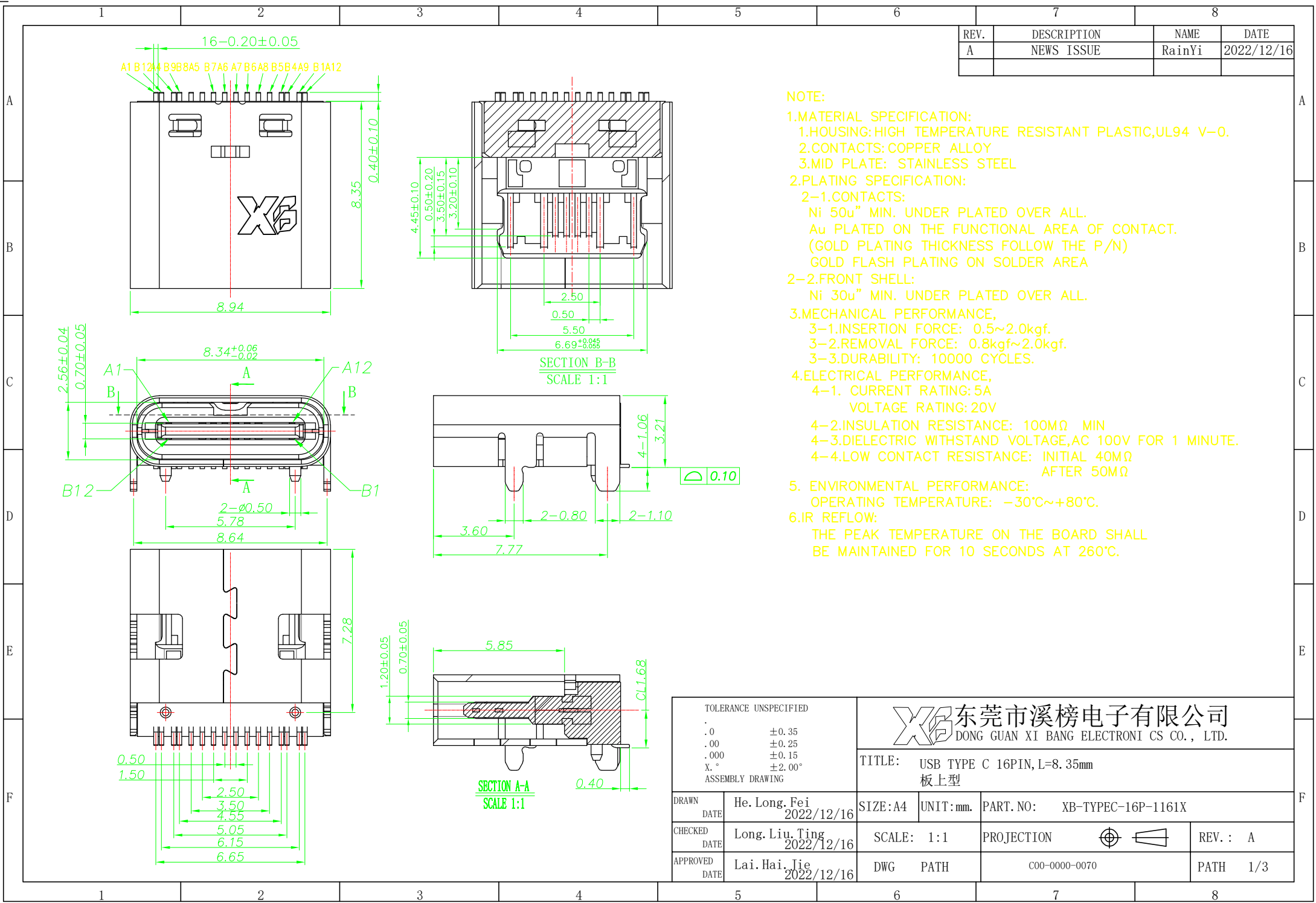




| REV. | DESCRIPTION | NAME   | DATE       |
|------|-------------|--------|------------|
| A    | NEWS ISSUE  | RainYi | 2022/12/16 |

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.CONTACTS:COPPER ALLOY
- 3.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:5A

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℃~+80℃.

