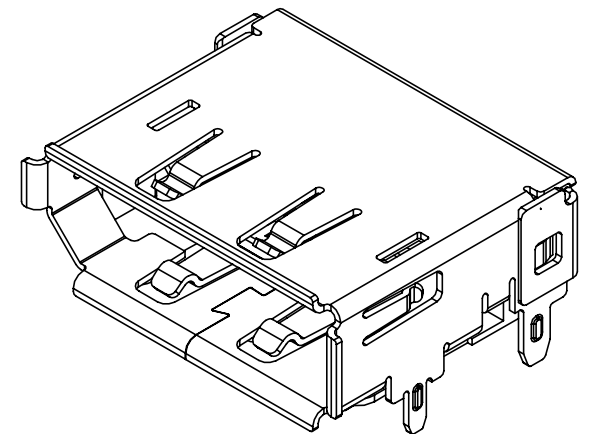
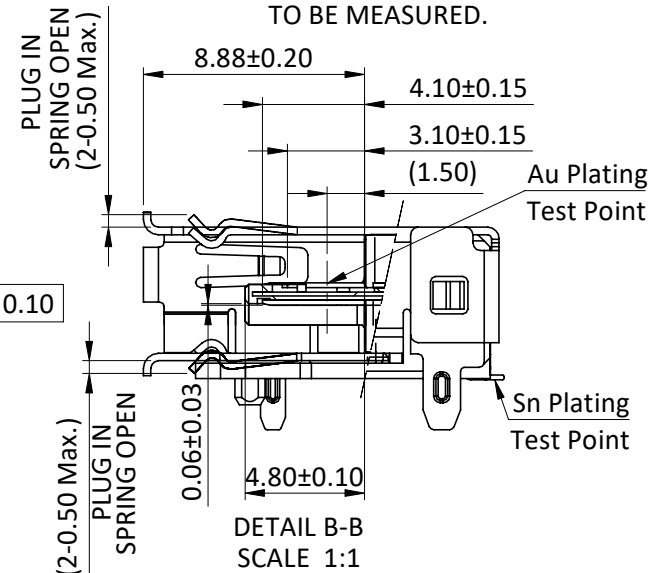
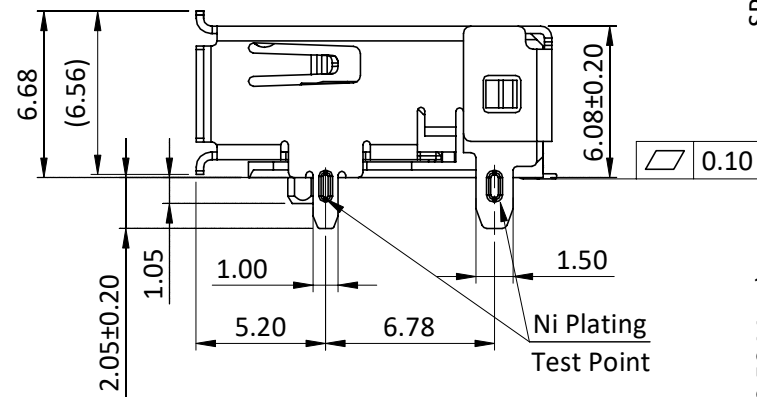
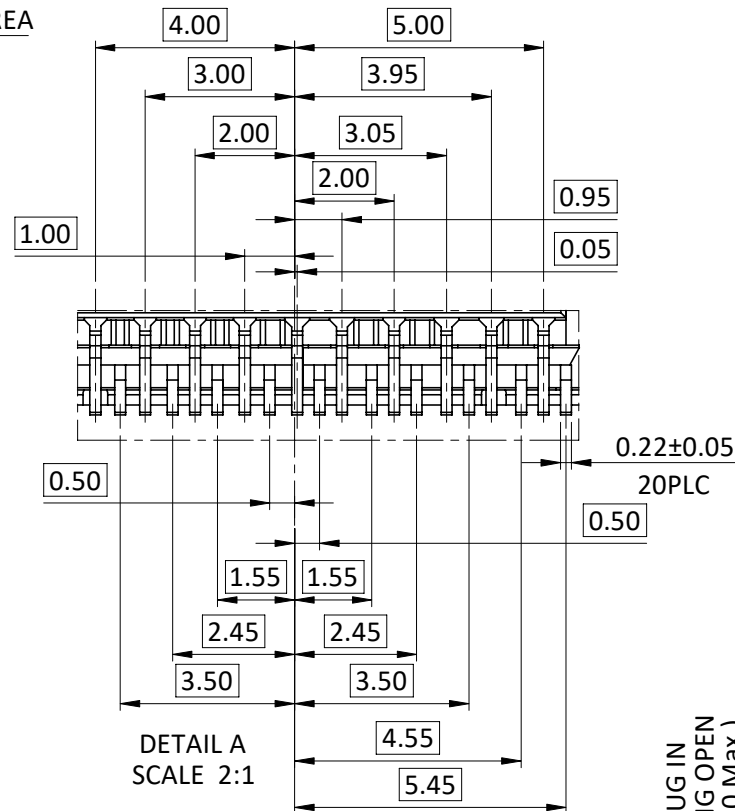
