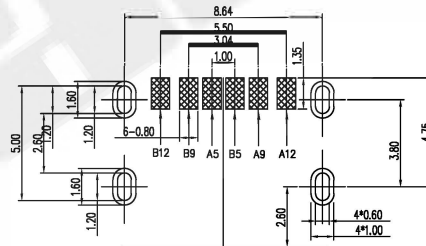
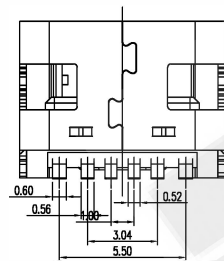
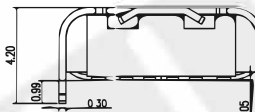
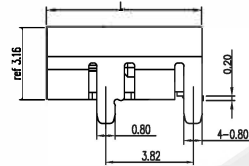
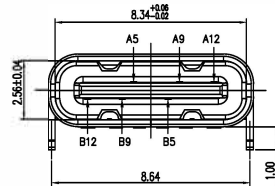
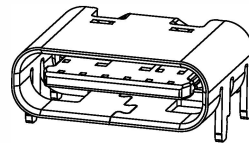
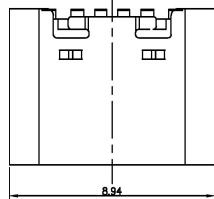


REV	LTR	DESCRIPTION	DATE	APPROVED
A0		依新料号编制原则发行图面	20160406	



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
  - CONTACTS: COPPER ALLOY
  - MID PLATE: STAINLESS STEEL
  - FRONT SHELL: STAINLESS STEEL
- PLATING SPECIFICATION:
  - CONTACTS:
    - NI 50u" MIN. UNDER PLATED OVER ALL.
    - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)
    - PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
  - FRONT SHELL: SEE TABLE1.
  - SHIELD PLATE&EMI PLATE: CLEAR ONLY
- MECHANICAL PERFORMANCE.
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 5000 CYCLES.
- ELECTRICAL PERFORMANCE.
  - CURRENT RATING: 3.0A  
VOLTAGE RATING: 5.0V
  - LLCR:
    - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
    - SHIELD: 50mΩ/MAX.
    - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

PIN ASSIGNMENTS

PIN	SIGNAL NAME	PIN	SIGNAL NAME
A5	CC1	B12	GND
A9	VBUS	B9	VBUS
A12	GND	B5	CC2

L	L = 6.8
L	L = 6.5

TOLERANCE		NAME(INTENDED USE) CUSTOMER DRAWING	三佐部品【中国】股份有限公司		
X.X ±0.30	.X" ±10"	PART NO.			
.XX ±0.20	.X" ± 8"	MTKEP06WD-0A-WLNG1N	TITLE:TYPE-C PIN L12MM SMT 镀钛金		
.XXX ±0.10	.XX" ± 5"	DESIGN: DRAW			
UNITS	mm		DRAWING NO: MTKEP06WD-0B-WLNG1N		
MATERILA		CHED:			
FINISH		APPD:			
			SCALE	SHEET	REV.
			SCALE	SHEET	REV

