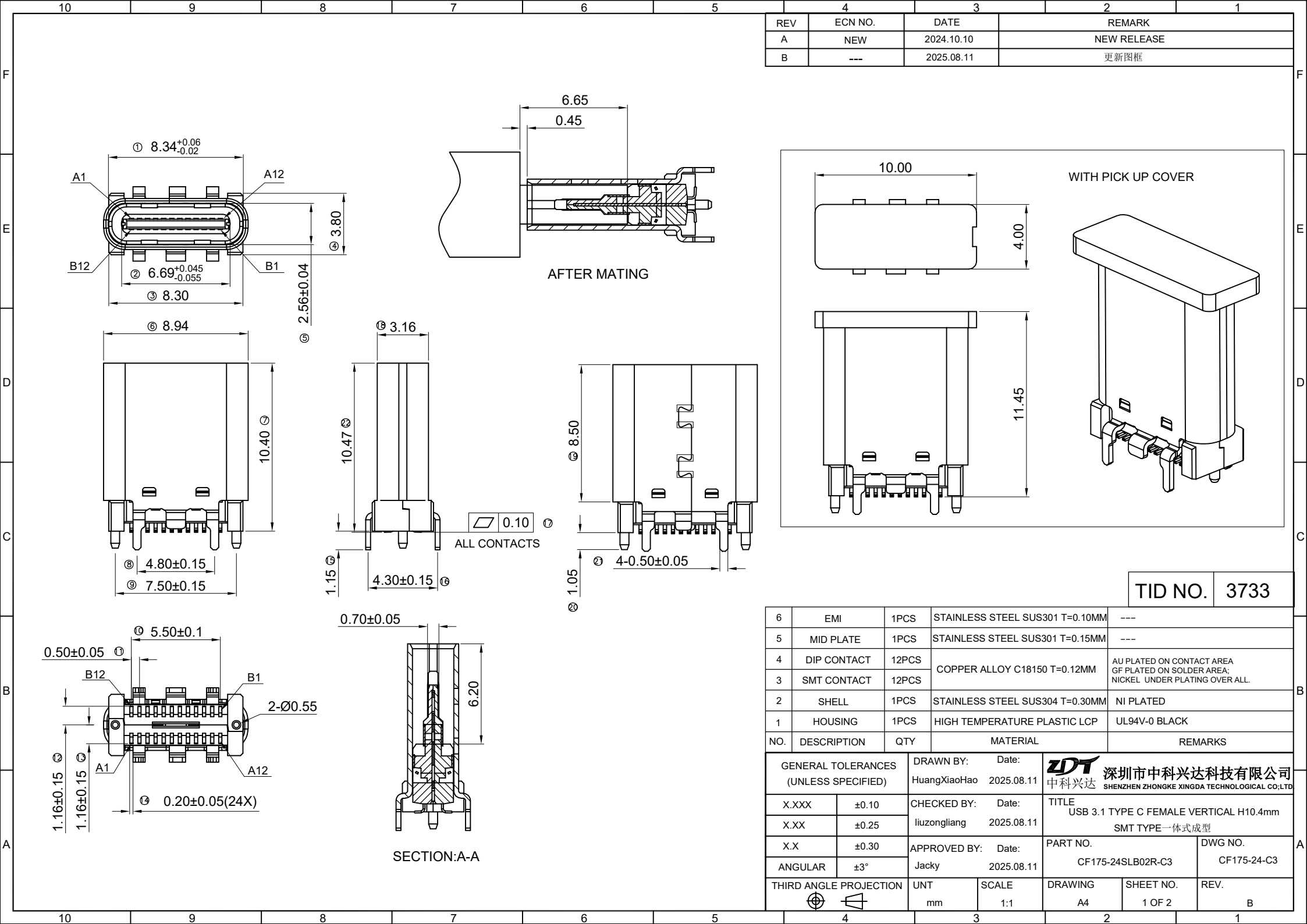
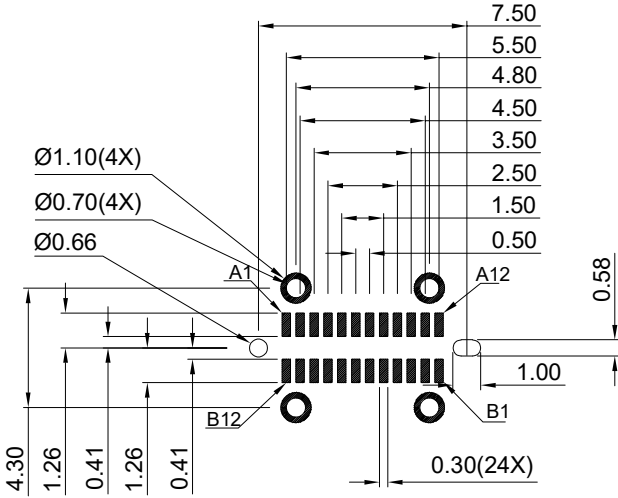




| REV | ECN NO. | DATE       | REMARK      |
|-----|---------|------------|-------------|
| A   | NEW     | 2024.10.10 | NEW RELEASE |
| B   | ---     | 2025.08.11 | 更新图框        |



