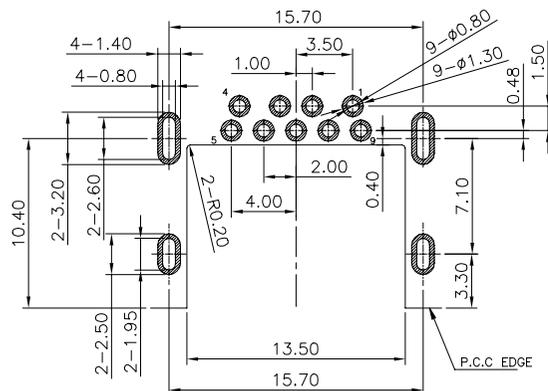
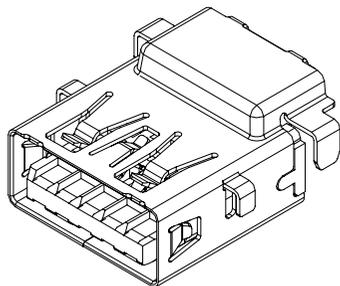
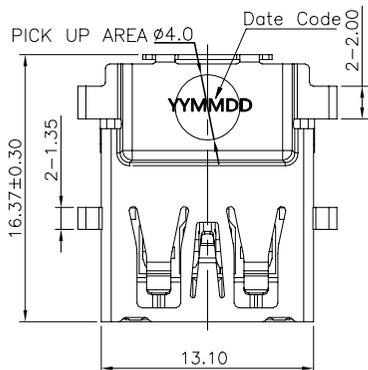


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Recommended PCB Layout THK=1.2mm

NOTE:

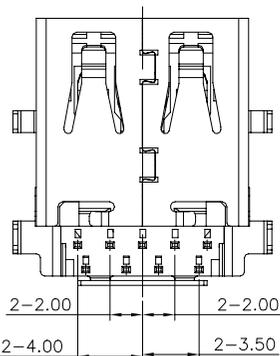
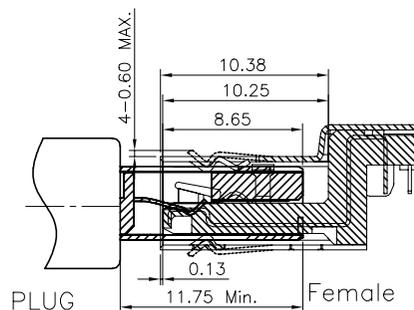
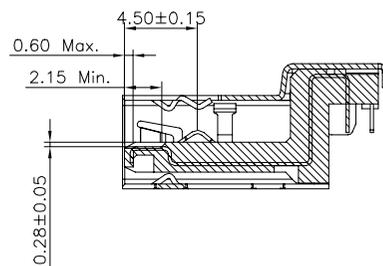
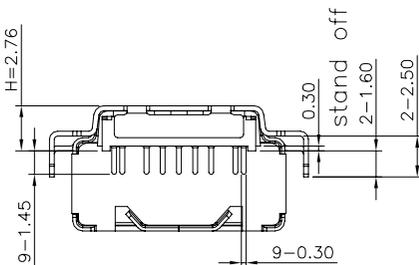
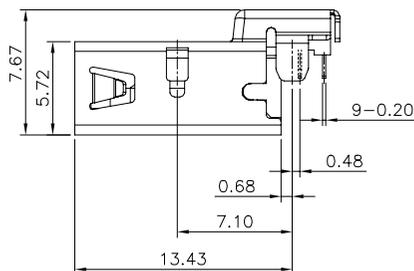
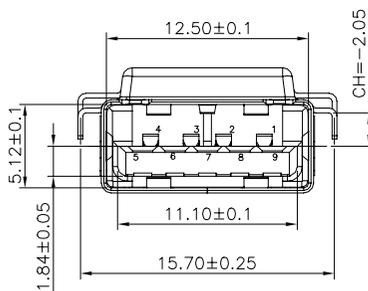
- MATERIAL:
 - INSULATOR: PA9T BLACK
 - CONTACT: 4P C5191 T=0.20mm
 - CONTACT: 5P C2680 T=0.20mm
 - SHELL:SUS 304
- ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 30m Ω MAX
 - CONTACT CURRENT RATING: 1.8A
 - DIELECTRIC WITHSTANDING VOLTAGE: 100 V R.M.S.
 - INSULATION RESISTANCE 100 M Ω MIN
 - OPERATING TEMPERATURE: -40 $^{\circ}$ C ~ 85 $^{\circ}$ C
- MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 30 N MAX.
 - REMOVAL FORCE: 10N ~ 20N; 8N Min AFTER TEST
 - DURABILITY: MANDATORY: 5,000 CYCLES
 - SALT SPRAY 48HR PASS.
 - INSERTION FORCE OF CONN INTO PCB 2kgf MAX.
- PLATING
 - TERMINAL:
 - 80 μ MIN NICKEL ALL OVER
 - 100 μ MIN Tin ON SOLDER AREA
 - 1 μ Au ON CONTACT AREA
 - SHELL: 50 μ MIN. NICEL ALL OVER

