

RoHS  
HF

A

B

C

D

E

F

G

H

A

B

C

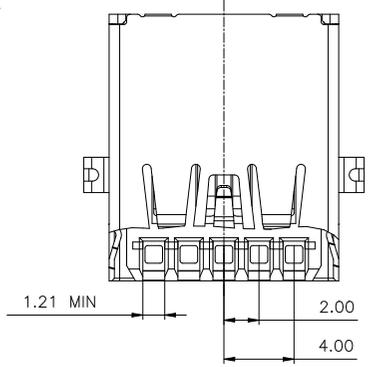
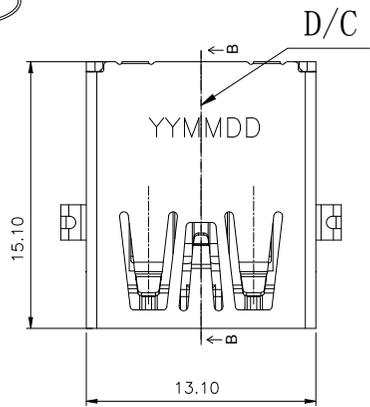
D

E

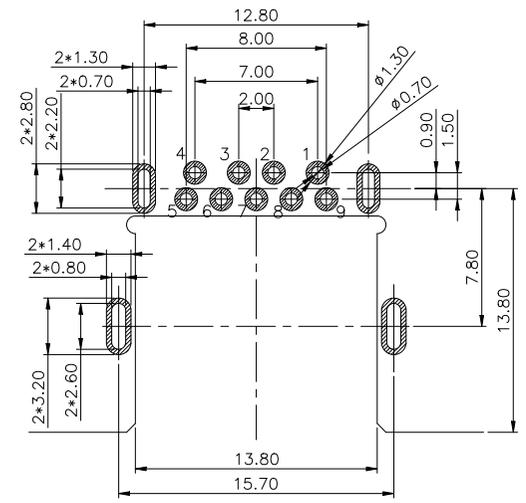
F

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H



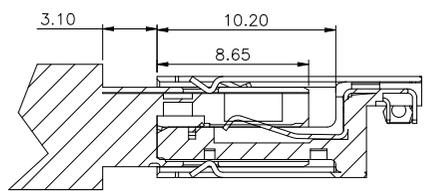
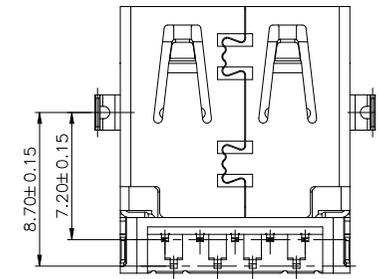
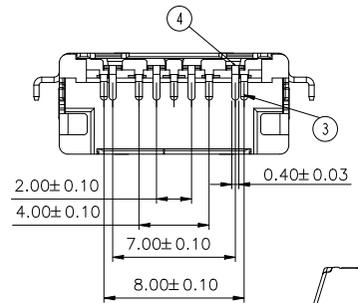
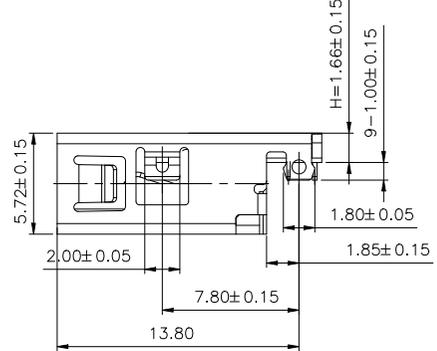
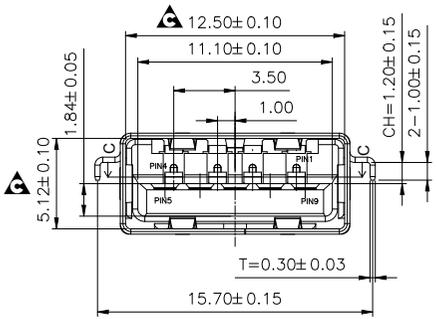
截面 C-C



TOLERANCE: ±0.05, THICKNESS: XXmm  
RECOMMENDED PCB LAYOUT  
(TOP VIEW)

NOTE:

- MATERIAL:
  - INSULATOR: PA9T E130I UL94 V-0. BLACK
  - CONTACT: 4PIN C5191; 5PIN C2680
  - SHELL: SUS430 (T=0.30mm)
- ELECTRICAL CHARACTERISTICS:
  - CONTACT RESISTANCE: 30mΩ MAXIMUM
  - CONTACT CURRENT RATING: 1.8A
  - DIELECTRIC WITHSTANDING VOLTAGE: 100 V R. M. S.
  - INSULATION RESISTANCE 100 MEGOHMS MIN
  - OPERATING TEMPERATURE: -40° C ~ 85° C
- MECHANICAL CHARACTERISTICS:
  - MATING FORCE: 29.4 N MAX
  - UNMATED FORCE: 9.8 N MIN .
  - DURABILITY: MANDATORY: 5,000 CYCLES
- PLATING
  - TERMINAL:
    - 50u" MIN NICKEL 80u"MIN Tin ON SOLDER AREA
    - (1~30)u" Au ON CONTACT AREA
  - SHELL: 50u"MIN. NICEL
- MARK IS CPK DIM .
- PART NO:



截面 B-B

USB3.0 Plug Mate USB3.0 Rec.