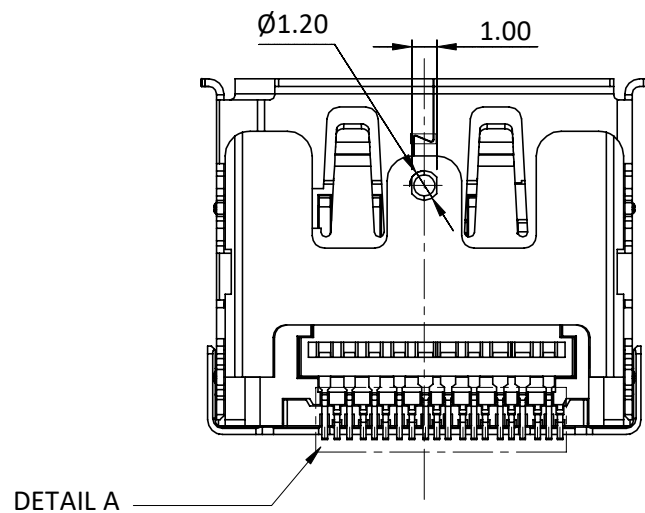
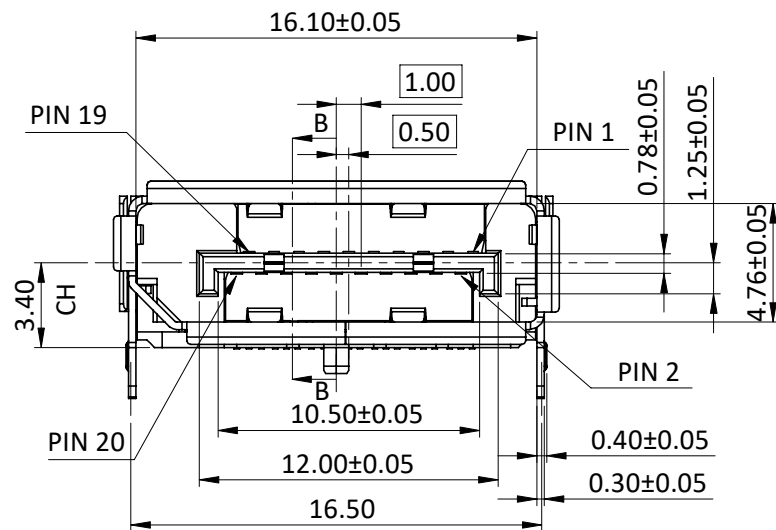
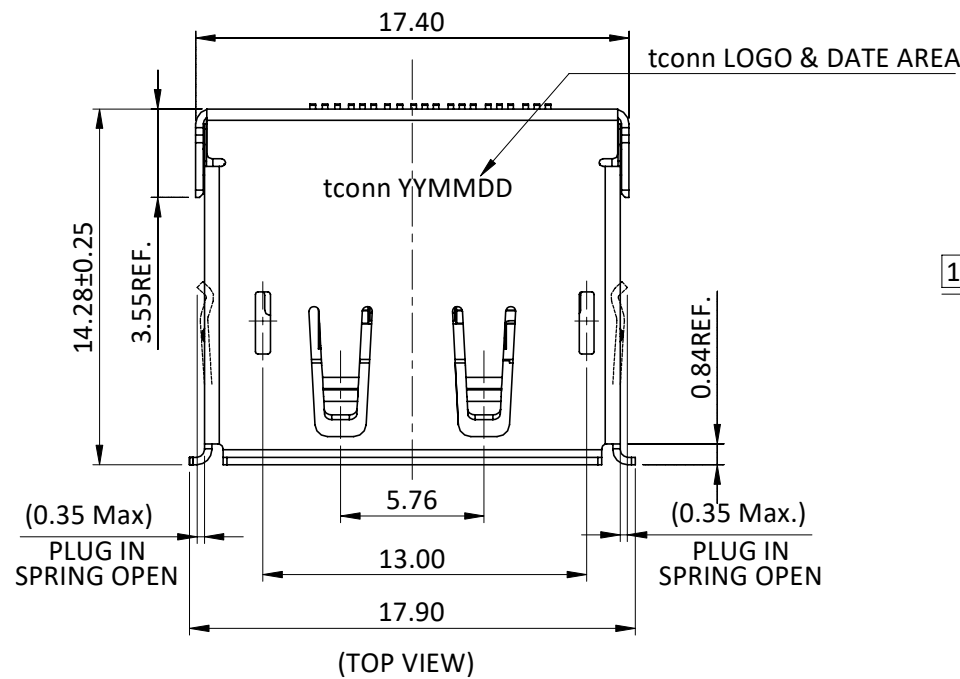




