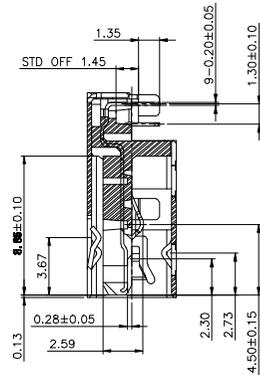
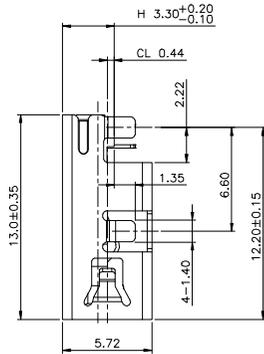
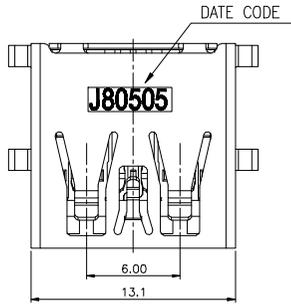


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HF



SECTION A-A

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

NOTE:

1. MATERIAL:

1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0

1.2 CONTACT: COPPER ALLOY (T=0.20mm)

1.3 SHELL: SUS201 (T=0.30mm)

2. ELECTRICAL CHARACTERISTICS:

2.1 CONTACT RESISTANCE: 30mΩ Max

2.2 CONTACT CURRENT RATING: 1.5A

2.3 DIELECTRIC WITHSTANDING VOLTAGE: 500 V R.M.S.

2.4 INSULATION RESISTANCE 100 MEGOHMS Min

2.5 OPERATING TEMPERATURE: -40° C ~ 85° C

3. MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE: 35 N Max

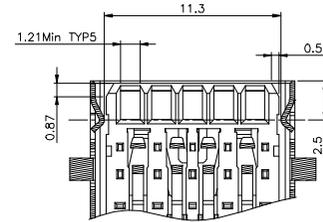
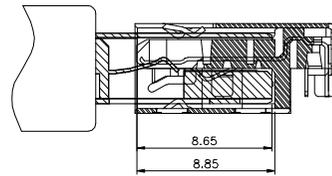
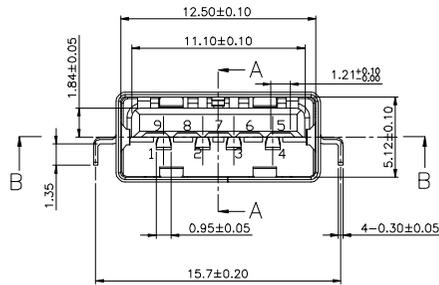
3.2 UNMATED FORCE: 10 N Min INITIAL; 8 N Min AFTER TEST

3.3 DURABILITY: 5,000 CYCLES

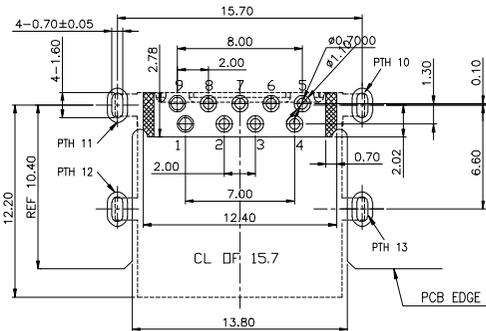
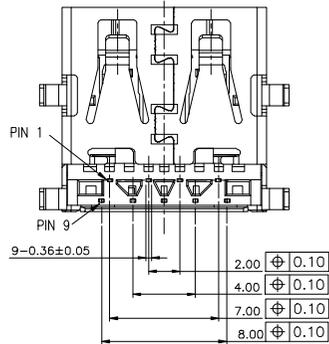
4. PLATING

4.1 TERMINAL CONTACT: (SEE PART NO.) GOLD PLATING ALL OVER 50u" MIN NICKEL AND 80u" MIN Matte Tin ALL OVER 50u" MIN NICKEL IN SOLDER AREA

