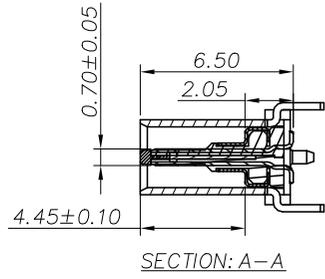
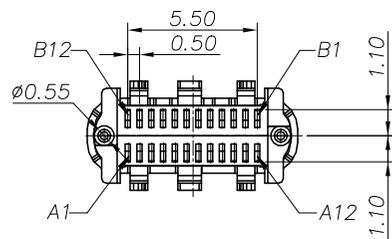
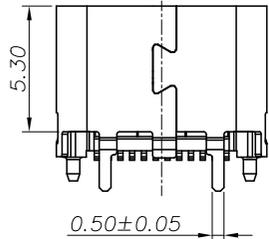
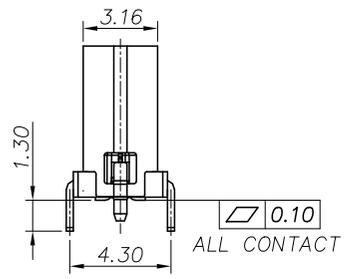
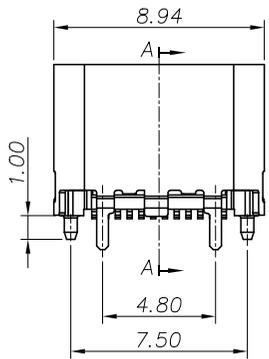
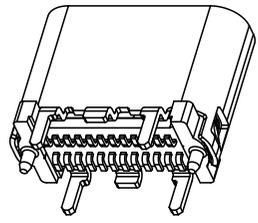
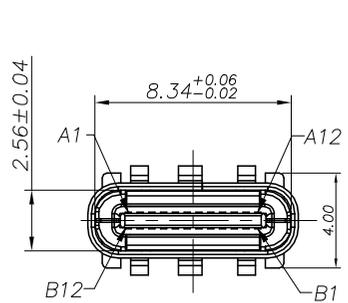


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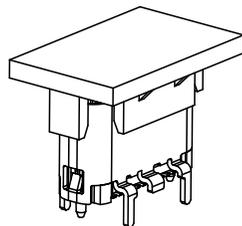
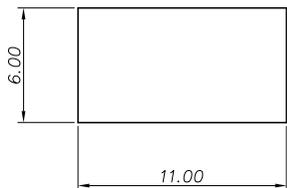


NOTES:  
 1.MATERIAL SPECIFICATION:  
 1.HOUSING: LCP,UL94 V-0.  
 2.TERMINAL: COPPER ALLOY  
 3.MID PLATE: STAINLESS STEEL  
 4.FRONT SHELL: STAINLESS STEEL  
 5.EMI PLATE: STAINLESS STEEL  
 2.PLATING SPECIFICATION:  
 2-1.TERMINAL:  
 Ni 50u" MIN. UNDER PLATED OVER ALL.  
 Au PLATED ON THE FUNCTIONAL 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&EMI 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: 5 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: 40mA/PIN MAX.  
 SHIELD: 50mA/MAX.  
 LLCR MAX. CHANGE OF ALL PINS: 10mA  
 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.  
 7.P/N Order:

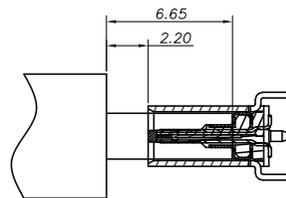
UCB1H-24BBO 1 A N L-H01  
 PIN NUMBER: 24PIN  
 CONTACT: 1: G/F CONTACT AREA  
 H:HF  
 PACK: L:TAPE REEL  
 COLOR: A:Black

| REV. | REVISION RECORD | DATE        | GENERAL TOLERANCES | SCALE    | NAME | DATE        | PART NO.  | DWG NO. |     |
|------|-----------------|-------------|--------------------|----------|------|-------------|---|---------|-----|
| A0   | NEW RELEASE     | 2021. 8. 17 |                    | LINEAR   |      |             |   |         |     |
|      |                 |             | 0.0±0.30           | APPROVED | -    | -           | TITLE<br>TYPE CF 24P VERTICAL (H=6.5)<br>TAIL LENGTH=1.30MM |         |     |
|      |                 |             | 0.00±0.20          | DESIGNER |      |             |   | REV     |     |
|      |                 |             | 0.000±0.10         | DRAWN    | GSQ  | 2021. 8. 17 |   | SHEET   | 1/3 |