NOTE:

1. MATERIAL:

- 1-1 HOUSING:HIGHT TEMPERATURE POLYESTER UL 94V-0 COLOR:BLACK.
- 1-2 COVER:HIGHT TEMPERATURE POLYESTER UL 94V-0 COLOR:BLACK.
- 1-3 TERMINAL:COPPER ALLOY.
- 1-4 SHELL:STAINLESS STEEL.
- 1-5 EMI:STAINLESS STEEL.

2. FINISH:

- 2.1 TERMINAL:GOLD (SEE TABLE) PLATED ON CONTACT AREA AND 2.54um [100u"] MIN. MATTE-TIN ON SOLDER TAIL,WITH ENTIRE CONTACT UNDERPLATED 1.27um [50u"] MIN.NICKEL.
- 2.2 SHELL:1.27um [50u"] MIN.NICKEL PLATED.

3.ELECTRICAL CHARACTERISTICS;

- 3.1 CONTACT RESISTANCE:30MΩ MAXIMUM
- 3.2 CURRENT RATING:0.5A MIN
- 3.3 DIELECTRIC WITHSTANDING VOLTAGE:500V AC R.M.S.
- 3.4 INSULATION RESISTANCE:UNMATERD 100MΩ MIN MATED:10MΩ MIN
- 3.5 OPERATING TEMPEROTURE:-25°C~85°C