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 1.5 @0.10MM;DEFAULT TOLERANCE: 0.05

SPECIFICATIONS:  
1.ELECTRICAL PERFORMANCE  
1-1. CURRENT RATING:5 AMPS.  
1-2. VOLTAGE RATING:5V  
1-3. CONTACT RESISTANCE: 40mΩ MAX  
1-4.DIELECTRIC WITHSTANDING VOLTAGE: 100V AC  
1-5.INSULATION RESISTANCE:100MΩ MIN  
2.MECHANICAL PERFORMANCE  
2-1.INSERTION FORCE: 5~20N  
2-2.EXTRACTION FORCE: 8~20N  
2-3.DURABILITY: 10000 CYCLES  
3.ENVIRONMENTAL PERFORMANCE:  
OPERATING TEMPERATURE: -25°C~+85°C  
4.IR REFLOW:  
THE PEAK TEMPERATURE ON THE BOARD SHALL  
BE MAINTAINED FOR 10 SECONDS AT 260°C

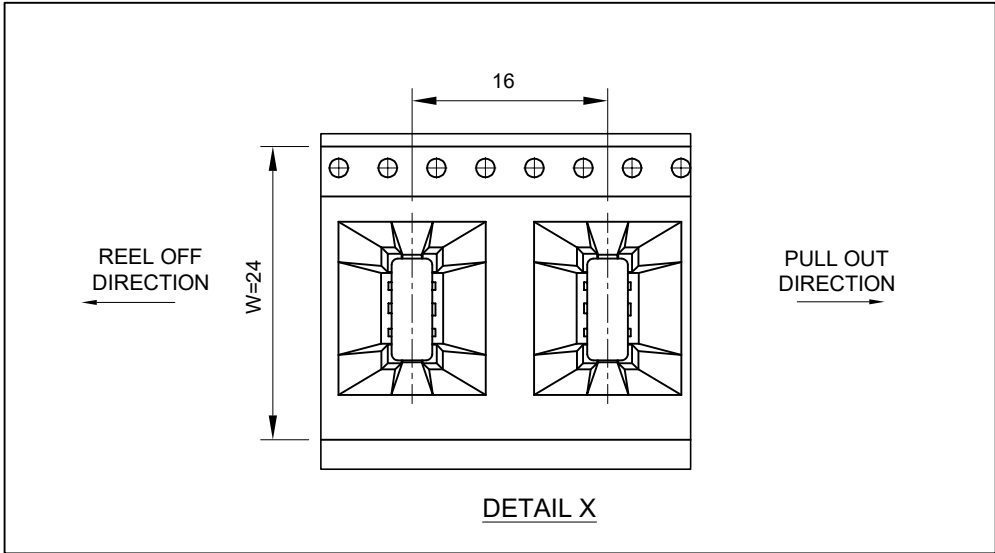
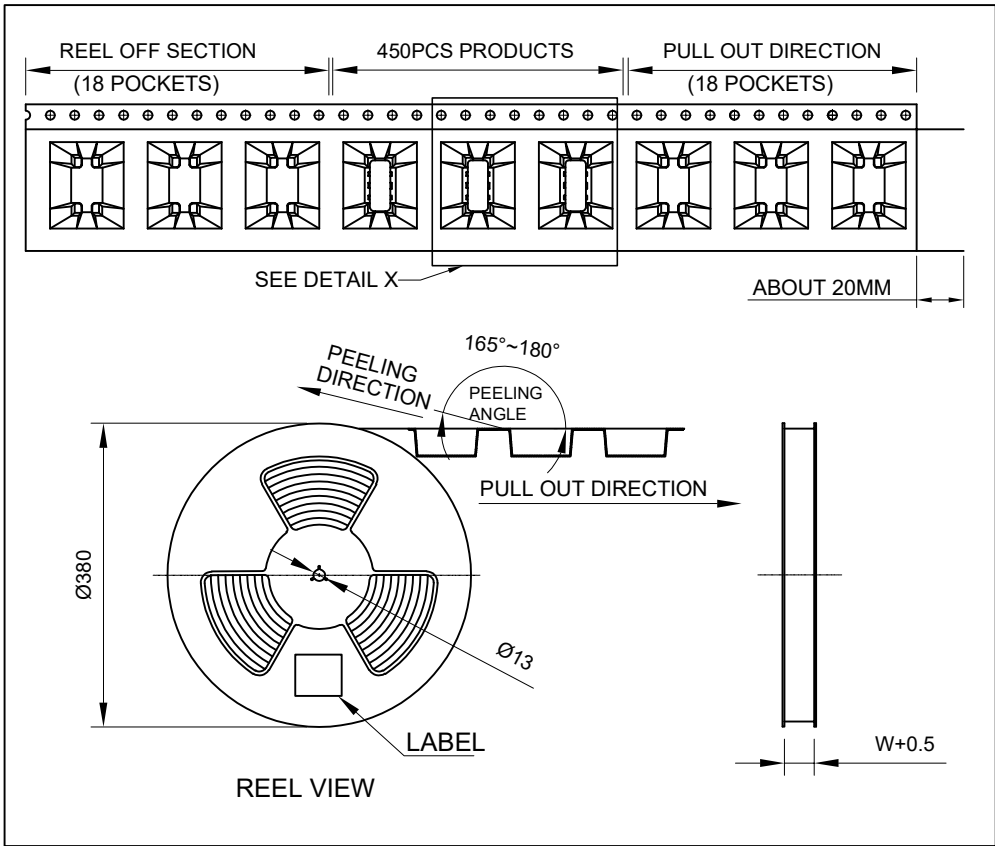
ORDERING INFORMATION :  
CF 175 -  $\frac{24}{1}$  S L  $\frac{X}{2}$   $\frac{XX}{3}$   $\frac{X}{4}$  - C3