6

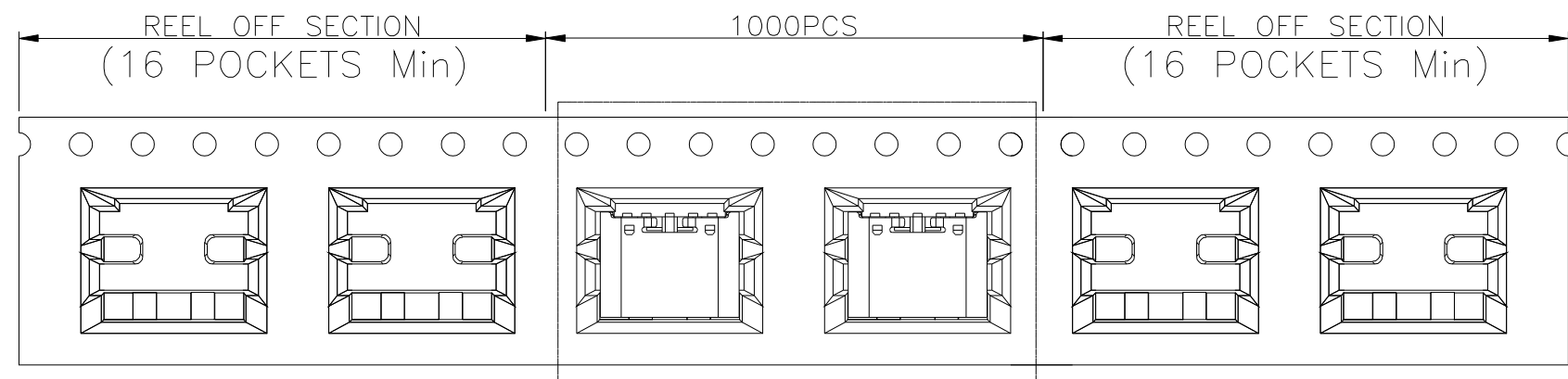
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4

