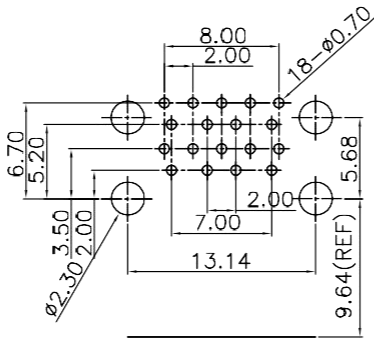
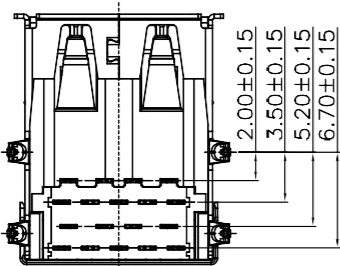
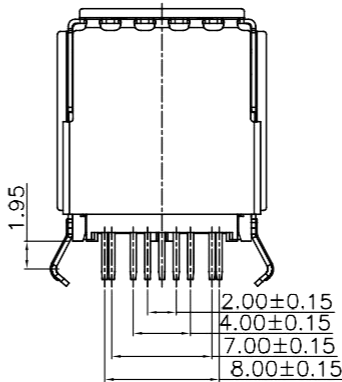
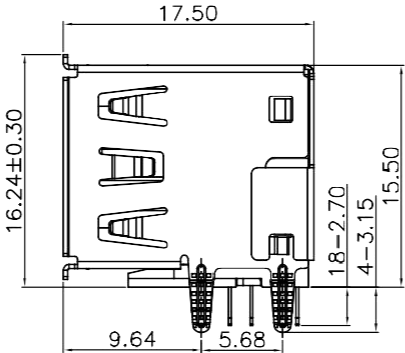
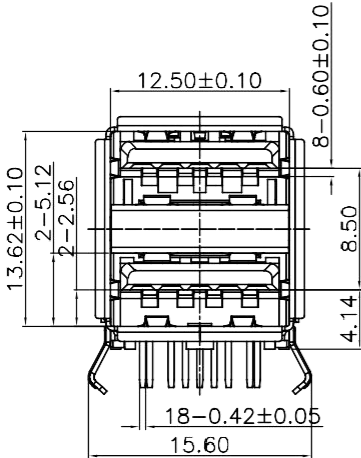
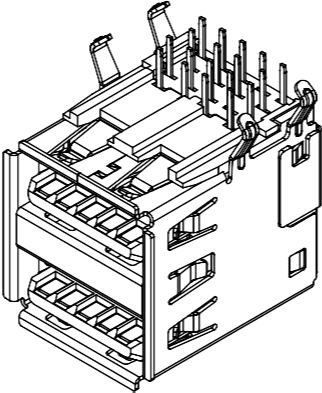
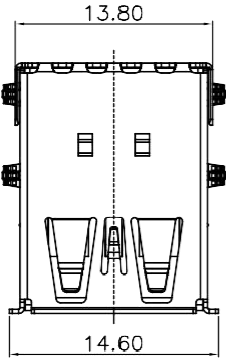


RoHS COMPLIANT



PCE LAYOUT REFERENCE

- NOTES:
- MATERIAL:
    - HOUSING:LCP,COLOR:BLUE,UL94V-0; PBT,COLOR:BLUE,UL94V-0
    - CONTATS:C2680 T=0.20mm
    - SHELL AND ISOLATED: SPCC; SUS201
  - FINISH:
    - CONTACT: GOLD PLATING ON CONTACT AREA, BRIGHT-TIN PLATING ON SOLDER TAILAREA, OVERALL UNDER PLATED WITH NICKEL.
    - SHELL: NICKEL PLATNG.
  - ELECRICAL CHARACTERISTICS:
    - Rated Voltage:30V AC.
    - Rating Current:PIN1&PIN4(Vbus&Correponding ground PIN)1.8A MAX Other PINS 0.25A min.
    - DIELECTRIC WITHSTANDING VOLTAGE: 100V AC.
    - Contact Resistance:PIN1&PIN4:30 mΩ MAX. Other PINS: 50 mΩ
    - INSULATION RESISTANCE:100MΩ MIN.
    - Mating Force:35N MAX.
    - Extraction force:5N Min
    - Life test:1500Cycles MIN.~
  - Temperature Range -30°C +80°C.
  - PART NO.: MTUB48-918 x x C-31A00
- HOUSING: 1:LCP 2:PBT
- PINS of SHELL: C:CURVED PINS
- SHELL AND ISOLATED: 1:SPCC 2:SUS201

| PIN No. | SIGNAL NAME | PIN No. | SIGNAL NAME |
|---------|-------------|---------|-------------|
| 1       | VBUS        | 6       | STDA_SSRX+  |
| 2       | D-          | 7       | GND_DRAIN   |
| 3       | D+          | 8       | STDA_SSTX-  |
| 4       | GND         | 9       | STDA_SSTX+  |
| 5       | STDA_SSRX-  | SHELL   | SHIELD      |

High quality connectors

M&T

MTCONN ELECTRONICS CO.,LTD

|       |       |        |     |                          |                                                    |
|-------|-------|--------|-----|--------------------------|----------------------------------------------------|
| DIM   | TOL   | DEC    | TOL | DRWN: SAM 2024-04-25     | PART NO.: MTUB48-918xxC-31A00                      |
| X.    | ±0.50 | X.*    | ±2° | CHKD: ALAN 2024-04-25    | TITLE: USB3.0 Female 90°DIP Double Row CURVED PINS |
| X.X   | ±0.35 | X.X*   | ±2° | APPD: WILLIAM 2024-04-25 | DRAWING NO.: MTUB48-918xxC-31A00                   |
| X.XX  | ±0.25 | X.XX*  | ±-- | SHEET: 1/1               | UNIT mm                                            |
| X.XXX | ±0.15 | X.XXX* | ±-- |                          | SCALE N/A                                          |
|       |       |        |     |                          | SIZE A4                                            |
|       |       |        |     |                          | REV A                                              |