- PIN NO.:  
24:24PIN
- HOUSING COLOR:  
B:BLACK  
N:NATURE
- CONTACTS PLATED:  
12:CONTACT AREA: AU 3U",SOLDER TAILS:GF
- PACKING OPTIONS:  
R:TAPE & REEL

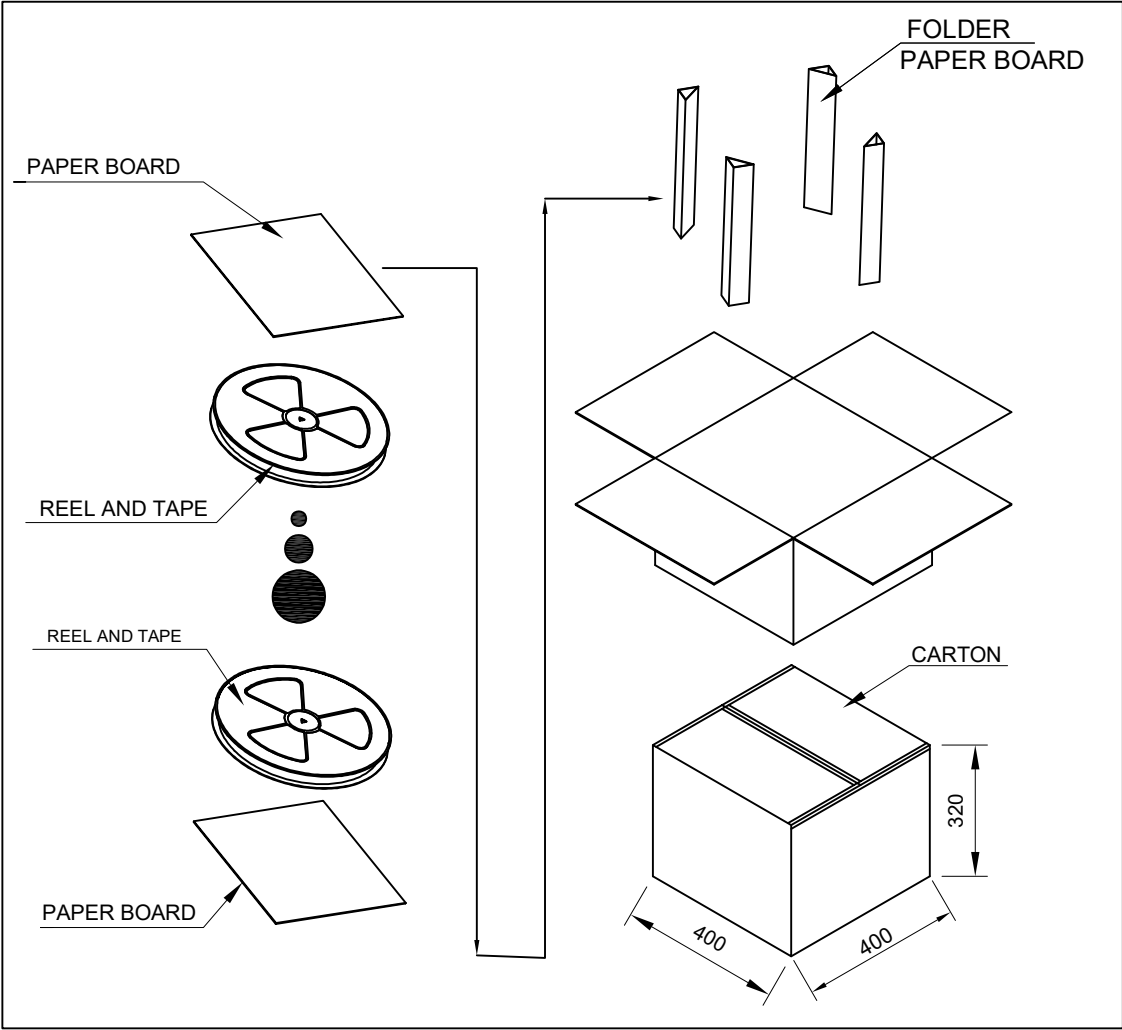
USB TYPE-C PIN ASSIGNMENTS

| 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         |

|                                                                                                                 |       |                                        |              |                                                                                                                                  |                        |
|-----------------------------------------------------------------------------------------------------------------|-------|----------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                        |       | DRAWN BY: HuangXiaoHao<br>2025.08.11   |              | <div><div><div>ZDT</div><div>中 科 兴 达</div></div><div>深圳市中科兴达科技有限公司<br/>SHENZHEN ZHONGKE XINGDA TECHNOLOGICAL CO.,LTD</div></div> |                        |
| X.XXX                                                                                                           | ±0.10 | CHECKED BY: liuzongliang<br>2025.08.11 | Date:        | TITLE<br>USB 3.1 TYPE C FEMALE VERTICAL H10.4mm<br>SMT TYPE一体式成型                                                                 |                        |
| X.XX                                                                                                            | ±0.25 |                                        |              |                                                                                                                                  |                        |
| X.X                                                                                                             | ±0.30 | APPROVED BY: Jacky<br>2025.08.11       | Date:        | PART NO.<br>CF175-24SLB02R-C3                                                                                                    | DWG NO.<br>CF175-24-C3 |
| ANGULAR                                                                                                         | ±3°   |                                        |              |                                                                                                                                  |                        |
| THIRD ANGLE PROJECTION<br> |       | UNT<br>mm                              | SCALE<br>1:1 | DRAWING<br>A4                                                                                                                    | SHEET NO.<br>2 OF 2    |
