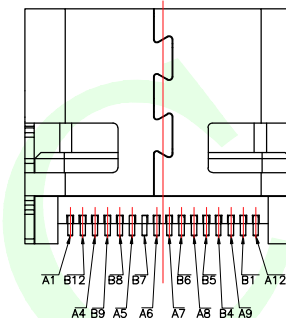
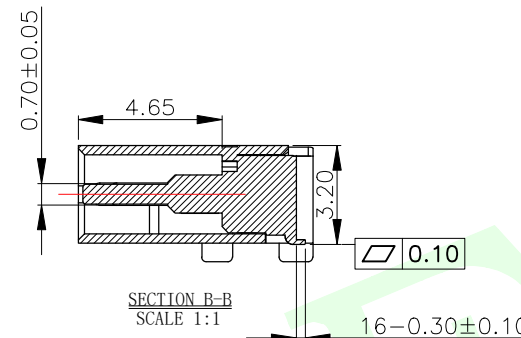
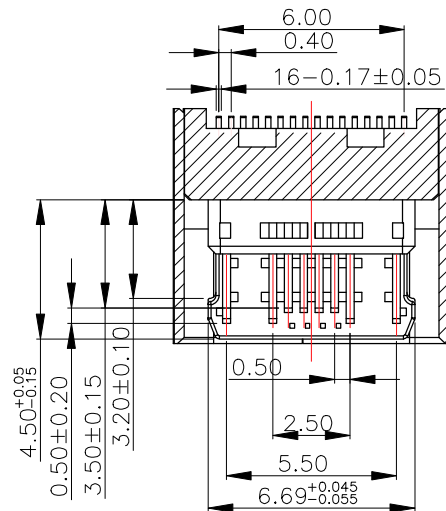
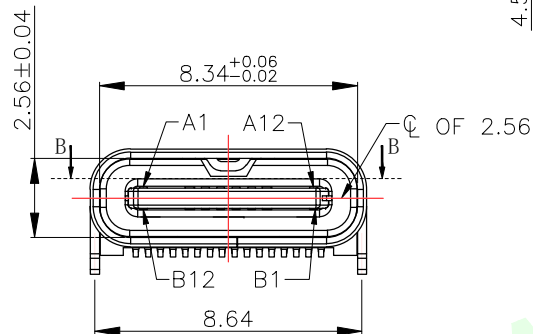
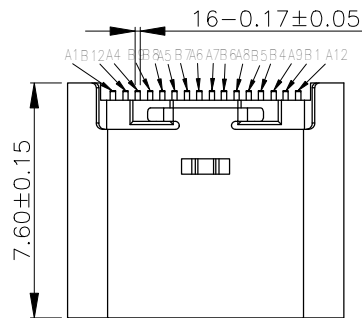


RoHS Compliant

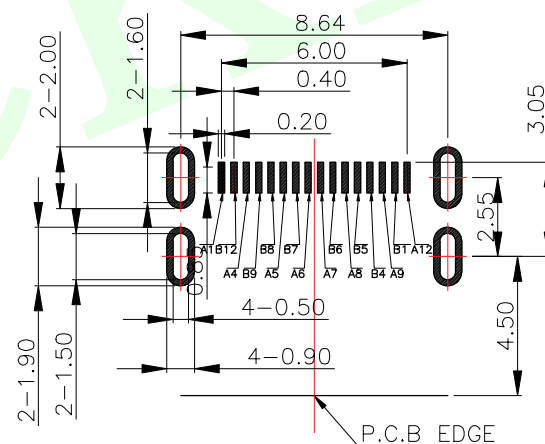
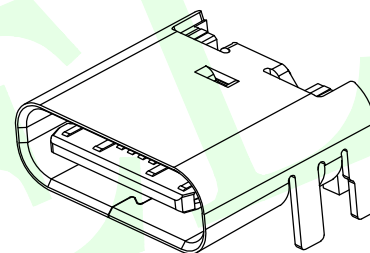
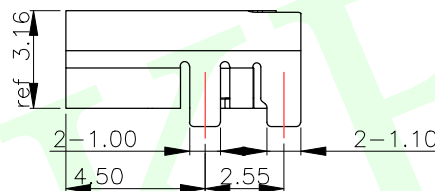


USB TYPE-C PIN ASSIGNMENTS

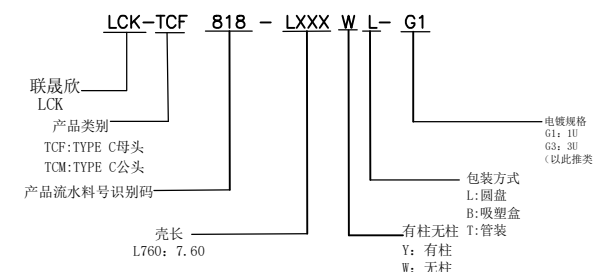
| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A4         | VBUS        | B9         | VBUS        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | 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.SHELL:STAINLESS STEEL
  - 4.MID PLATE: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
  - 2-1.CONTACTS:  
Ni 50u" 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 30u" 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:5.0A  
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.
- 6.IR REFLOW:  
THE PEAK TEMPERATURE ON THE BOARD SHALL  
BE MAINTAINED FOR 10 SECONDS AT 260°C.



RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$



|                     |                     |                         |                                        |             |                      |       |            |          |                             |
|---------------------|---------------------|-------------------------|----------------------------------------|-------------|----------------------|-------|------------|----------|-----------------------------|
| QUADRANT POINT (QP) | TANGENCY POINT (TP) | INTERSECTION POINT (IP) | UNLESS OTHERWISE SPECIFIED, TOLERANCE: | DESIGN      | Andy                 | DATE  | 2014.12.24 | TITLE:   | TYPE C 16PIN 单排板上7.60四脚插 无柱 |
| X.                  | $\pm 0.25$          | X.x                     | $\pm 0.20$                             | CHECKED     |                      | DATE  |            | APPROVED |                             |
| X.xx                | $\pm 0.15$          | ANGULAR                 | $\pm 3^\circ$                          | PART NO:    | LCK-TCF818-L760WL-G1 | REV:  | 04         | SCALE:   | 1:1                         |
|                     |                     |                         |                                        | DRAWING NO: | 102022120            | SIZE: | A4         | SHEET:   | 1/1                         |