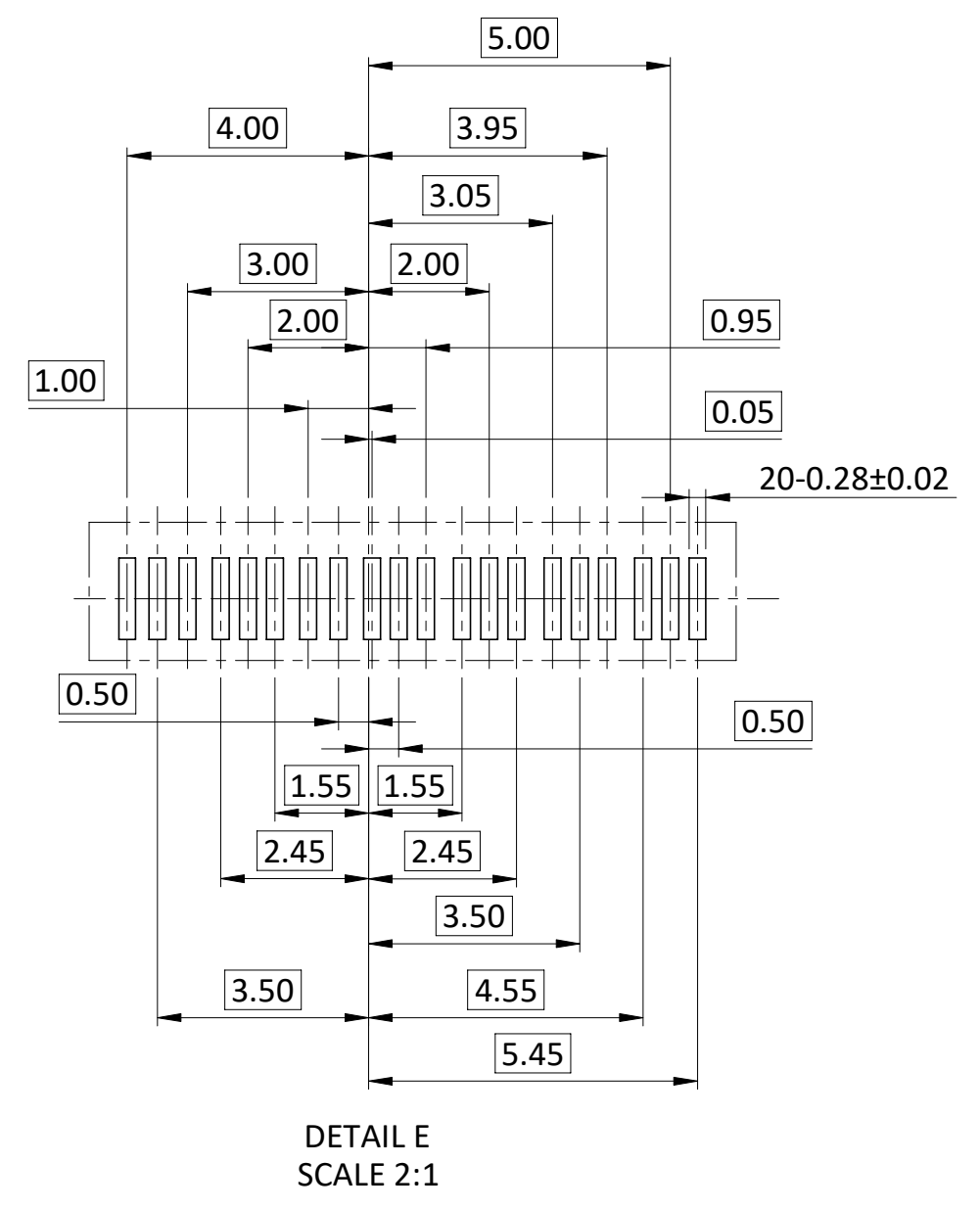
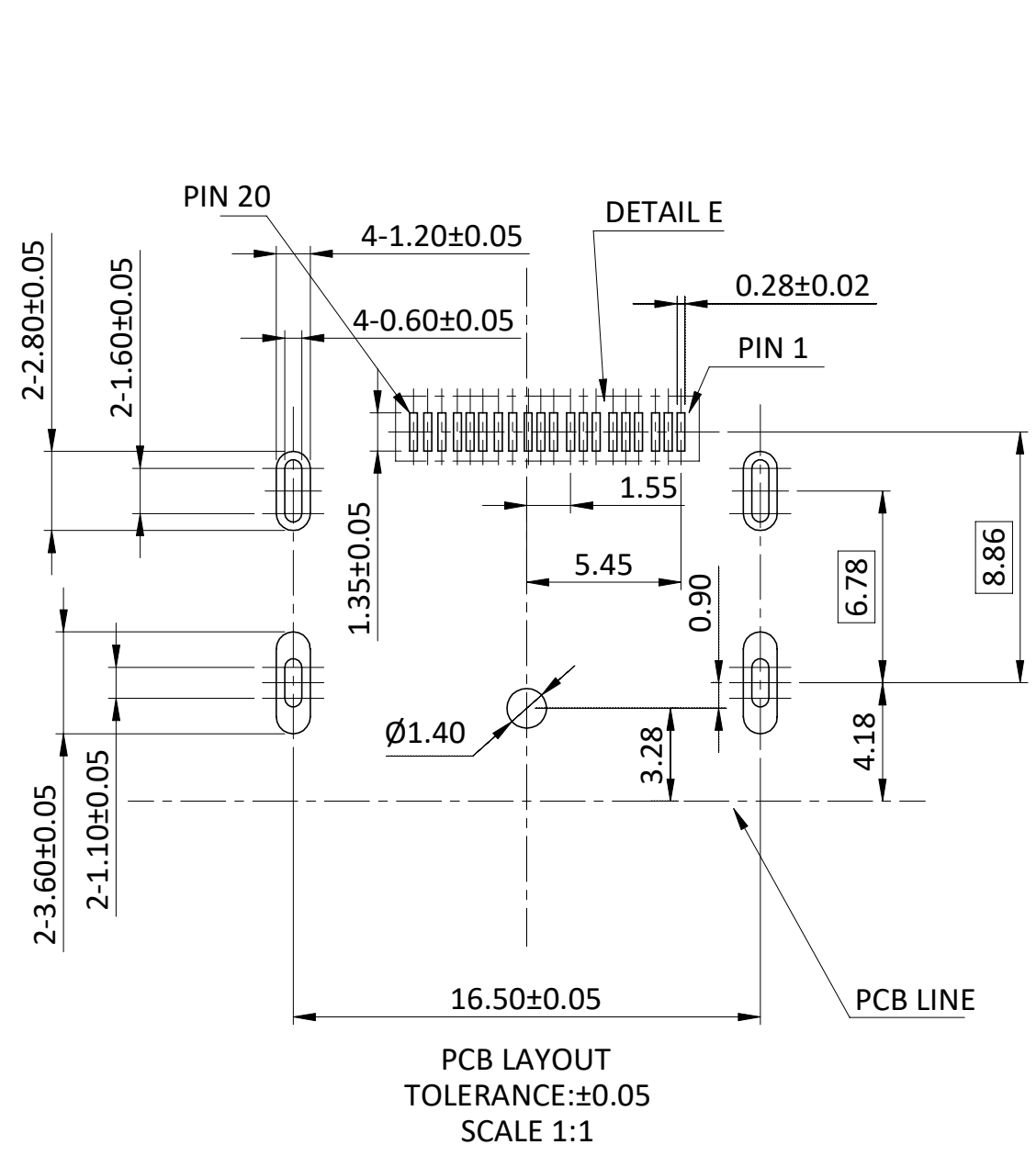
4.MECHANICAL CHARACTERISTICS:

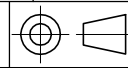
- 4.1 MATING FORCE:4.5kgf MAX
- 4.2 UNMATED FORCE:1.0~4.0kgf
- 4.3 DURABILITY:10000 CYCLES