N3A-F E205 D R 9 A -00 01
1 2 3 4 5 6 7 9 10

- N3A: USB 3.0 A TYPE
- F: FEMALE
- E205=反向中心高-2.05mm(沉板更多)
- D: DIP
- R: 90 $^{\circ}$
- 9: PA9T
- COLOR A: 黑色
- TYPE码: 00: 普通规格
- Contact Area plating on contacts
01: 1 μ "

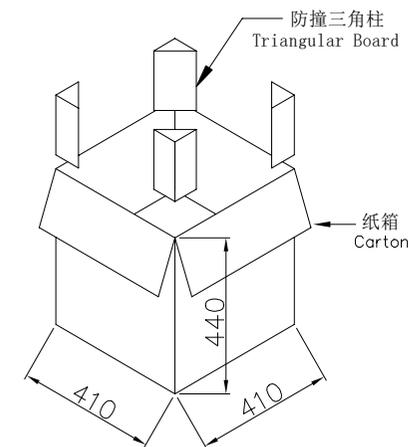
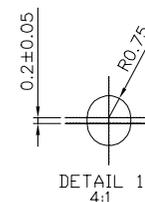
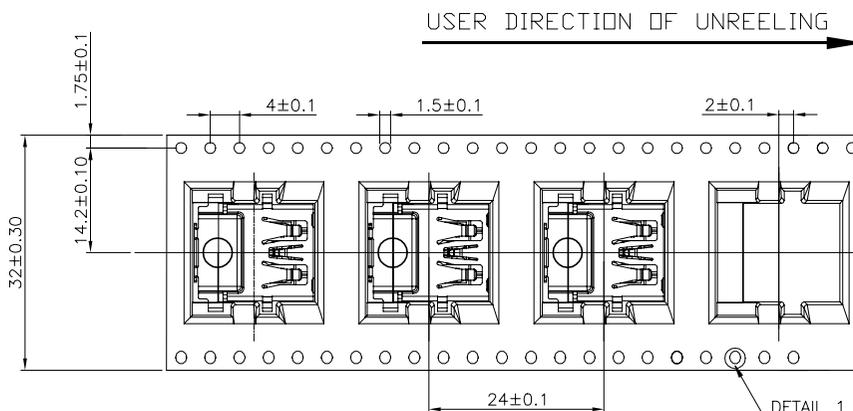
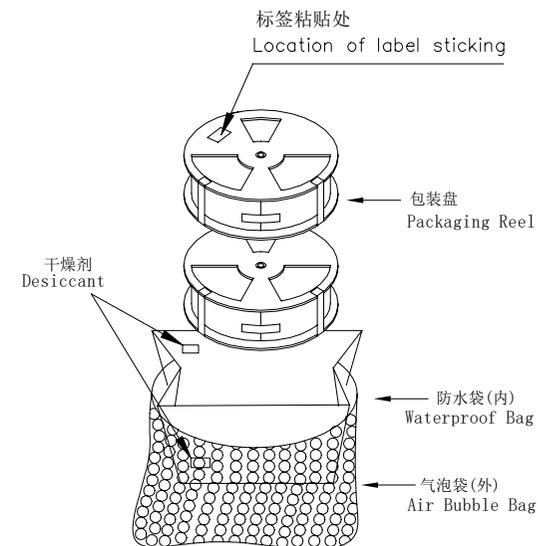
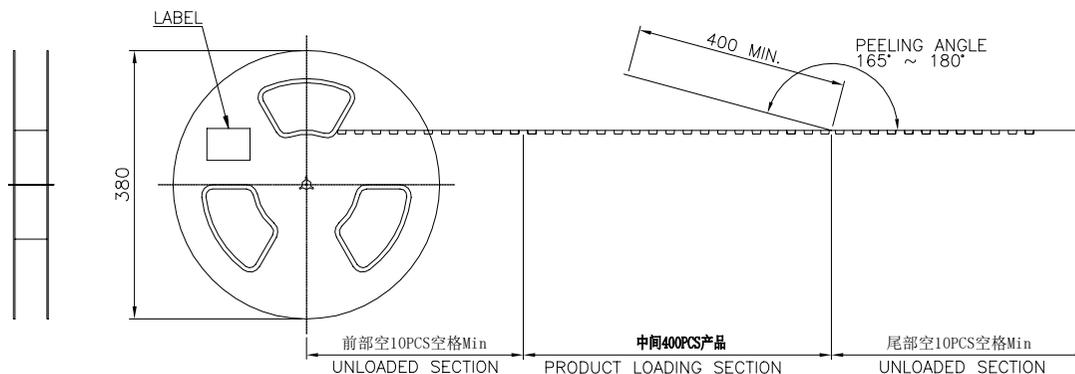
USB 3.0 PIN ASSIGNMENTS

