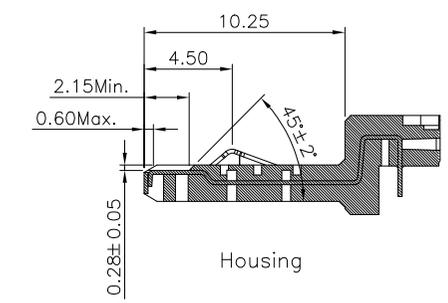
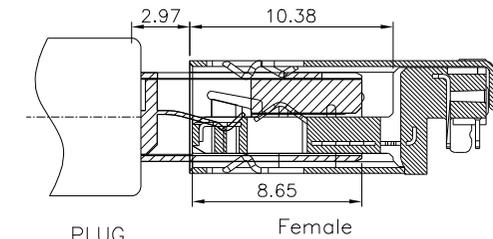
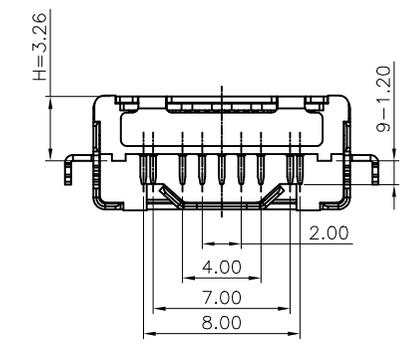
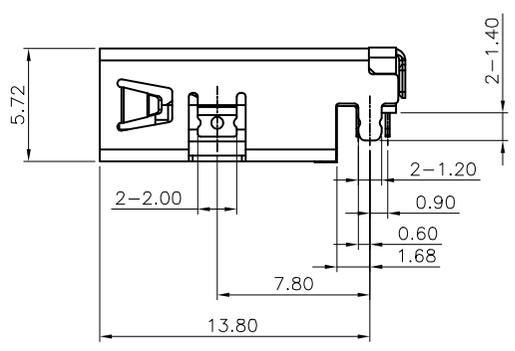
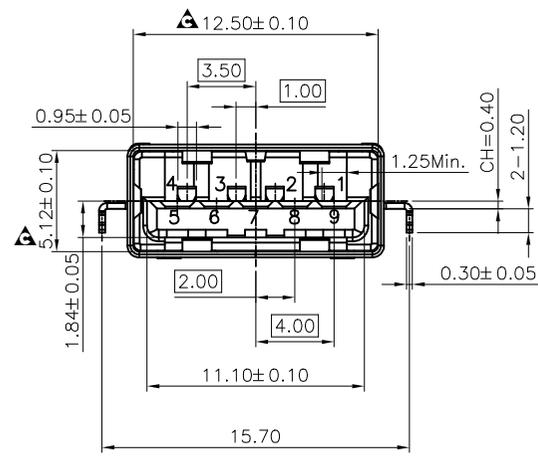


TOLERANCE:  $\pm 0.03$ , THICKNESS: 1.0mm  
 RECOMMENDED PCB LAYOUT  
 (TOP VIEW)



REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	新图面发行	21.02.07	LINEAR	ANGLES	1:1	Frey Yang	24.04.22	N3A-FF040DR9A3-00XX	ENDE05				
A1	增加两侧卡点, 及铁壳上有C的标记, 外壳脚撕开工艺改为下料工艺, 外壳全包胶芯	21.03.19	0.0±0.30	X° REF±6°	APPROVED	Daniel Dong	24.04.22	TITLE USB3.2 AF RVS CH=0.4 H3.26 L15.6 DIP Gen2					
A2	更新图纸	24.04.22	0.00±0.25	X° ±3°	DESIGNER	Micky Ma	24.04.22						
			UNIT: MM	X° X' ±2°	DRAWN				REV	A2	SHEET	1/2	

RoHS

HF

NOTES:

1. MATERIAL AND PLATING:

- 1.1 Housing: PA9T+30%G.F, UL94V-0
- 1.2 Contact(4/5Pin): Copper Alloy, Au And Sn Plated.
- 1.3 Shell: Stainless Steel, Ni Plated.

2. MECHANICAL CHARACTERISTIC

- 2.1 Mating Force: 0.7-2.0Kgf.
- 2.2 Unmationg Force: 0.7-2.0Kgf.
- 2.3 Durability: 5,000 Cycles.
- 2.4 Vibration&Physical Shock:(After test)  
Contact Resistance 40m Ohm Max. VBUS&GND Contacts  
Contact Resistance 60m Ohm Max. Other Contacts  
Electrical Discontinuity = 1μs Max.