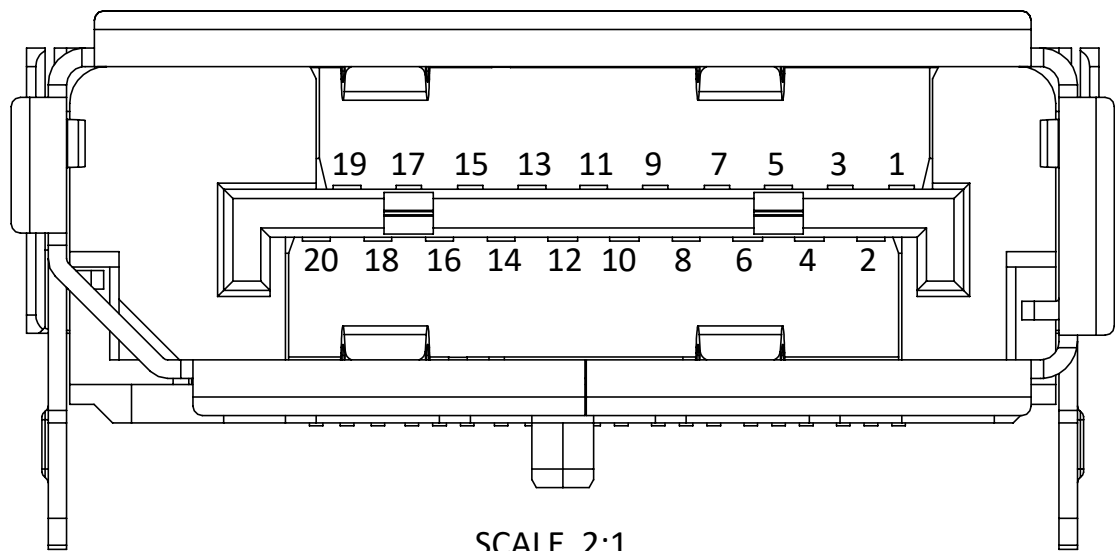
5.REFERENCE DIMENSIONS SHOWN AS(...), THESE DIMENSIONS DO NOT NEED TO BE MEASURED.

|          |                      |                 |
|----------|----------------------|-----------------|
| RoHS2+HF | 30u"                 | 22-D1760-6A03-0 |
|          | 15u"                 | 22-D1760-5A03-0 |
|          | 10u"                 | 22-D1760-3A03-0 |
|          | 5u"                  | 22-D1760-2A03-0 |
|          | 3u"                  | 22-D1760-9A03-0 |
|          | G/F                  | 22-D1760-1A03-0 |
| GP TYPE  | PLATING Au THICKNESS | PART NUMBER     |

|      |                |         |        |       |       |          |                                                                 |                                                                     |                                                                                                               |                                                                                       |            |                 |
|------|----------------|---------|--------|-------|-------|----------|-----------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------|-----------------|
|      |                |         |        |       |       |          | TOLERANCES UNLESS OTHERWISE SPECIFIED                           | TITLE<br>Display Port 2.1 UHBR20 20P H=6.68mm<br>CH=3.4mm SMT TYPE. |                                                                                                               |                                                                                       | UNIT<br>mm |                 |
|      |                |         |        |       |       |          | X. ±0.50<br>X.X ±0.30<br>X.XX ±0.20<br>X.XXX ±0.15<br>ANGEL ±3° | ORIGINAL DATA<br>07-09'24                                           |  <b>T-CONN PRECISION</b> |                                                                                       |            |                 |
|      |                |         |        |       |       |          | MATERIAL                                                        | DWN.<br>Jiahao                                                      |                                                                                                               |                                                                                       |            |                 |
|      |                |         |        |       |       |          | SEE TABLE                                                       | CHK.<br>Jimmy                                                       | PART NO.<br>SEE TABLE                                                                                         | SCALE<br>1:1                                                                          | SIZE<br>A3 | REV.<br>A       |
| A    | FIRST RELEASED | --      | Jiahao | Jimmy | Kevin | 07-09'24 | FINISH                                                          | APVD.<br>Kevin                                                      | DWG. NO.<br>C-22-D176X                                                                                        |  |            | SHEET<br>1 OF 4 |
| REV. | DESCRIPTION    | ECN NO. | DWN.   | CHK.  | APVD. | DATE     | SEE NOTE                                                        |                                                                     |                                                                                                               |                                                                                       |            |                 |



|      |                |         |        |       |       |          |                                                                 |                                                                     |                                                                                                               |                                                                                       |                 |
|------|----------------|---------|--------|-------|-------|----------|-----------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------|
|      |                |         |        |       |       |          | TOLERANCES UNLESS OTHERWISE SPECIFIED                           | TITLE<br>Display Port 2.1 UHBR20 20P H=6.68mm<br>CH=3.4mm SMT TYPE. |                                                                                                               |                                                                                       | UNIT<br>mm      |
|      |                |         |        |       |       |          | X. ±0.50<br>X.X ±0.30<br>X.XX ±0.20<br>X.XXX ±0.15<br>ANGEL ±3° | ORIGINAL DATA<br>07-09'24                                           |  <b>T-CONN PRECISION</b> |                                                                                       |                 |
|      |                |         |        |       |       |          | MATERIAL<br>SEE TABLE                                           | DWN.<br>Jiahao                                                      |                                                                                                               |                                                                                       |                 |
|      |                |         |        |       |       |          | FINISH<br>SEE NOTE                                              | CHK.<br>Jimmy                                                       | PART NO.<br>SEE TABLE                                                                                         | SCALE<br>1:1                                                                          | SIZE<br>A3      |
| A    | FIRST RELEASED | --      | Jiahao | Jimmy | Kevin | 07-09'24 |                                                                 | APVD.<br>Kevin                                                      | DWG. NO.<br>C-22-D176X                                                                                        |  | SHEET<br>2 OF 4 |
| REV. | DESCRIPTION    | ECN NO. | DWN.   | CHK.  | APVD. | DATE     |                                                                 |                                                                     |                                                                                                               |                                                                                       |                 |