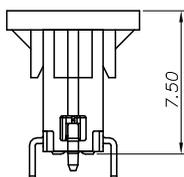
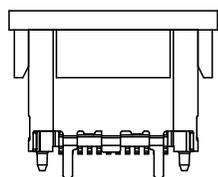
HF



WITH PICK UP COVER

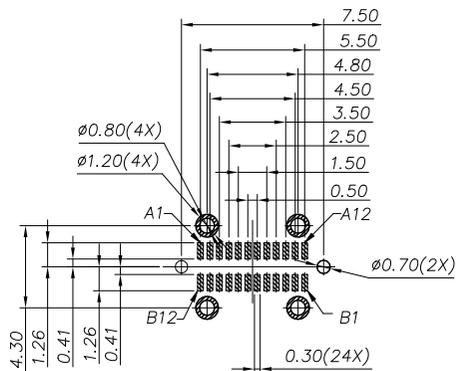


AFTER MATING



USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A2         | SSTXp1      | B11        | SSRXp1      |
| A3         | SSTXn1      | B10        | SSRXn1      |
| A4         | Vbus        | B9         | Vbus        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | Vbus        | B4         | Vbus        |
| A10        | SSRXn2      | B3         | SSTXn2      |
| A11        | SSRXp2      | B2         | SSTXp2      |
| A12        | GND         | B1         | GND         |



RECOMMENDED PCB LAYOUT(TOP VIEW)  
DEFAULT TOLERANCE: ±0.05

| REV. | REVISION RECORD | DATE        |          | GENERAL TOLERANCES |            | SCALE    | NAME | DATE        | PART NO.  | DWG NO. |  |  |  |  |          |     |             |                     |
|------|-----------------|-------------|----------|--------------------|------------|----------|------|-------------|---|---------|--|--|--|--|----------|-----|-------------|---------------------|
| A0   | NEW RELEASE     | 2021. 8. 17 |          | LINEAR             | ANGLES     | 1:1      |      |             |   |         |  |  |  |  | APPROVED | SKY | 2021. 8. 17 | UCB1H-24BB01ANL-H01 |
|      |                 |             | UNIT: MM | 0.00±0.20          | X. X° ±8°  | DESIGNER | -    | -           | TITLE<br>TYPE CF 24P VERTICAL (H=6.5)<br>TAIL LENGTH=1.30MM |         |  |  |  |  | REV      | A0  | SHEET       | 2/3                 |
|      |                 |             | SIZE: A0 | 0.000±0.10         | X. XX° ±5° | DRAWN    | GSQ  | 2021. 8. 17 |   |         |  |  |  |  |          |     |             |                     |