N3A-F E120 DR 9 A 3-A1 01  
1 2 3 4 5 6 7 8 9 10  
1.N3A:USB 3.0 A TYPE  
2.F:FEMALE  
3.E120=反向中心高-1.20mm  
4.D:DIP  
5.R:90°  
6:9T  
7.COLOR A:黑色  
8.外壳脚1:青蛙脚 3:直脚  
9.TYPE码: A1  
10.Contact Area plating on contacts  
01: Au 1u"

| Pin # | SIGNAL NAME |
|-------|-------------|
| 1     | VBUS        |
| 2     | D-          |
| 3     | D+          |
| 4     | GND         |
| 5     | StdA_SSRX-  |
| 6     | StdA_SSRX+  |
| 7     | GND_DRAIN   |
| 8     | StdA_SSTX-  |
| 9     | StdA_SSTX+  |
| Shell | Shield      |

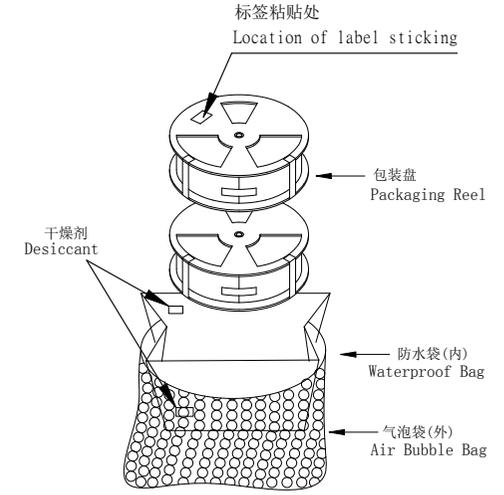
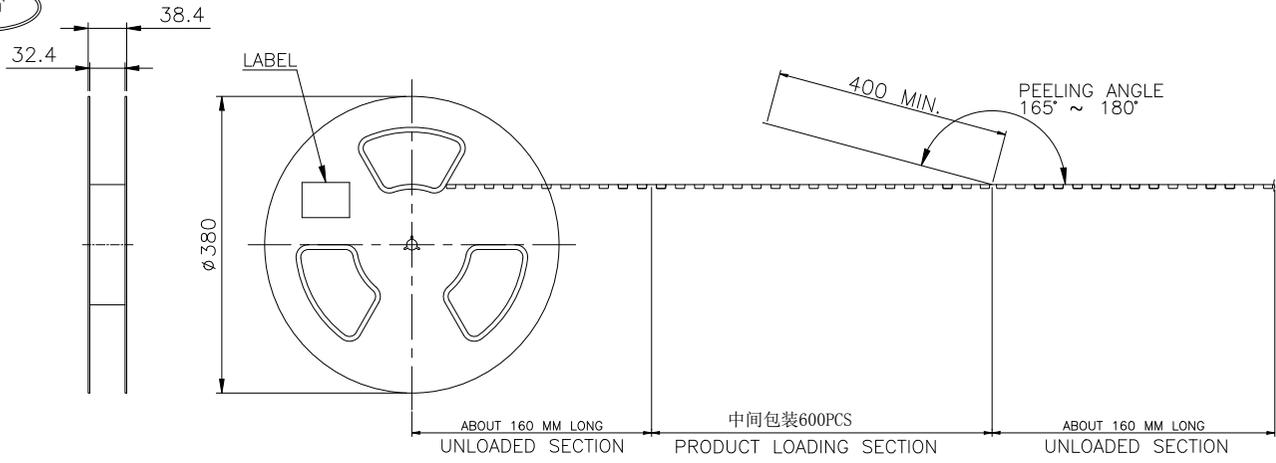
| ITEM | NAME          | Q'TY | MATERIAL / FINISH  |
|------|---------------|------|--------------------|
| 4    | 4 PIN CONTACT | 4    | C5191 / T=0.25mm   |
| 3    | 5 PIN CONTACT | 5    | C2680 / T=0.20mm   |
| 2    | HOUSING       | 1    | PA9T / UL 94 V-0   |
| 1    | SHELL         | 1    | SUS430 / Ni PLATED |
|      |               |      | MATERIAL / FINISH  |