3. ELECTRICAL CHARACTERISTIC

- Current Rating: 1.8A(Pin1,4),  
0.25A For Other Contacts.
  - Voltage Rating: 30V AC Max.
  - Contact Resistance: 30m Ohm Max.
  - Insulation Resistance: 100M Ohm Min.
  - Dielectric Withstanding Voltage: 100V AC.
4. ENVIRONMENT CHARACTERISTIC
- Operating Temperature: -25° C~+85° C
  - Storage Temperature: -60° C~+105° C
  - Resistance to Soldering Heat:250°C Min.& 5s Min.
  - Thermal shock: No physical damage, Withstanding Voltage 100V AC Min.  
Insulation Resistance 100MΩ Min. (After test)

5. DATE CODE INFORMATION:

YYMMDD (Y:YEAR M:MONTH D:DATE)

6. ORDER INFORMATION:

N3A-F F040 D R 9 A 3-00 XX  
1 2 3 4 5 6 7 8 9 10

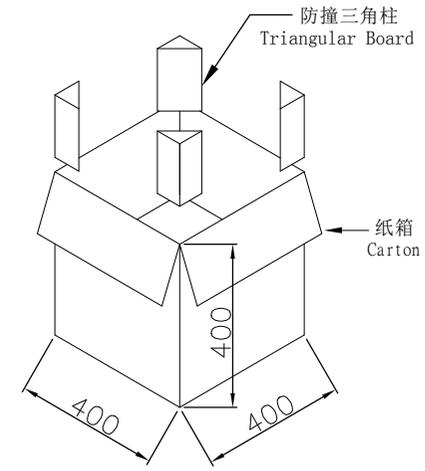
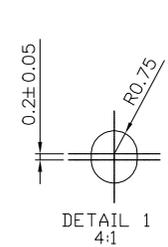
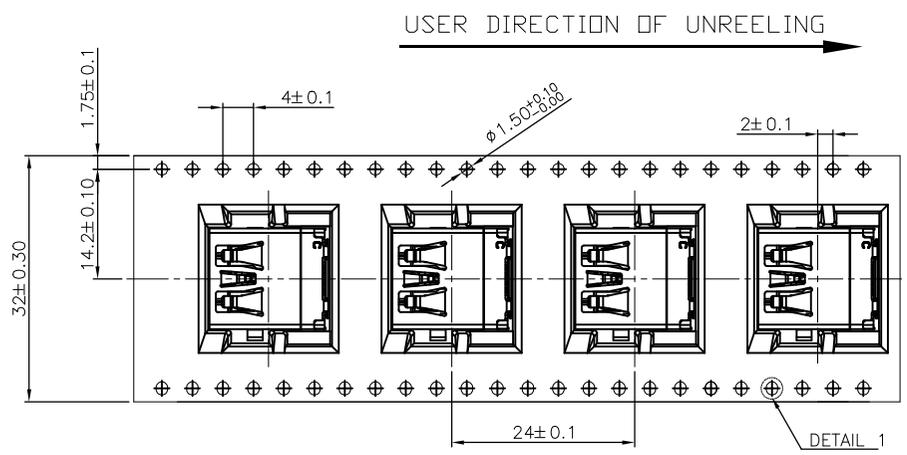
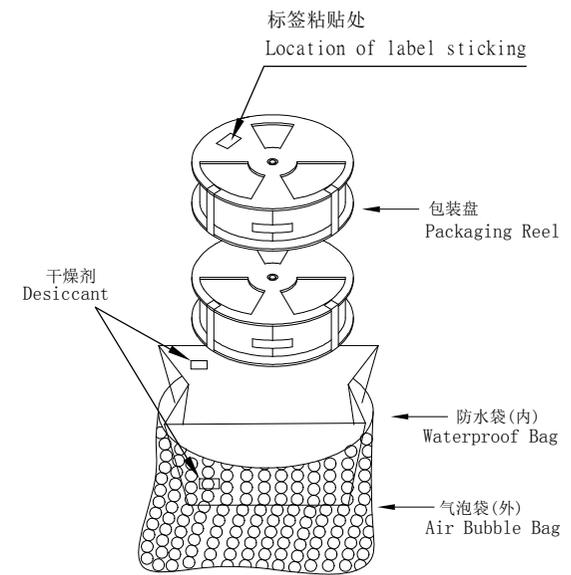
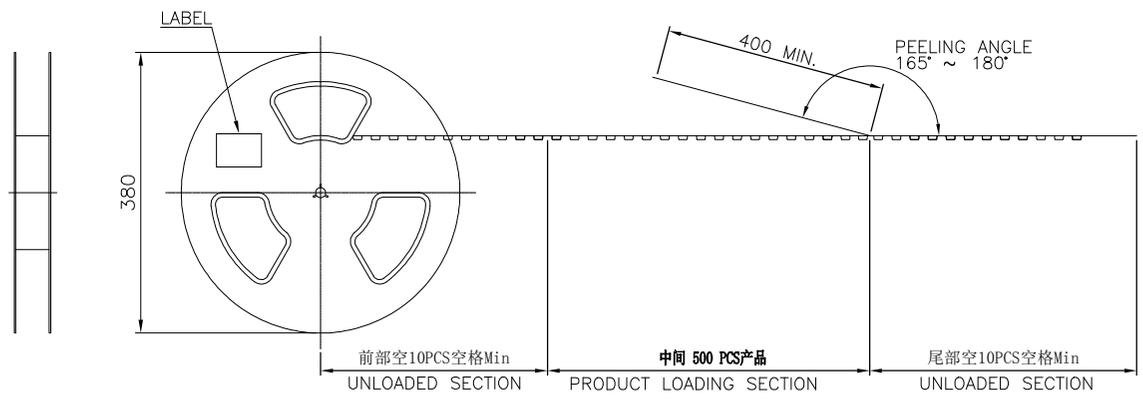
- 1, N3A=USB 3.0 A TYPE
- 2, F=FEMALE
- 3, F040=反向式沉板-0.40mm
- 4, D=DIP
- 5, R=90°
- 6, 9=PA9T
- 7, A=黑色
- 8, 3=直角
- 9, TYPE码:00=普通规格
- 10, CONTACT AREA PLATING ON CONTACTS  
01=G/F 03=Au 3u"  
05=Au 5u" 10=Au 10u"  
15=Au 15u" 30=Au 30u"  
SOLDER AREA PLATING Ni 40u" Min.& MATTE Sn 60u" Min.  
ps:SHELL PLATING Ni 40u" Min. ALL OVER