1

2

3

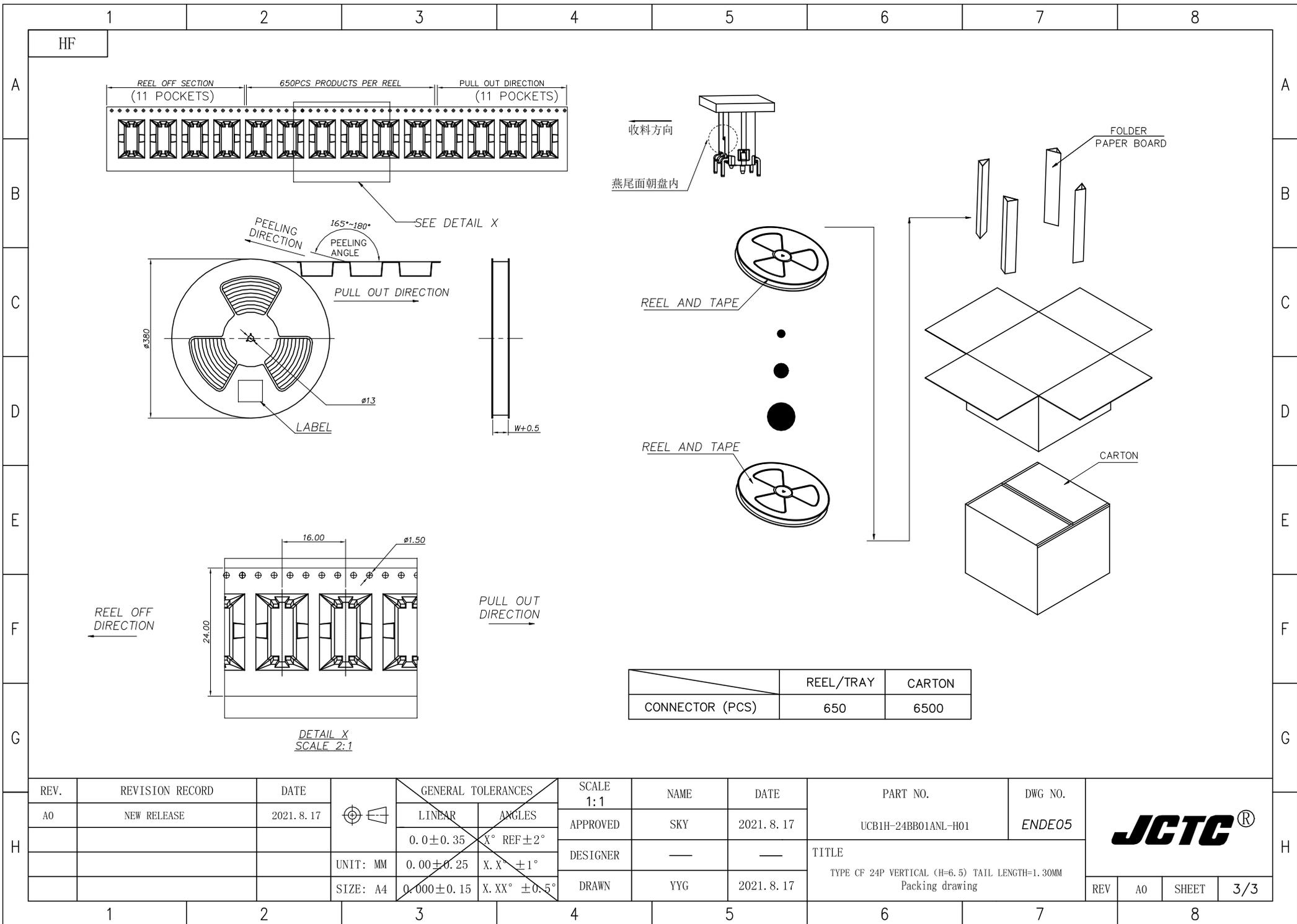
4

5

6

7

8



|      |                 |             |          |                    |             |           |      |             |  |         |       |     |
|------|-----------------|-------------|----------|--------------------|-------------|-----------|------|-------------|--|---------|-------|-----|
| REV. | REVISION RECORD | DATE        |          | GENERAL TOLERANCES |             | SCALE 1:1 | NAME | DATE        | PART NO.   | DWG NO. |       |     |
| A0   | NEW RELEASE     | 2021. 8. 17 |          | LINEAR             | ANGLES      | APPROVED  | SKY  | 2021. 8. 17 | UCB1H-24BB01ANL-H01  | ENDE05  |       |     |
|      |                 |             | 0.0±0.35 | X° REF±2°          | DESIGNER    | —         | —    | TITLE       |  |         |       |     |
|      |                 |             | UNIT: MM | 0.00±0.25          | X.X° ±1°    | DRAWN     | YYG  | 2021. 8. 17 | TYPE OF 24P VERTICAL (H=6.5) TAIL LENGTH=1.30MM<br>Packing drawing |         |       |     |
|      |                 |             | SIZE: A4 | 0.000±0.15         | X.XX° ±0.5° |           |      |             | REV  | A0      | SHEET | 3/3 |