

NOTES:

- MATERIAL:
  - MOLDING: LCP UL94 V-0
  - CONTACT: COPPER ALLOY.
  - 50u" Min NICKEL PLATED ALL OVER
  - GOLD PLATED ON CONTACT AREA
  - AND 100u"Min Tin ON SOLDER AREA
- MECHANICAL:
  - SHELL: SUS304-H,T=0.30±0.03mm
  - Nickel Plated 50u"Min
  - INSERTION: 5~20N.
  - EXTRACTION: 8~20N AFTER TEST .
  - DURABILITY: 10000 CYCLES
- ELECTRICAL:
  - CURRENT: 5A FOR VBUS;
  - 1.25A FOR GND PIN.
  - 0.25A FOR OTHER.
  - VOLTAGE: 20 V MAX
  - WITHSTANDING VOLTAGE: 100V AC R.M.S
  - CONTACT RESISTANCE: 40mΩ MAX.
  - INSULATION RESISTANCE: 100MΩ MIN.
- ENVIRONMENTAL:
  - TEMPERATURE RANGE -55°C ~ +85°C

UCB13-24 B B L 65 X A X-X

PIN Poles: \_\_\_\_\_

24PIN \_\_\_\_\_

B:FEMALE \_\_\_\_\_

Insulator Material: \_\_\_\_\_

L: LCP \_\_\_\_\_

HEIGHT \_\_\_\_\_

65:6.5mm \_\_\_\_\_

Plating: \_\_\_\_\_

A: G/F Plated on Contact Area

B: 3u" Plated on Contact Area

C: 5u" Plated on Contact Area

D: 10u" Plated on Contact Area

E: 15u" Plated on Contact Area

G: 30u" Plated on Contact Area

H: Tin Plated

H: HF

R: ROHS

Packing:

B: Tray

P: Bag

L: Tape reel

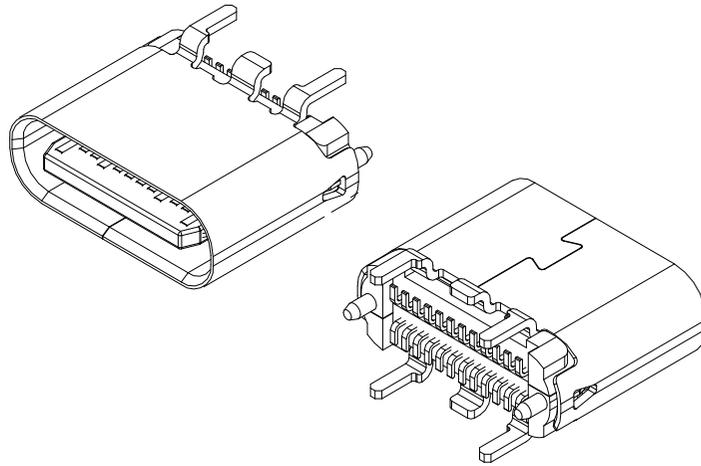
Color:

A: BLACK

备注:  
其他未备注尺寸以视图方向参照测量;  
测量工具: 2.5级游标

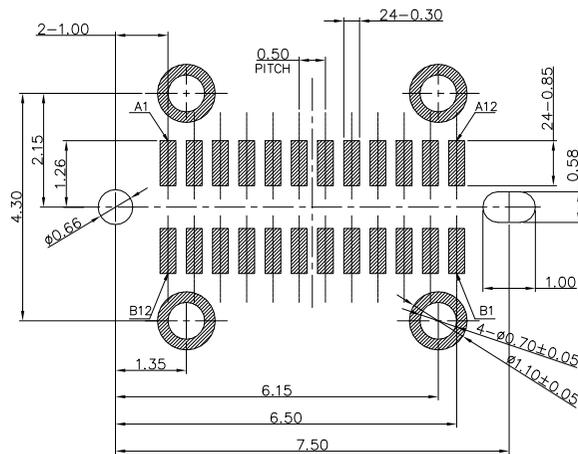
REV.	REVISION RECORD	DATE	UNIT: MM	GENERAL TOLERANCES		SCALE:	NAME	DATE	PART. NO:	DWG. NO:	
A0	新图面发行	2020.03.23		LINEAR	ANGLES	1:1					
A1	增加尺寸量测MTD	2020.10.21	0.0±0.25	X° REF±6°	APPROVED				UCB13-24BBL65GAL-H	ENDE05	
			0.00±0.15	X° ±3°	DESIGNER				TITLE:		
			SIZE: A4	0.000±0.08	X° X' ±2°	DRAWN			USB 3.1 C TYPE FEMALE STRAIGHT CONNECTOR H=6.5		
										REV: A1	SHEET: 1/4