USB 3.0 PIN ASSIGNMENTS

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FRIST

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.		
AO	新图面发行	21.02.07		LINEAR	ANGLES	APPROVED	Frey Yang	24.04.22	N3A-FF040DR9A3-00XX	ENDE05		
A1	增加两侧卡点,及铁壳上有C的标记,外壳脚撕开工艺改为下料工艺,外壳全包胶芯	21.03.19	UNIT: MM	0.00±0.25	X° ±3°	DESIGNER	Daniel Dong	24.04.22	TITLE USB3.2 AF RVS CH=0.4 H3.26 L15.6 DIP Gen2			
A2	更新图纸	24.04.22	SIZE: A4	0.000±0.10	X° X' ±2°	DRAWN	Micky Ma	24.04.22				REV

RoHS  
HF



NOTE:

- MATERIAL:  
BOX: FIBRE BOARD, CORRUGATED, DOUBLE WALL (K=K).  
TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, TRANSPARENT COLOR. (透明色)  
REEL: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 70°C, BLUE COLOR.  
BAG: POLYETHYLENE, HEAT-RESISTANT TEMPERATURE: 100°C.
- PEELING STRENGTH: 0.2~1.0N (20~100gf)
- PEELING SPEED: 300 mm/min.
- EACH BAG SHALL BE INCLUDED DESICCANT.

500	10	5000 PCS	-- KG	--KG
PCS/ REEL	REELS/ CARTON	QUANTITY	GROSS WEIGHT	NET WEIGHT

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.					
A0	新图面发行	21.02.07		LINEAR	1:1	APPROVED	Frey Yang	24.04.22	N3A-FF040DR9A3-00XX ENDE05					
A1	增加两侧卡点, 及铁壳上有C的标记, 外壳脚撕开工艺改为下料工艺, 外壳全胶芯	21.03.19		0.0±0.30	ANGLES	DESIGNER	Daniel Dong	24.04.22						
A2	更新图纸	24.04.22	UNIT: MM	0.00±0.25	X° REF±6°	DRAWN	Micky Ma	24.04.22	TITLE					USB3.2 AF RVS CH=0.4 H3.26 L15.6 DIP Gen2