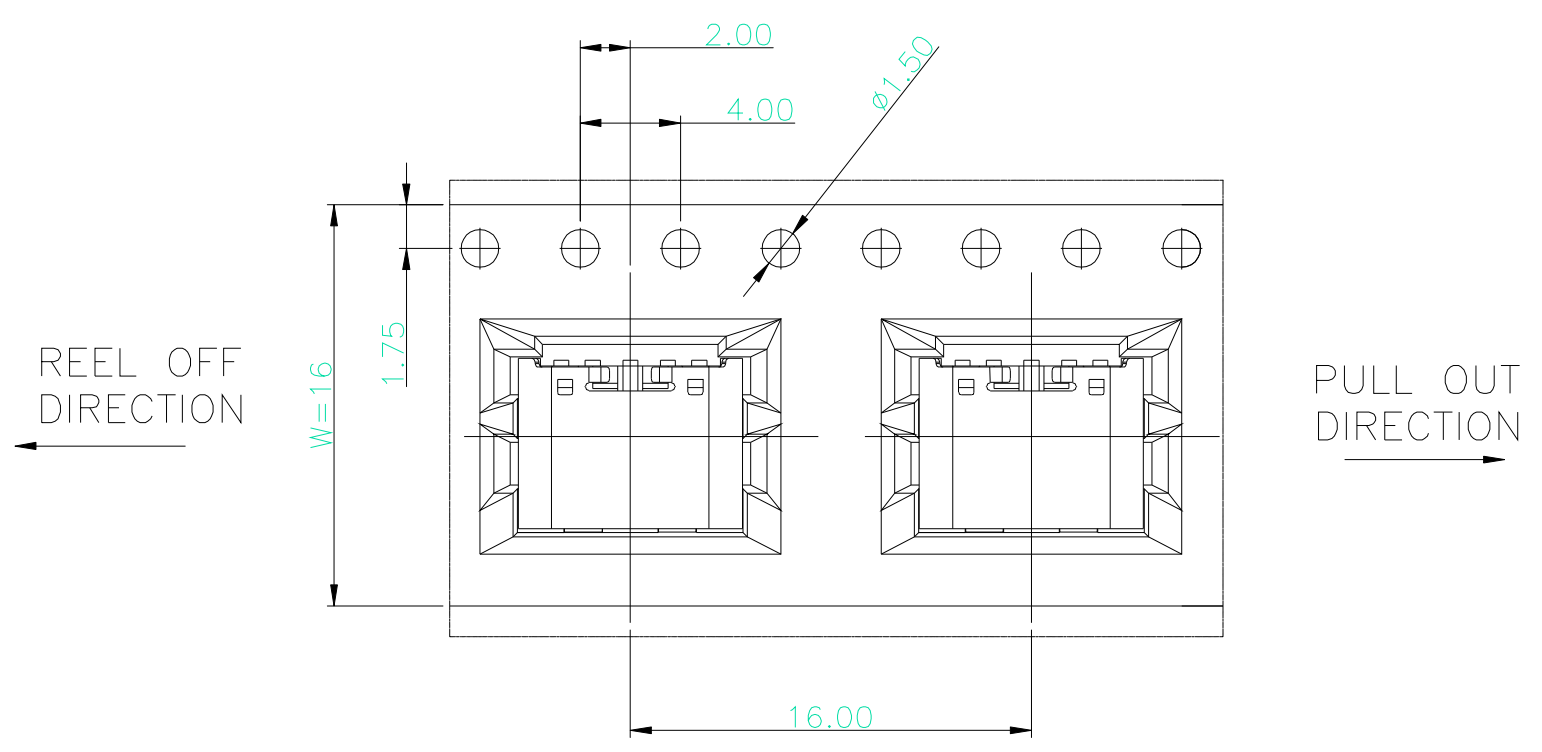
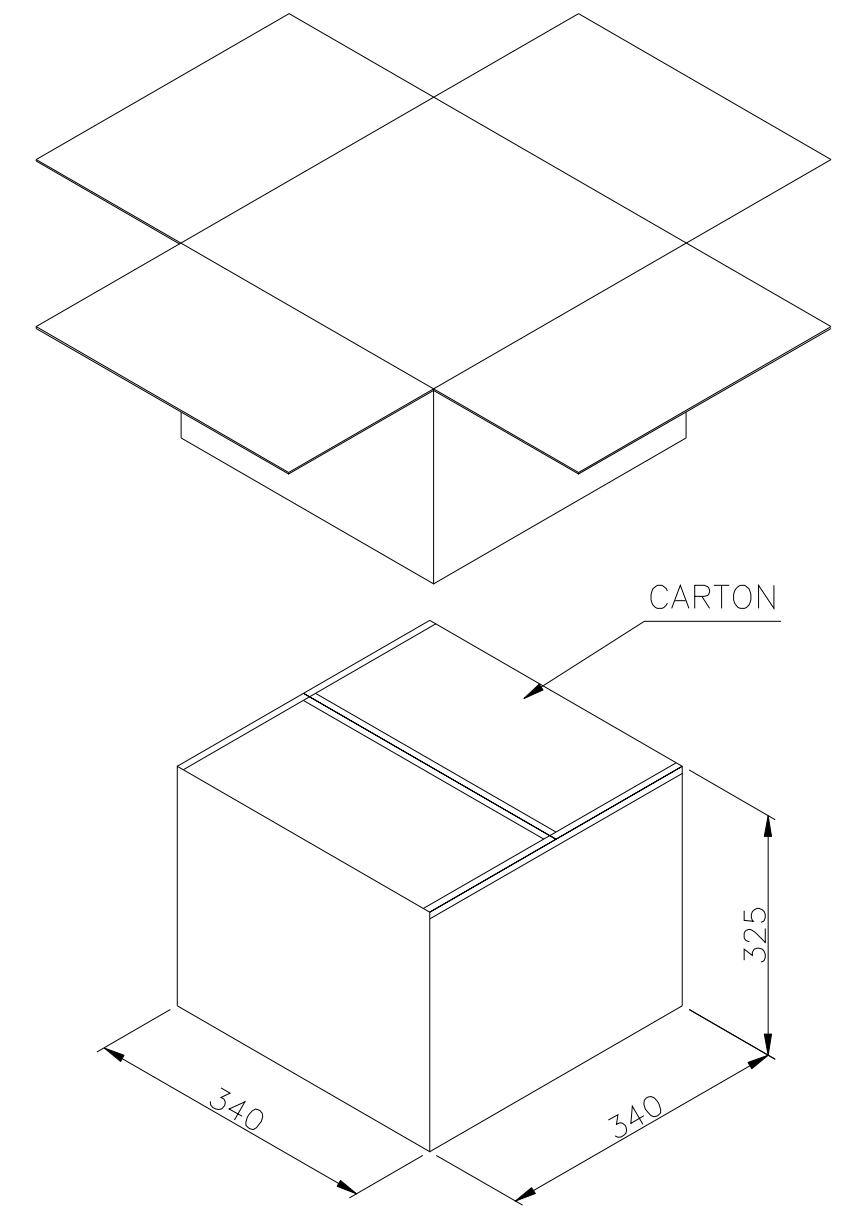
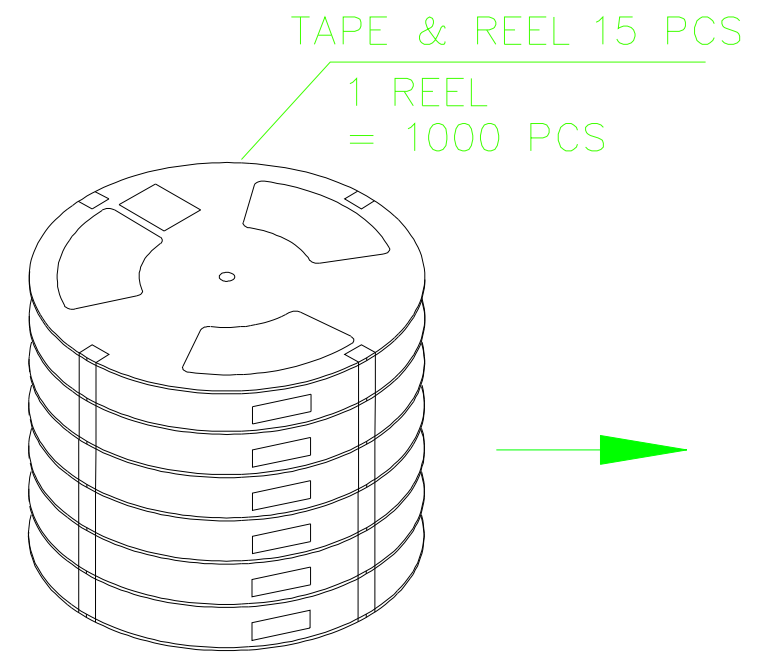
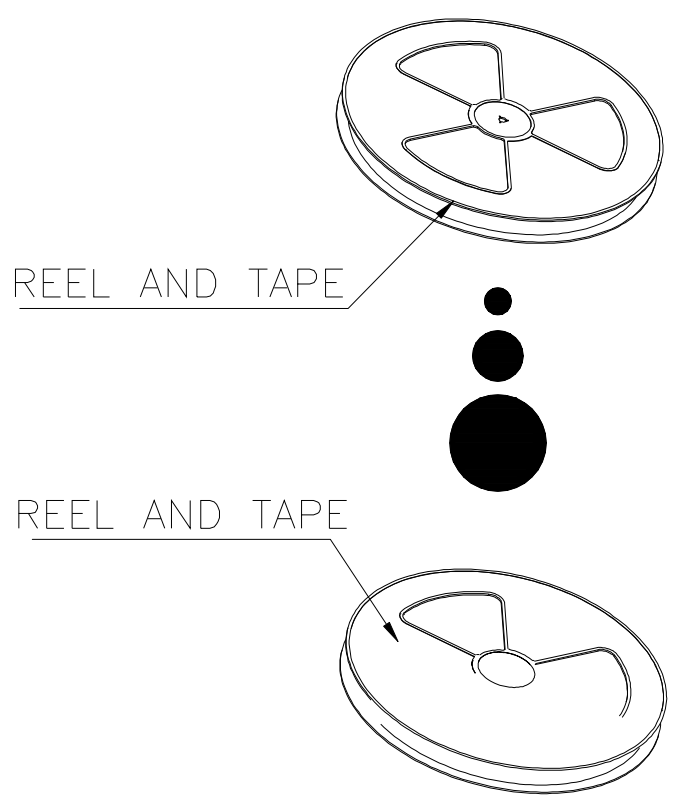
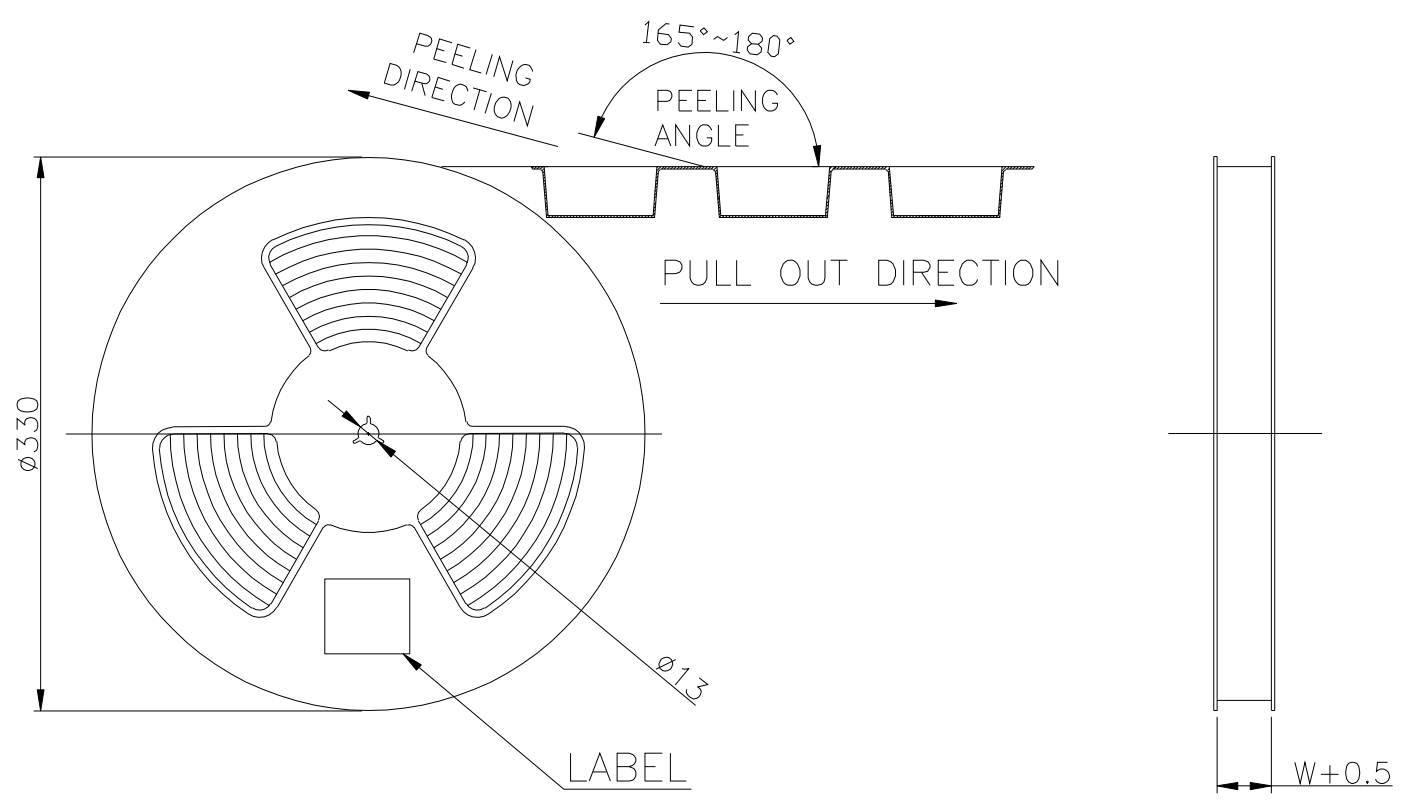
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1

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
01	ECN NO.	INITIAL RELEASED	2017.07.27	Hank Pei



SEE DETAIL X



	REEL	CARTON
CONNECTOR (PCS)	1000	10000

TOLERANCE		NAME (INTENDED USE) CUSTOMER DRAWING	三佐部品【中国】股份有限公司		
X.X ±0.30	X.° ±10°	PART NO.	TITLE: MTKEP06WD9BWLNG1N		
.XX ±0.20	.X° ±8°	DESIGN: DRAW	DRAWG NO. DRAW_NO.		
.XXX ±0.10	.XX° ±5°	CHED:	SCALE SHEET REV. SCALE SHEET REV.		
UNITS: mm		APPD:			
MATERILA					
FINISH					

6

5

4

3

2

1