HF



USB TYPE-C 24PIN FULL-FEATURED  
RECEPTACLE INTERFACE PIN ASSIGNMENTS

	Signal Name		Signal Name
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

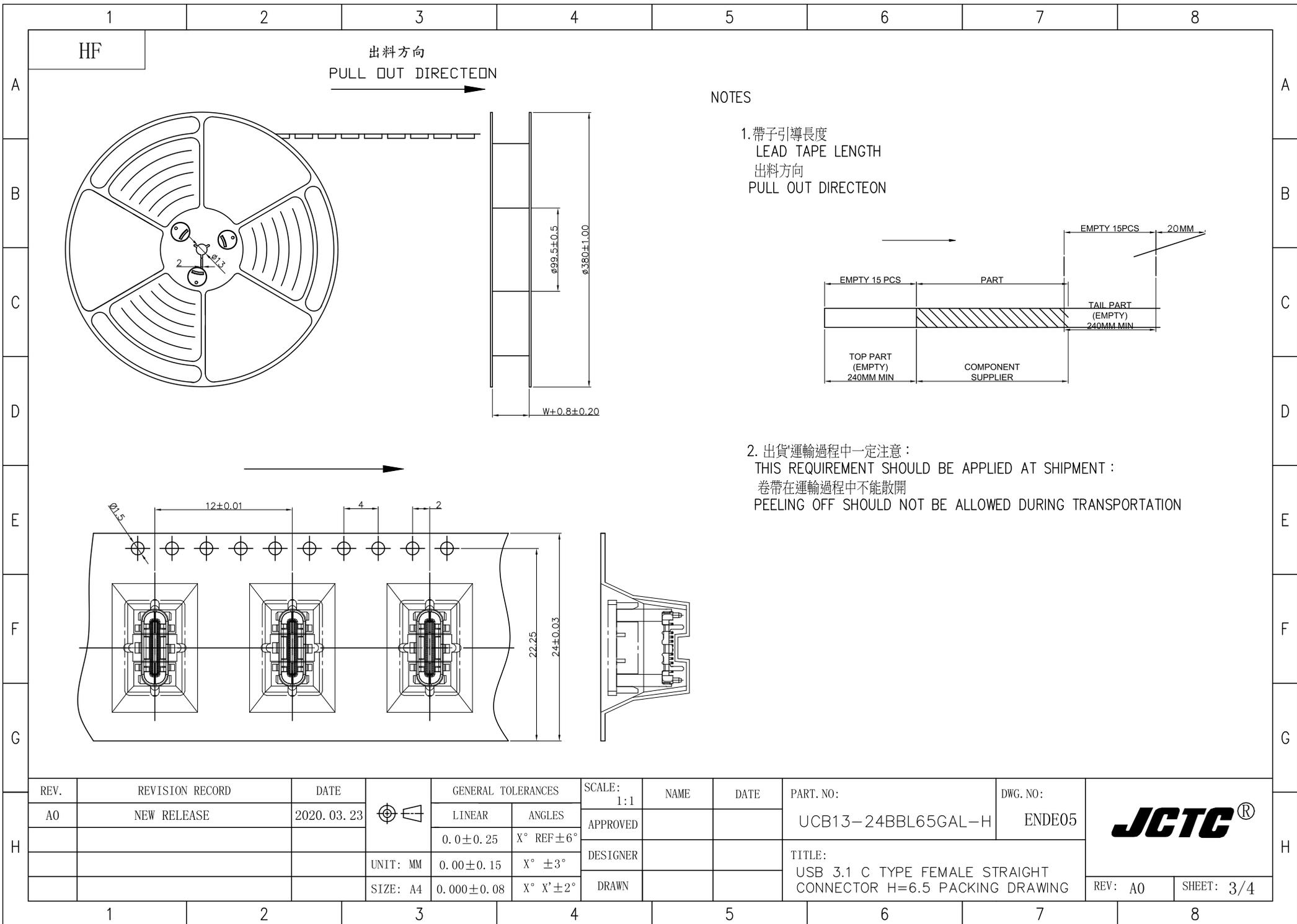


RECOMMENDED P.C.B. LAYOUT (T:1.00mm)

TOLERANCE UNSPECIFIED  $\pm 0.05\text{mm}$

SCALE: 2:1

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO: UCB13-24BBL65GAL-H	DWG. NO: ENDE05	
A0	新图面发行	2020.03.23		LINEAR	ANGLES	APPROVED					
A1	增加尺寸量测MTD	2020.10.21	UNIT: MM	$0.00 \pm 0.15$	$X^\circ \text{ REF} \pm 6^\circ$	DESIGNER	TITLE: USB 3.1 C TYPE FEMALE STRAIGHT CONNECTOR H=6.5	REV: A1	SHEET: 2/4		
			SIZE: A4	$0.000 \pm 0.08$	$X^\circ X' \pm 2^\circ$	DRAWN					