6.IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL  
BE MAINTAINED FOR 10 SECONDS AT 260℃.

TOLERANCE UNSPECIFIED

|                  |        |
|------------------|--------|
| .0               | ±0.35  |
| .00              | ±0.25  |
| .000             | ±0.15  |
| X.°              | ±2.00° |
| ASSEMBLY DRAWING |        |

**X6** 东莞市溪榜电子有限公司  
DONG GUAN XI BANG ELECTRONICS CO., LTD.

TITLE: USB TYPE C 16PIN, L=8.35mm  
板上型

|                  |                               |            |               |           |                    |         |  |
|------------------|-------------------------------|------------|---------------|-----------|--------------------|---------|--|
| DRAWN<br>DATE    | He. Long. Fei<br>2022/12/16   | SIZE: A4   | UNIT: mm.     | PART. NO: | XB-TYPEC-16P-1161X |         |  |
| CHECKED<br>DATE  | Long. Liu. Ting<br>2022/12/16 | SCALE: 1:1 | PROJECTION    |           |                    | REV.: A |  |
| APPROVED<br>DATE | Lai. Hai. Jie<br>2022/12/16   | DWG PATH   | C00-0000-0070 |           | PATH 1/3           |         |  |

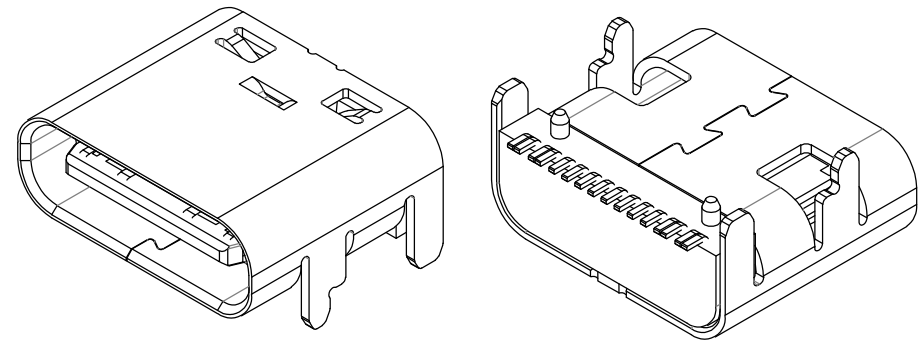
| REV. | DESCRIPTION | NAME   | DATE       |
|------|-------------|--------|------------|
| A    | NEWS ISSUE  | RainYi | 2022/12/16 |
|      |             |        |            |

