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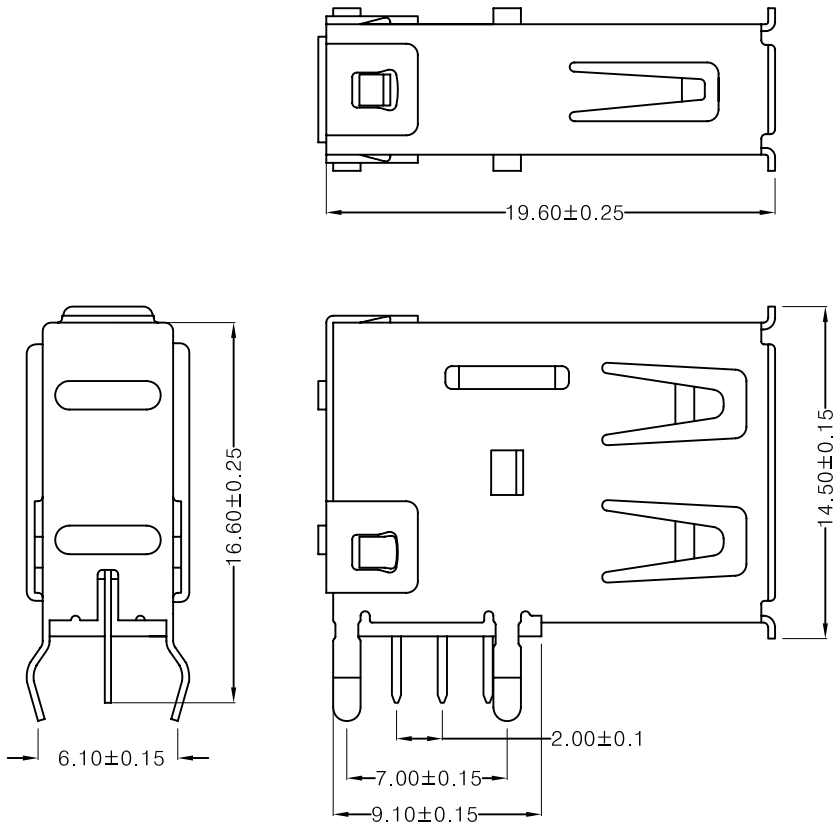
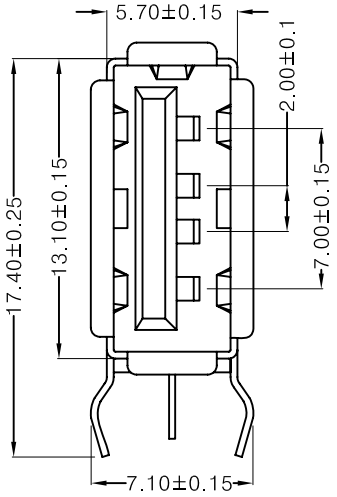
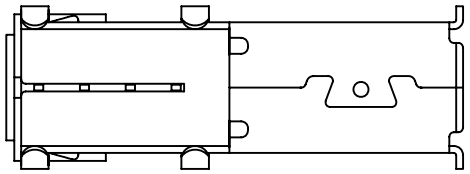
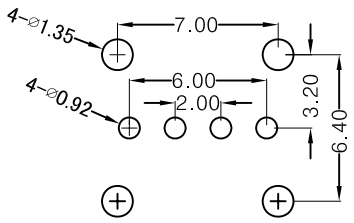
RoHS






PCB Layout

NOTES:

1.Material Specification:
- 1) Insulation Material : High temperature plastic (See Part Number)
  - Insulation 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

C1 B1 Part Number:

431 2 4 6 X X X X 0 0

- Series No.: 1-USB"A"Type
- Connector Type: 2- Female
- Number of Contact: 4-4 PIN
- Mounting options: 6- Side 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
- Material ( Insulator + shell ) :
  - 1-PBT + Brass 2-LCP + Brass
  - 4-PA46 + Brass A-PBT + SPCC
  - B-LCP + SPCC D-PA46 + SPCC
- Insulator Color: 0-White 1-Black
- Packaging options:
  - 1-Tube packaging PVC
  - 3-pallet packaging

ISSUED
Leyconn
CONFIDENTIAL
2013-12-30

| REV | DESCRIPTION. | Date |
|---|---|---|
| E | | |
| D | | |
| C | Modified sizes,pls check with C1,details as shown. | 30/12/13 |
| B | Modified sizes,pls check with B1,details as shown. | 08/09/12 |
| A | RELEASED | 18/11/11 |

| | | | |
|---|---|---|---|
| Units | mm | Scale | 3:1 |
| Tolerance Unless Otherwise Specified | | | |
| .X ~ ±0.30 | | | |
| .XX ~ ±0.25 | | | |
| .XXX ~ ±0.20 | | | |
| Angle ~ ± 3° | | | |

| | | |
|---|---|---|
| Drawing By | Kirby-Xiao | Date 2013/12/30 |
| Reviwed By | Luli-Liu | Date 2013/12/30 |
| Approval By | Darren-Zhang | Date 2013/12/30 |

Leyconn
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Sheet 1 of 1

Third Angle Projection

Title: USB A TYPE Female 90°DIP(长体侧插式)

Part No. 431246XXXX00 REV C