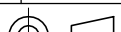


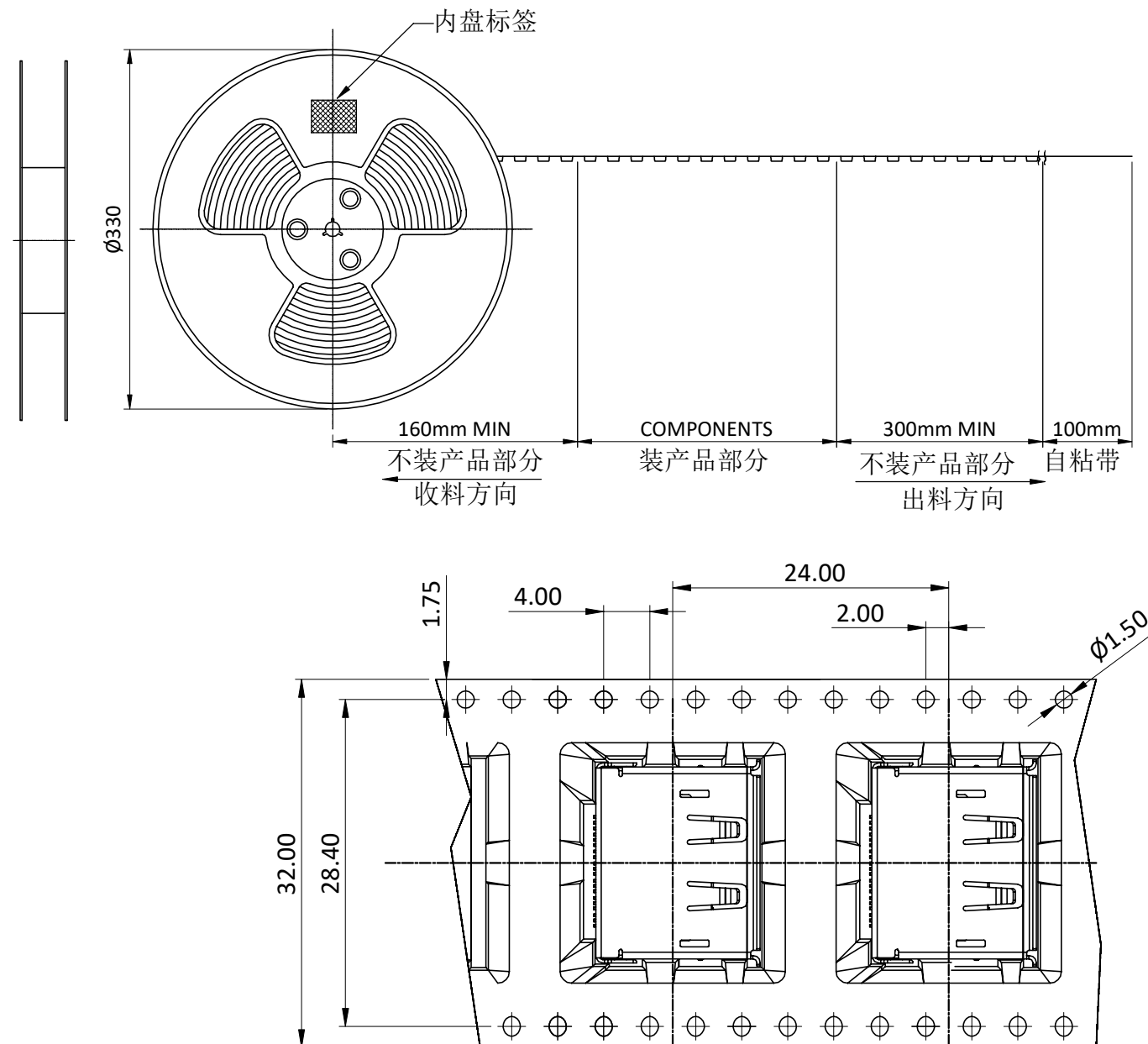
SCALE 2:1

| PIN NO | PIN NAME     | DESCRIPTION      |
|--------|--------------|------------------|
| PIN 1  | ML_Lane 0(p) | Lane 0(positive) |
| PIN 2  | GND          | Ground           |
| PIN 3  | ML_Lane 0(n) | Lane 0(negative) |
| PIN 4  | ML_Lane 1(p) | Lane 1(positive) |
| PIN 5  | GND          | Ground           |
| PIN 6  | ML_Lane 1(n) | Lane 1(negative) |
| PIN 7  | ML_Lane 2(p) | Lane 2(positive) |
| PIN 8  | GND          | Ground           |
| PIN 9  | ML_Lane 2(n) | Lane 2(negative) |
| PIN 10 | ML_Lane 3(p) | Lane 3(positive) |