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	NAME	DATE	PART NO.	DWG NO.	 TERMINAL&CONNECTORS
AO	The new version file were released	2021.04.21	LINEAR	1:1	Frey Yang	2021.04.21	N3A-FE205DR9A-0001	ENDE05	
			ANGLES	APPROVED	Daniel Dong	2021.04.21			
			0.0 \pm 0.25 X $^{\circ}$ REF \pm 6 $^{\circ}$	DESIGNER	East_Zhou	2021.04.21			
			UNIT: MM 0.00 \pm 0.15 X $^{\circ}$ \pm 3 $^{\circ}$	DRAWN					
			SIZE: A4 0.00 \pm 0.08 X $^{\circ}$ X $^{\circ}$ \pm 2 $^{\circ}$				TITLE		
							USB 3.1 AF RVS CH=-2.05 H2.76 L=16.37 Gen2		

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NOTE:

- MATERIAL:**
 BOX: FIBRE BOARD, CORRUGATED, DOUBLE WALL (K=K).
 TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, TRANSPARENT COLOR.
 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.

400	10	4000 PCS	-- KG	--KG
PCS/ REEL	REELS/ CARTON	QUANTITY	GROSS WEIGHT	NET WEIGHT

REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES		SCALE 1:1	NAME	DATE	PART NO.	DWG NO.	 JCTC® TERMINAL&CONNECTORS
AO	The new version file were released	2021.04.21		LINEAR	ANGLES	APPROVED	Frey Yang	2021.04.21	N3A-FE205DR9A-0001	ENDE05	
			0.00±0.15	X° ±3°	DESIGNER	Daniel Dong	2021.04.21	TITLE USB 3.1 AF RVS CH=-2.05 H2.76 L=16.37 Gen2			
			0.00±0.08	X° X' ±2°	DRAWN	East_Zhou	2021.04.21				
REV	AO	SHEET	2/2								