|                                                                                                                 |       | REV.<br>B                              |              |                                                                                                                                  |                        |



| REV | ECN NO. | DATE       | REMARK      |
|-----|---------|------------|-------------|
| A   | NEW     | 2024.10.10 | NEW RELEASE |
| B   | ---     | 2025.08.11 | 更新图框        |



|                 | REEL/TRAY | CARTON |
|-----------------|-----------|--------|
| CONNECTOR (PCS) | 450       | 4500   |

|                                       |       |                          |                  |                                                                           |                           |
|---------------------------------------|-------|--------------------------|------------------|---------------------------------------------------------------------------|---------------------------|
| GENERAL TOLERANCES (UNLESS SPECIFIED) |       | DRAWN BY: HuangXiaoHao   | Date: 2025.08.11 | <b>ZDT</b> 深圳市中科兴达科技有限公司<br>SHENZHEN ZHONGKE XINGDA TECHNOLOGICAL CO.,LTD |                           |
| X.XXX                                 | ±0.10 | CHECKED BY: liuzongliang | Date: 2025.08.11 | TITLE<br>USB TYPE-C 24P立贴H=10.4包装规范                                       |                           |
| X.XX                                  | ±0.25 |                          |                  |                                                                           |                           |
| X.X                                   | ±0.30 | APPROVED BY: Jacky       | Date: 2025.08.11 | PART NO.<br>CF175-24SLB02R-C3                                             | DWG NO.<br>PK-CF175-24-C3 |
| ANGULAR                               | ±3°   |                          |                  |                                                                           |                           |
| THIRD ANGLE PROJECTION                |       | UNT<br>mm                | SCALE<br>1:1     | DRAWING<br>A4                                                             | SHEET NO.<br>1 OF 1       |
|                                       |       |                          |                  |                                                                           | REV.<br>B                 |