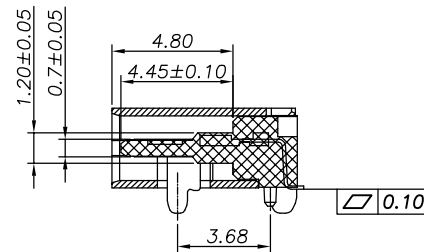
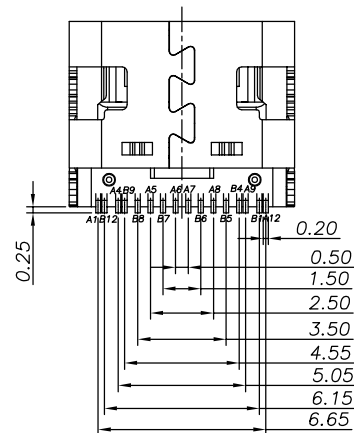
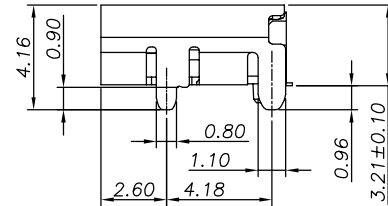
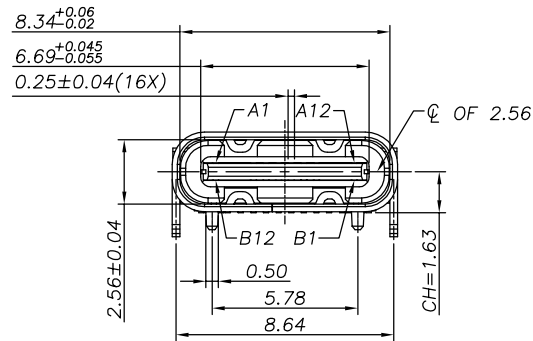
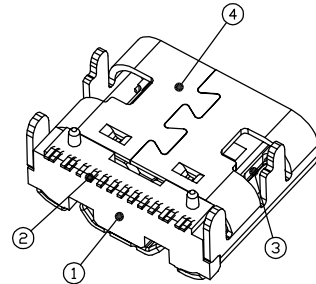
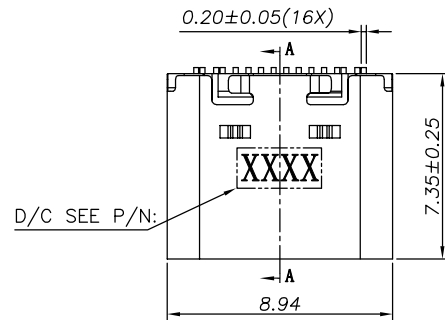


The product using material and processing must conform to the "WL-PZ-001"HSF technical standard control requirements

RoHS



SECTION:A-A

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.TERMINAL: COPPER ALLOY(C1814)
- 3.MID PLATE: STAINLESS STEEL(SUS301)
- 4.FRONT SHELL: STAINLESS STEEL(SUS304)

2.PLATING SPECIFICATION:

2-1.TERMINAL:

Ni 50u" MIN. UNDER PLATED OVER ALL.

Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.

(GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2.FRONT SHELL:

PLATING SPECIFICATIONS FOLLOW THE P/N

2-3.MID PLATE PLATE:

CLEAR ONLY

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. VOLTAGE RATING:20 V DC/AC (RMS. max)

CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;

1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.

SHIELD: 50mΩ/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

4-3.INSULATION RESISTANCE: 100MΩ MIN

4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25°C~+85°C.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL

BE MAINTAINED FOR 10 SECONDS AT 260°C.

