm DIP焊脚长度1.20mm | PART NO.:<br>USCF-24XN-4BVF18 |       |      |          |
| 3  | SHELL   | STAINLESS STEEL | 1   | PLATED NICKEL   | .XX  | ±0.25 | .XX*  |     | FINISH | SEE NOTE | DR: Ricky 2019/10/28  | DWG NO.:<br>AII-VF18          |       |      |          |
| 2  | CONTACT | COPPER ALLOY    | 24  | PLATED GOLD/TIN | .XXX | ±0.10 | .XXX* |     | Q'TY   |          | CHKD: Ricky 2019/10/28  | SCALE                         | SHEET | REV. | CUSTOMER |
| 1  | MOLDING | LCP+30%GF       | 1   | UL94V-0         |      |       |       |     |        |          | APPD:   | 1:1                           | 1/1   | B    | DRAWING  |
|    |         |                 |     |                 |      |       |       |     |        |          |   |                               |       |      |          |

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF ACCURATE INNOTECH INC AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF ACCURATE INNOTECH INC.