| REV. | REVISION RECORD | DATE     | GENERAL TOLERANCES |              | SCALE      | NAME        | DATE     | PART NO.            | DWG NO.                 |    |       |     |
|------|-----------------|----------|--------------------|--------------|------------|-------------|----------|---------------------|-------------------------|----|-------|-----|
| AO   | 新图面发行           | 24.04.24 | LINEAR             | ANGLES       | 1:1        | Frey Yang   | 24.04.24 | N3A-FE120DR9A3-A101 | ENDE05                  |    |       |     |
|      |                 |          | 0.0 ± 0.30         | X° REF ± 6°  | APPROVED   | Daniel Dong | 24.04.24 | TITLE               |                         |    |       |     |
|      |                 |          | UNIT: MM           | 0.00 ± 0.20  | X° ± 3°    | DRAWN       | Micky Ma | 24.04.24            | USB 3.0 AF RVS CH=-1.20 |    |       |     |
|      |                 |          | SIZE: A4           | 0.000 ± 0.10 | X° X' ± 2° |             |          |                     | H1.66 L=15.10mm DIP     |    |       |     |
|      |                 |          |                    |              |            |             |          |                     | REV                     | A0 | SHEET | 1/2 |

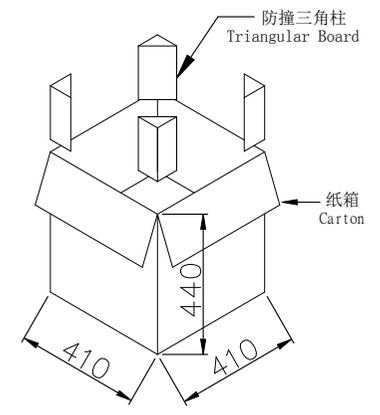
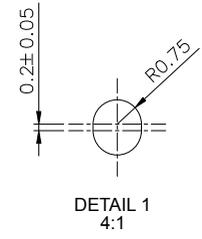
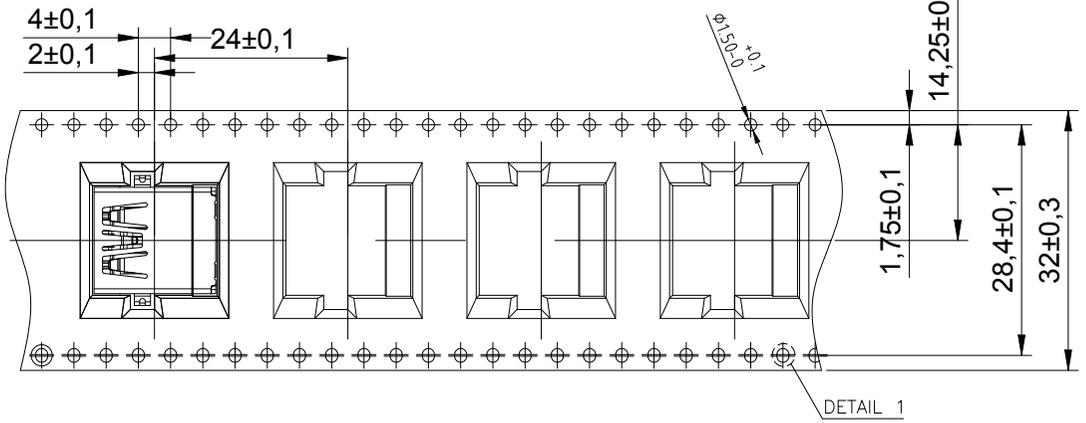


RoHS

HF



USER DIRECTION OF UNREELING →



- NOTE:
- MATERIAL:  
 BOX: FIBRE BOARD, CORRUGATED, DOUBLE WALL.  
 TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, Transparent COLOR (透明色冷封).  
 REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE COLOR.  
 BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C.
  - PEELING STRENGTH: 0.1 ~ 1.3 N (10 ~ 130 GRAMS)
  - PEELING SPEED: 300 mm/min.
  - EACH BAG SHALL BE INCLUDED DESICCANT.

|          |              |          |              |            |
|----------|--------------|----------|--------------|------------|
| 600      | 11           | 6600 PCS | KG           | KG         |
| PCS/REEL | REELS/CARTON | QUANTITY | GROSS WEIGHT | NET WEIGHT |

| REV. | REVISION RECORD | DATE     | UNIT     | GENERAL TOLERANCES |           | SCALE | NAME     | DATE        | PART NO. | DWG NO. |  |  |  |  |  |           |
|------|-----------------|----------|----------|--------------------|-----------|-------|----------|-------------|----------|---------|--|--|--|--|--|-----------|
| AO   | 新图面发行           | 24.04.24 |          | LINEAR             | ANGLES    | 1:1   |          |             |          |         |  |  |  |  | APPROVED                                       | Frey Yang |
|      |                 |          | MM       | 0.00±0.20          | X° REF±6° |       | DESIGNER | Daniel Dong | 24.04.24 | TITLE   |  |  |  |  | USB 3.0 AF RVS CH=-1.20<br>H1.66 L=15.10mm DIP | REV       |
|      |                 |          | SIZE: A4 | 0.000±0.10         | X° X' ±2° |       | DRAWN    | Micky Ma    | 24.04.24 |         |  |  |  |  |  |           |