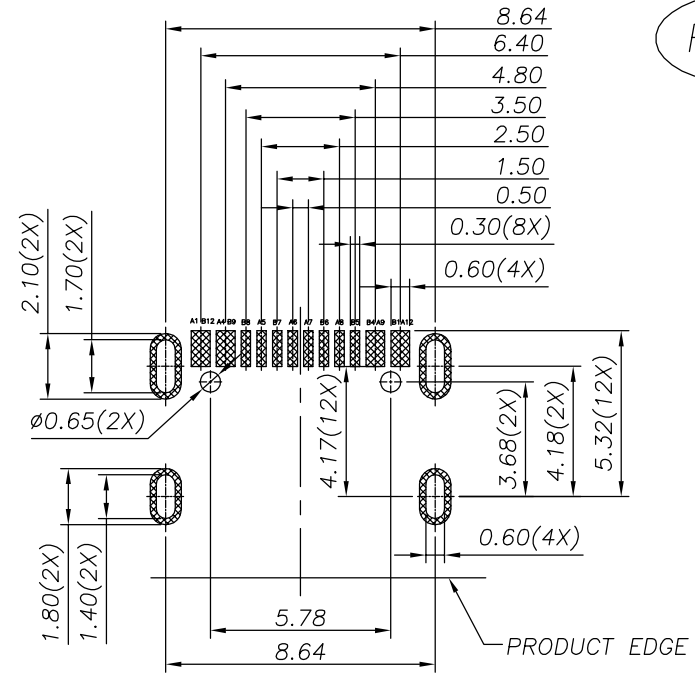
| REV. | REVISION RECORD | DATE     |          | GENERAL TOLERANCES |          | SCALE:   | NAME        | DATE     | PART.NO:                      | DWG.NO: |         |            |
|------|-----------------|----------|----------|--------------------|----------|----------|-------------|----------|-------------------------------|---------|---------|------------|
| A0   | NEW RELEASE     | 21.11.17 |          | LINEAR             | ANGLES   | 1:1      |             |          | WLT2F9-162XX0084              | ENDE05  |         |            |
|      |                 |          |          | 0.0±0.35           | X°REF±6° | APPROVED | Wang_jr     | 21.11.17 |                               |         |         |            |
|      |                 |          |          | 0.00±0.25          | X°±3°    | DESIGNER | Han_Gao     | 21.11.17 | TITLE:                        |         |         |            |
|      |                 |          | UNIT:mm  | 0.00±0.25          | X°±3°    |          |             |          | TYPE C 16P/F R/A SMT L=6.50mm |         | REV: A0 | SHEET: 1/3 |
|      |                 |          | SIZE: A4 | 0.000±0.10         | X°X' ±2° | DRAWN    | Zijun_Huang | 21.11.17 |                               |         |         |            |

The product using material and processing must conform to the "WL-PZ-001"HSF technical standard control requirements

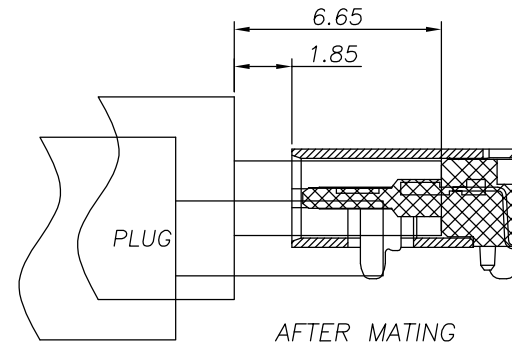
RoHS

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         |



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05



P/N:

WLT2F9-16 2 X X 0 107

Plating Contact

1-G/F

2-Au 3u"

3-AU 5u"

5-Au 15u"

6-Au 30u"

COLOR:

A-BLACK

| REV. | REVISION RECORD | DATE     |  | GENERAL TOLERANCES |            | SCALE:   | NAME        | DATE     | PART.NO:                                | DWG.NO: |         |            |
|------|-----------------|----------|--|--------------------|------------|----------|-------------|----------|-----------------------------------------|---------|---------|------------|
| A0   | NEW RELEASE     | 21.11.17 |  | LINEAR             | ANGLES     | 1:1      |             |          | WLT2F9-162XX0107                        | ENDE05  |         |            |
|      |                 |          |  | 0.0±0.35           | X°REF±6°   | APPROVED | Wang_jr     | 21.11.17 | TITLE:<br>TYPE C 16P/F R/A SMT L=7.35mm |         | REV: A0 | SHEET: 2/3 |
|      |                 |          |  | 0.00±0.25          | X°±3°      | DESIGNER | Han_Gao     | 21.11.17 |                                         |         |         |            |
|      |                 |          |  | SIZE: A4           | 0.000±0.10 | DRAWN    | Zijun_Huang | 21.11.17 |                                         |         |         |            |

