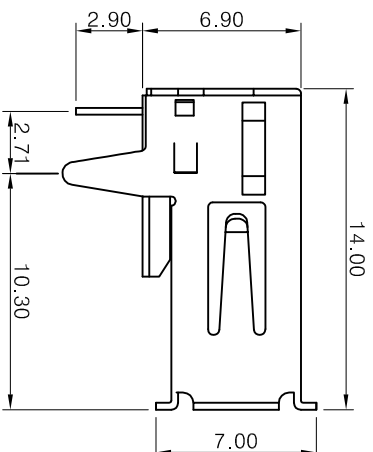
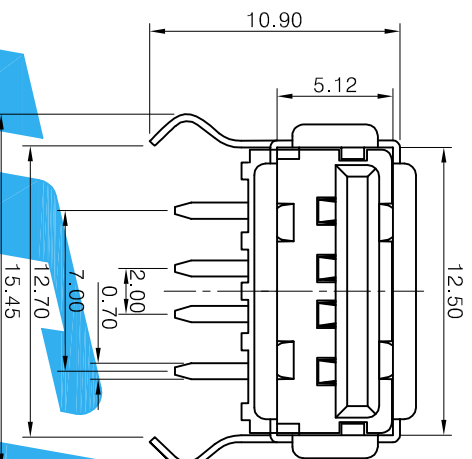




NOTES:

1. Material Specification:
  - 1) Insulator Material : High temperature plastic (See Part Number)
  - 2) Shell : Brass/SPCC
- Insulator Flammability : UL 94V-0
- Plating: Ni
- 3) Terminal : Copper Alloy
- Plating : Gold/Tin Plated
2. Electrical Characteristic:
  - 1) Insulation Resistance : 1 000M $\Omega$  Min.
  - 2) Contact Resistance : 30m $\Omega$  MAX.
  - 3) Withstanding Voltage: 500V AC 1minute
  - 4) Current Rating: 1.0 AMP
  - 5) Operating Temperature: -40°C ~ +105°C
3. Mechanical Characteristic:
  - 1) Insertion Force : 4.5Kgf Max.
  - 2) Extraction Force : (1.0~4.0)Kgf

Part Number:

431 2 4 2 X X X X 0 H

Series No.:

1-USB "A" Type

Connector Type:

2 - Female

Number of Contact:

4-4 PIN

Mounting options:

2- Right Angle solder

Plating Code :

- 1-Selective gold flash over nickel
- 3-Selective 0.075um gold over nickel
- 5-Selective 0.125um gold over nickel
- 6-Selective 0.25um gold over nickel
- 7-Selective 0.375um gold over nickel
- 8-Selective 0.75um gold over nickel

Packaging options:

- 1-Tube packaging PVC
- 3-pallet packaging

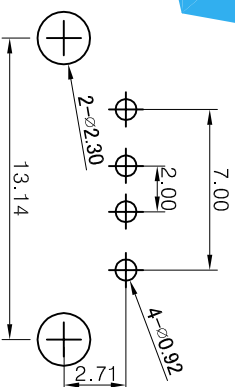
Insulator Color:

0-White 1-Black

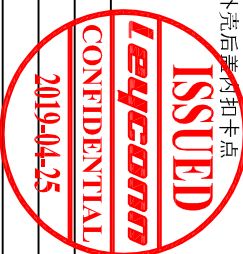
Material ( Insulator + shell ) :

- 1-PBT + Brass 2-LCP + Brass
- 4-PA46 + Brass A-PBT + SPCC
- B-LCP + SPCC D-PA46 + SPCC

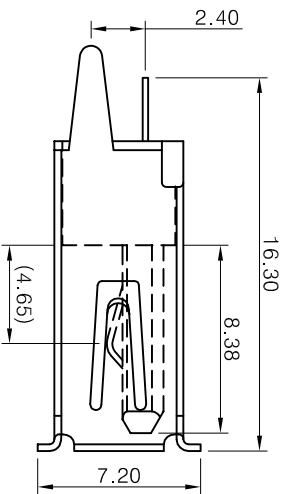
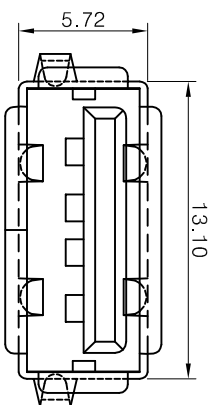
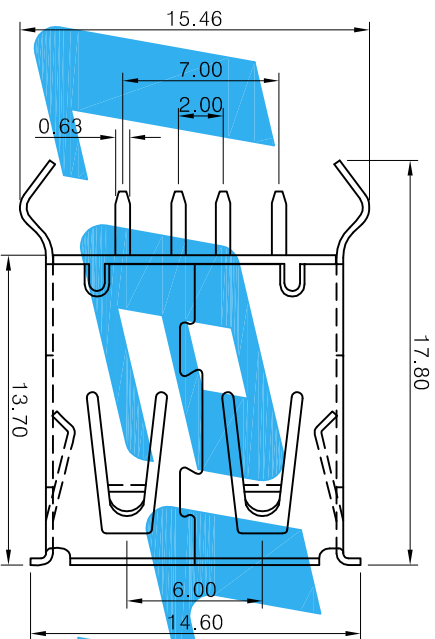
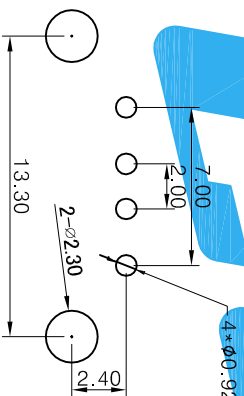
PCB Layout