7.P/N: XB-TYPEC-16P-1161X

16:16 PIN

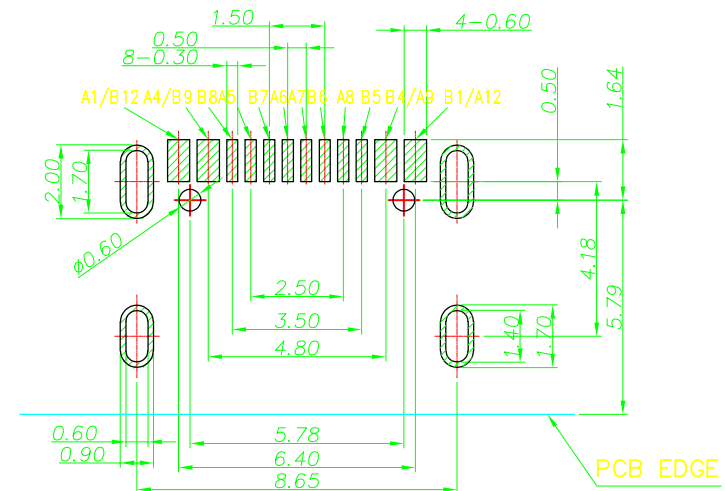
B:Black  
N:NATURE

K: GOLD FLASH PLATING ON CONTACT AREA,  
GOLD FLASH PLATING ON SOLDER AREA

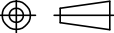


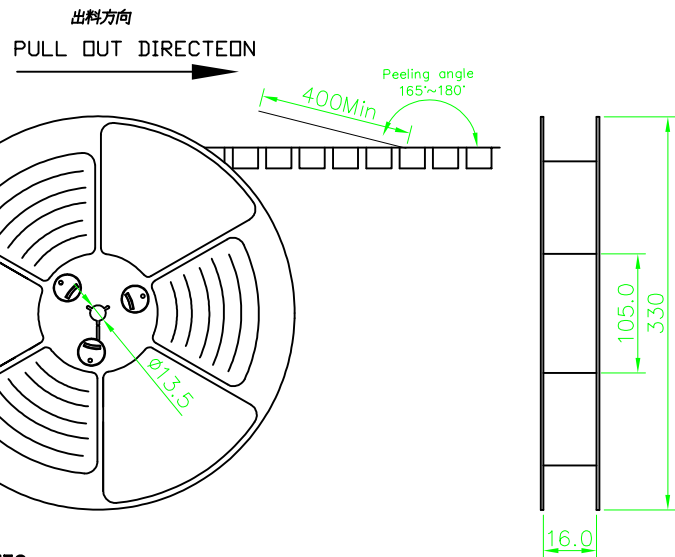
#### USB TYPE-C PIN ASSIGNMENTS

| 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         |

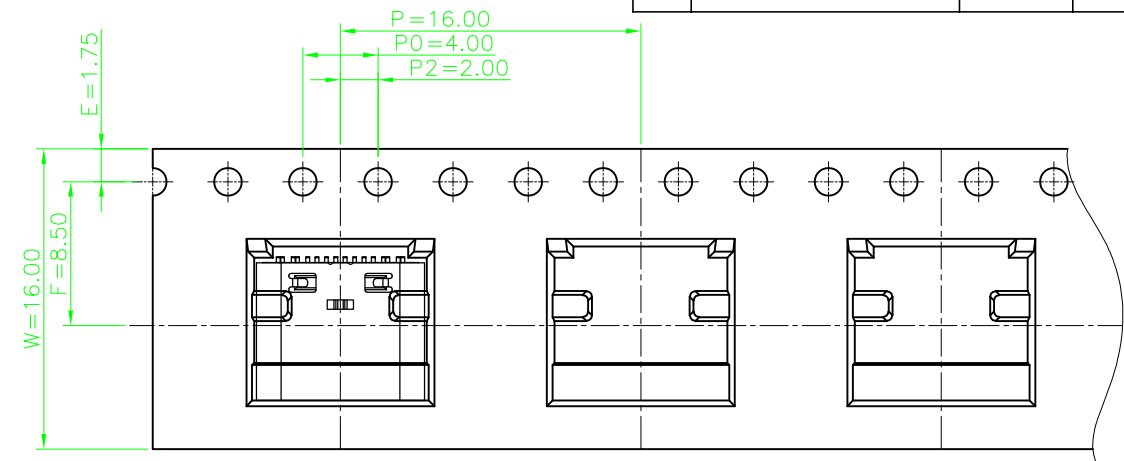


RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS  $\pm 0.05$

|                                                                                                                         |                               |                                                                   |                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| TOLERANCE UNSPECIFIED<br>.0 $\pm 0.35$<br>.00 $\pm 0.25$<br>.000 $\pm 0.15$<br>X.° $\pm 2.00^\circ$<br>ASSEMBLY DRAWING |                               | <b>XGB</b> 东莞市溪榜电子有限公司<br>DONG GUAN XI BANG ELECTRONICS CO., LTD. |                                                                                                  |
| TITLE: USB TYPE C 16PIN, L=8.35mm<br>板上型                                                                                |                               | PART. NO: XB-TYPEC-16P-1161X                                      |                                                                                                  |
| DRAWN<br>DATE                                                                                                           | He. Long. Fei<br>2022/12/16   | SIZE: A4                                                          | UNIT: mm.                                                                                        |
| CHECKED<br>DATE                                                                                                         | Long. Liu. Ting<br>2022/12/16 | SCALE: 1:1                                                        | PROJECTION  |
| APPROVED<br>DATE                                                                                                        | Lai. Hai. Tie<br>2022/12/16   | DWG PATH                                                          | C00-0000-0070                                                                                    |
|                                                                                                                         |                               | REV.: A                                                           |                                                                                                  |
|                                                                                                                         |                               | PATH 2/3                                                          |                                                                                                  |



| REV. | DESCRIPTION | NAME   | DATE       |
|------|-------------|--------|------------|
| A    | NEWS ISSUE  | RainYi | 2022/12/16 |