| PIN NO | PIN NAME     | DESCRIPTION                         |
|--------|--------------|-------------------------------------|
| PIN 11 | GND          | Ground                              |
| PIN 12 | ML_Lane 3(n) | Lane 3(negative)                    |
| PIN 13 | CONFIG1      | connected to Ground 1               |
| PIN 14 | CONFIG2      | connected to Ground 1               |
| PIN 15 | AUX CH(p)    | Auxiliary Channel(positive)         |
| PIN 16 | GND          | Ground                              |
| PIN 17 | AUX CH(n)    | Auxiliary Channel(negative)         |
| PIN 18 | Hot Plug     | Hot Plug Detect                     |
| PIN 19 | Return       | Return for Power                    |
| PIN 20 | DP_PWR       | Power for connector<br>(3.3V 500mA) |

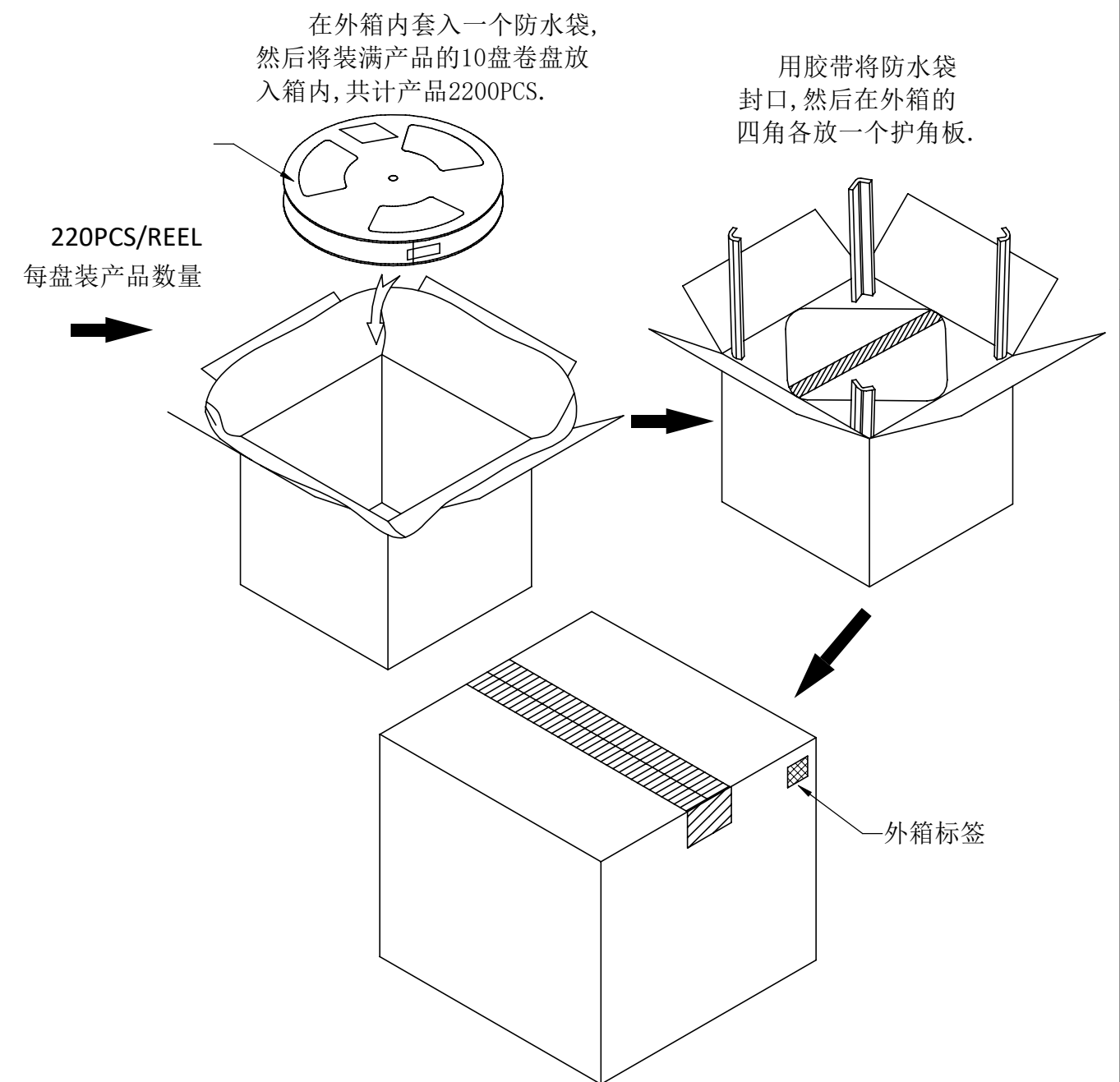
PIN DEFINE.