外壳后盖内扣卡点



|     |   |  |   |  |                     |    |       |     |             |            |                                                                                                                                                                                                           |   |        |       |                     |              |     |   |
|-----|---|--|---|--|---------------------|----|-------|-----|-------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--------|-------|---------------------|--------------|-----|---|
| E   |   |  |   |  | Units               | mm | Scale | 3:1 | Drawing By  | Date       | <div><div>CONFIDENTIAL</div><div>2019-04-25</div></div> <div><b>LEYCONN</b><br/>LEYCONN ELECTRONICS CO.,LTD.<br/>深圳市联益康电子有限公司<br/>TEL: +86(755)26078616    FAX: 26070522<br/>Http://www.leyconn.com</div> |   |        |       |                     |              |     |   |
| D   |   |  |   |  | Tolerance Unless    |    |       |     | L in-Wu     | 2019/04/25 | Sheet                                                                                                                                                                                                     |   | 1 of 1 | Title | USB A/F RA Type 内扣型 |              |     |   |
| C   |   |  |   |  | Otherwise Specified |    |       |     | Revised By  | Date       | Third Angle Projection                                                                                                                                                                                    |   |        |       | Part No.            | 431242XXXX0H | REV | A |
| F   |   |  |   |  | .X ~ ±0.30          |    |       |     | Hui-Wen     | 2019/04/25 |                                                                                                                                                                                                           |   |        |       |                     |              |     |   |
| B   |   |  |   |  | .XX ~ ±0.25         |    |       |     | Approval By | Date       |                                                                                                                                                                                                           |   |        |       |                     |              |     |   |
| A   |   |  |   |  | .XXX ~ ±0.20        |    |       |     |             |            |                                                                                                                                                                                                           |   |        |       |                     |              |     |   |
| REV |   |  |   |  | Angle ~ ± 3°        |    |       |     | Kirby-Xiao  | 2019/04/25 |                                                                                                                                                                                                           |   |        |       |                     |              |     |   |
|     | 1 |  | 2 |  |                     |    |       |     | 4           |            |                                                                                                                                                                                                           | 6 |        |       | 7                   |              |     | 8 |



LAYOUT P.C.B

NOTES:

1. Material Specification:

1) Insulator Material : High temperature plastic

(See Part Number)

Insulator Flammability : UL 94V-0

2) Shell : Brass/SPCC

Plating: Ni

3) Terminal : Copper Alloy

Plating : Gold/Tin Plated

2. Electrical Characteristic:

1) Insulation Resistance : 1000MΩ Min.

2) Contact Resistance : 30mΩ MAX.

3) Withstanding Voltage: 500V AC /minute

4) Current Rating: 1.0 AMP

5) Operating Temperature: -40°C ~ +105°C

3. Mechanical Characteristic:

1) Insertion Force : 4.5Kgf Max.

2) Extraction Force : (1.0~4.0)Kgf

Part Number:

431 2 4 1 X X X X 0 H

Series No.:

1-USB A Type

Connector Type:

2 - Female

Number of Contact:

4-4 PIN

Mounting options:

1 - Straight solder

Plating Code :

1 - Selective gold flash over nickel

3 - Selective 0.075um gold over nickel

5 - Selective 0.125um gold over nickel

6 - Selective 0.25um gold over nickel

7 - Selective 0.375um gold over nickel

8 - Selective 0.75um gold over nickel

Packaging options:

1 - Tube packaging PVC

3 - pallet packaging

Insulator Color:

0 - White 1 - Black

Material ( Insulator + shell ) :

1 - PBT + Brass 2 - LCP + Brass

4 - PA46 + Brass A - PBT + SPCC

B - LCP + SPCC D - PA46 + SPCC



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LEYCONN ELECTRONICS CO.,LTD.  
深圳市联益康电子有限公司

Http://www.leyconn.com

TEL: +86(755)26078616 FAX: 26070522

Sheet 1 of 1

Third Angle Projection

Title USB A/F DIP Type L13.7

Part No. 431241XXXX0H

REV A

2019-04-25

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Sheet 1 of 1

Third Angle Projection

Title USB A/F DIP Type L13.7

Part No. 431241XXXX0H

REV A