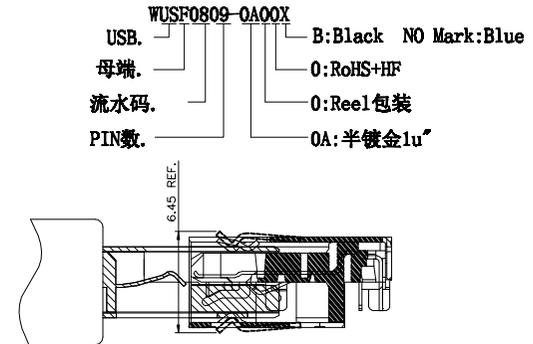
4.2 SHELL: 50u" MIN. NICKEL ALL OVER



SECTION B-B



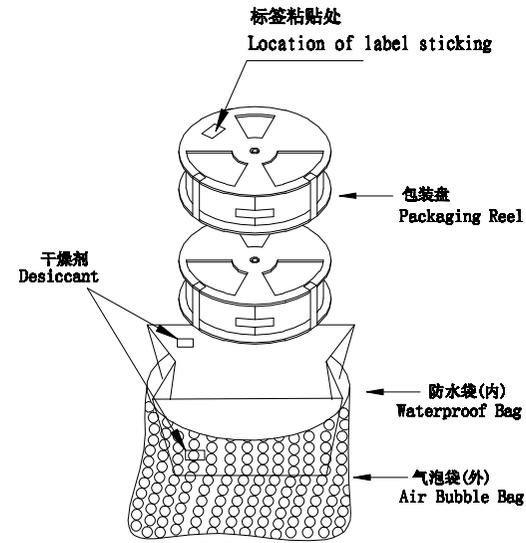
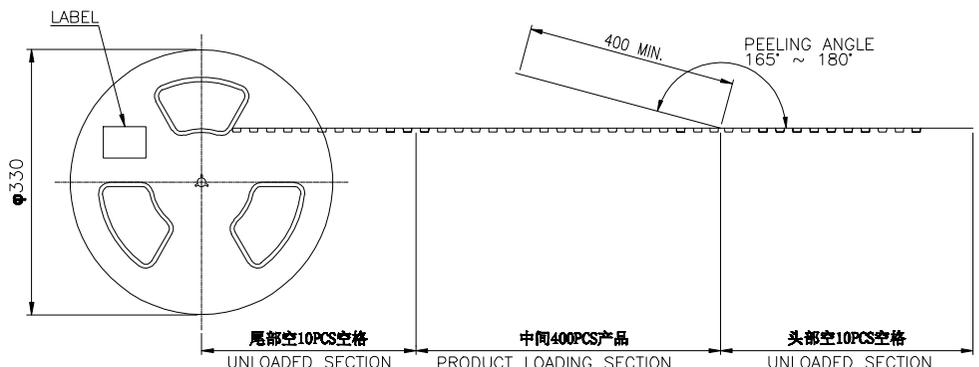
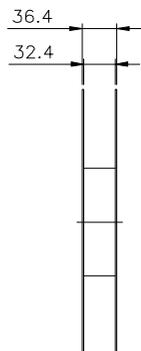
TOLERANCE: ±0.05, THICKNESS: 1.2mm
RECOMMENDED PCB LAYOUT
(TOP VIEW)
KEEP OUT AREA



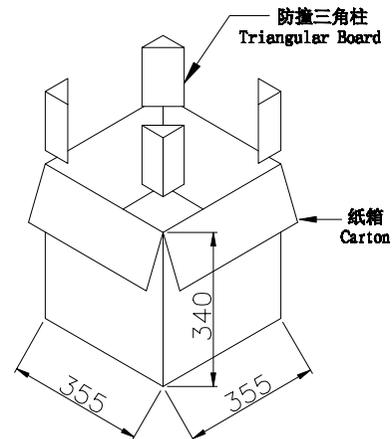
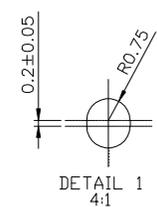
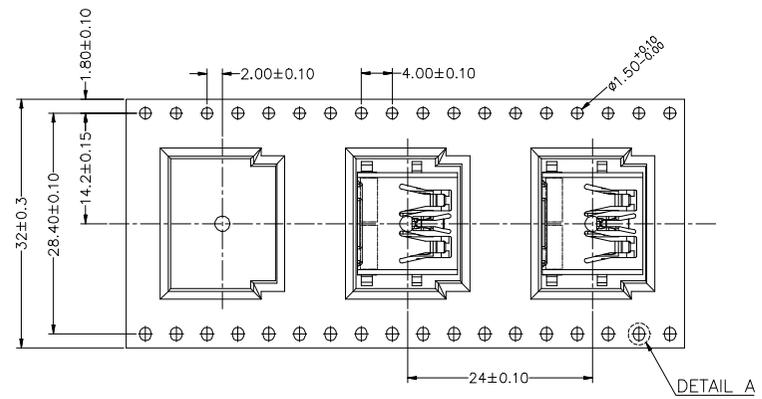
公母對插圖

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	新图面发行	16.03.04		LINEAR	1:1	APPROVED		WUSF0809-0A00X	ENDE05				
A1	更新图框发行	21.07.21		0.0±0.30	ANGLES								X° REF±6°
A2	更新图框发行	24.03.12	UNIT: MM	0.00±0.25	X° ±3°	DESIGNER	Micky Ma	24.03.12	TITLE				REV
			SIZE: A4	0.000±0.10	X° X' ±2°	DRAWN				WUSF0809-0A00X	ENDE05	WUSF0809-0A00X	

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USER DIRECTION OF UNREELING



- NOTE:
- MATERIAL:
BOX: FIBRE BOARD, CORRUGATED, DOUBLE WALL (K=K).
TAPE: POLYSTYRENES, HEAT-RESISTANT TEMPERATURE: 120°C, BLACK 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	8	3200 PCS	-- KG	--KG
PCS/ REEL	REELS/ CARTON	QUANTITY	GROSS WEIGHT	NET WEIGHT

REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	新图面发行	16.03.04		LINEAR	ANGLES	1:1								
A1	更新图框发行	21.07.21	SIZE: A4	0.0±0.30	X° REF±6°	APPROVED	Micky Ma	24.03.12	WUSF0809-0A00X	ENDE05				
A2	更新图框发行	24.03.12		0.00±0.25	X° ±3°	DESIGNER								
				0.000±0.10	X° X' ±2°	DRAWN			USB3.0 STD H3.30 DIP TYPE		REV	A2	SHEET	2/2