|      |                |         |        |       |       |          |                                                                 |                                                            |                                                                                                               |                                                                                       |                 |            |
|------|----------------|---------|--------|-------|-------|----------|-----------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------|------------|
|      |                |         |        |       |       |          | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED                        | Display Port 2.1 UHBR20 20P H=6.68mm<br>CH=3.4mm SMT TYPE. |                                                                                                               |                                                                                       |                 | UNIT<br>mm |
|      |                |         |        |       |       |          | X. ±0.50<br>X.X ±0.30<br>X.XX ±0.20<br>X.XXX ±0.15<br>ANGEL ±3° | ORIGINAL DATA<br>07-09'24                                  |  <b>T-CONN PRECISION</b> |                                                                                       |                 |            |
|      |                |         |        |       |       |          | MATERIAL<br>SEE TABLE                                           | DWN.<br>Jiahao                                             |                                                                                                               |                                                                                       |                 |            |
| A    | FIRST RELEASED | --      | Jiahao | Jimmy | Kevin | 07-09'24 | FINISH<br>SEE NOTE                                              | CHK.<br>Jimmy                                              | PART NO.<br>SEE TABLE                                                                                         | SCALE<br>1:1                                                                          | SIZE<br>A3      | REV.<br>A  |
| REV. | DESCRIPTION    | ECN NO. | DWN.   | CHK.  | APVD. | DATE     |                                                                 | APVD.<br>Kevin                                             | DWG. NO.<br>C-22-D176X                                                                                        |  | SHEET<br>3 OF 4 |            |

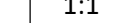


NOTE :

1. MATERIAL :  
BOX : FIBREBOARD, CORRUGATED, DOUBLE WALL.  
TAPE : POLYSTYRENES, WHITE COLOR.  
REEL : POLYSTYRENES, BLUE COLOR.  
BAG : POLYETHYLENE,
2. PEELING STRENGTH : 0.1 ~ 1.3 N (10 ~ 130 GRAMS)
3. PEELING SPEED : 300 mm/min.
4. EACH BAG SHALL BE INCLUDED DESICCANT.
5. CARRIER TAPES, COVER TAPES, REELS AND TAPED COMPONENTS MUST MEET THE REQUIREMENTS DEFINED PER EIA-481-B.



|              |              |          |                 |               |
|--------------|--------------|----------|-----------------|---------------|
| 220          | 10           | 2200 PCS | -- KG           | -- KG         |
| PCS/<br>TAPE | Reel/<br>BOX | QUANTITY | GROSS<br>WEIGHT | NET<br>WEIGHT |

|      |                |         |        |       |       |          |                                                                                                                                                                             |                                                                     |                                                                                                               |                        |                                                                                       |                 |            |
|------|----------------|---------|--------|-------|-------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|-----------------|------------|
|      |                |         |        |       |       |          | TOLERANCES UNLESS OTHERWISE SPECIFIED<br><br>X. ±0.50<br>X.X ±0.30<br>X.XX ±0.20<br>X.XXX ±0.15<br>ANGEL ±3°<br><br>MATERIAL<br><br>SEE TABLE<br><br>FINISH<br><br>SEE NOTE | TITLE<br>Display Port 2.1 UHBR20 20P H=6.68mm<br>CH=3.4mm SMT TYPE. |                                                                                                               |                        |                                                                                       |                 | UNIT<br>mm |
|      |                |         |        |       |       |          |                                                                                                                                                                             | ORIGINAL DATA<br>07-09'24                                           |  <b>T-CONN PRECISION</b> |                        |                                                                                       |                 |            |
|      |                |         |        |       |       |          |                                                                                                                                                                             | DWN.<br>Jiahao                                                      |                                                                                                               |                        |                                                                                       |                 |            |
|      |                |         |        |       |       |          |                                                                                                                                                                             | CHK.<br>Jimmy                                                       | PART NO.<br>SEE TABLE                                                                                         | SCALE<br>1:1           | SIZE<br>A3                                                                            | REV.<br>A       |            |
| A    | FIRST RELEASED | --      | Jiahao | Jimmy | Kevin | 07-09'24 |                                                                                                                                                                             |                                                                     | APVD.<br>Kevin                                                                                                | DWG. NO.<br>C-22-D176X |  | SHEET<br>4 OF 4 |            |
| REV. | DESCRIPTION    | ECN NO. | DWN.   | CHK.  | APVD. | DATE     |                                                                                                                                                                             |                                                                     |                                                                                                               |                        |                                                                                       |                 |            |