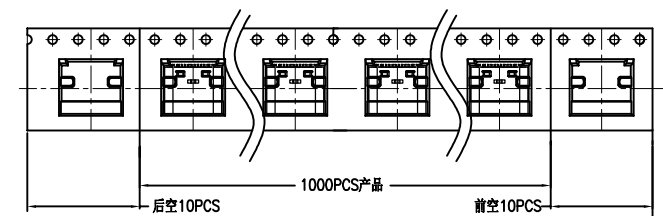


NOTES

1.帶子引導長度  
LEAD TAPE LENGTH

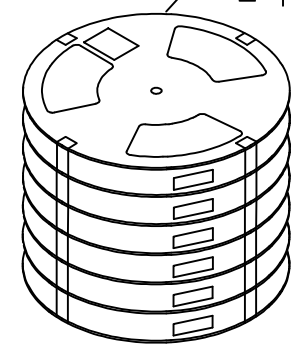
出料方向  
PULL OUT DIRECTEON

出料方向  
PULL OUT DIRECTEON



2.上帶 剝力力為: 0.1~1.3N(10.2gf~130gf)  
PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)  
出貨'運輸過程中一定注意:  
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:  
卷帶在運輸過程中不能散開  
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION

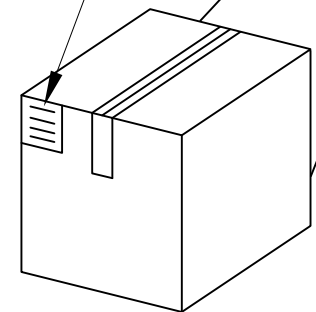
TAPE & REEL 10 PCS  
1 REEL  
= 1000 PCS



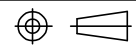
BOX

DIMENSIONS:  
33.5X33.5X30.5

LABEL



1 CARTON  
=14 REELS  
=14000 PCS

|                                                                                                    |                               |                                                                  |                                                                                                          |
|----------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| TOLERANCE UNSPECIFIED<br>· 0 ±0.35<br>· 00 ±0.25<br>· 000 ±0.15<br>X. ° ±2.00°<br>ASSEMBLY DRAWING |                               | <b>XB</b> 东莞市溪榜电子有限公司<br>DONG GUAN XI BANG ELECTRONICS CO., LTD. |                                                                                                          |
| TITLE: USB TYPE C 16PIN, L=8.35mm<br>板上型                                                           |                               | SIZE: A4                                                         | UNIT: mm.                                                                                                |
| DRAWN<br>DATE                                                                                      | He. Long. Fei<br>2022/12/16   | PART. NO:                                                        | XB-TYPEC-16P-1161X                                                                                       |
| CHECKED<br>DATE                                                                                    | Long. Liu. Ting<br>2022/12/16 | SCALE: 1:1                                                       | PROJECTION  REV.: A |
| APPROVED<br>DATE                                                                                   | Lai. Hai. Jie<br>2022/12/16   | DWG PATH                                                         | C00-0000-0070 PATH 3/3                                                                                   |

| 包裝明細表 (The detail of the packing) |                         |             |         |                |          |          |
|-----------------------------------|-------------------------|-------------|---------|----------------|----------|----------|
| 產品料號<br>(Product No.)             | 包裝容量 (Packing Capacity) |             |         | 重量 Weight (Kg) |          |          |
|                                   | pcs/box                 | boxs/Carton | Pcs/Box | N.W./Pcs       | N.W./Box | G.W./Box |
| UCR06-0161X-00XR                  | 1000                    | 14          | 14000   | ----           | ----     | ----     |