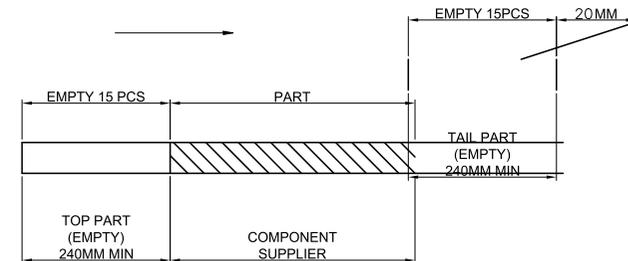


HF

出料方向  
PULL OUT DIRECTION

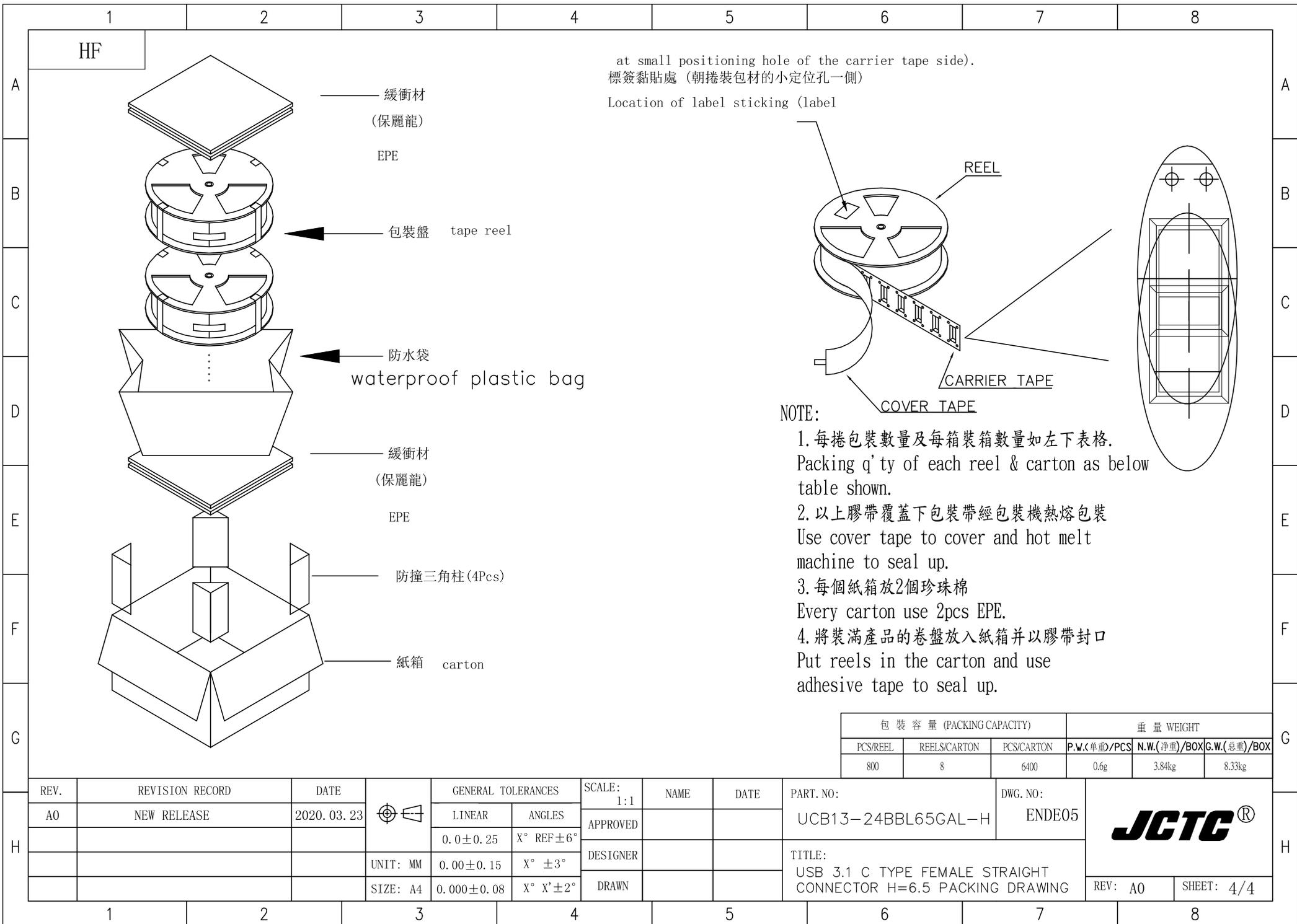
NOTES

- 帶子引導長度  
LEAD TAPE LENGTH  
出料方向  
PULL OUT DIRECTION



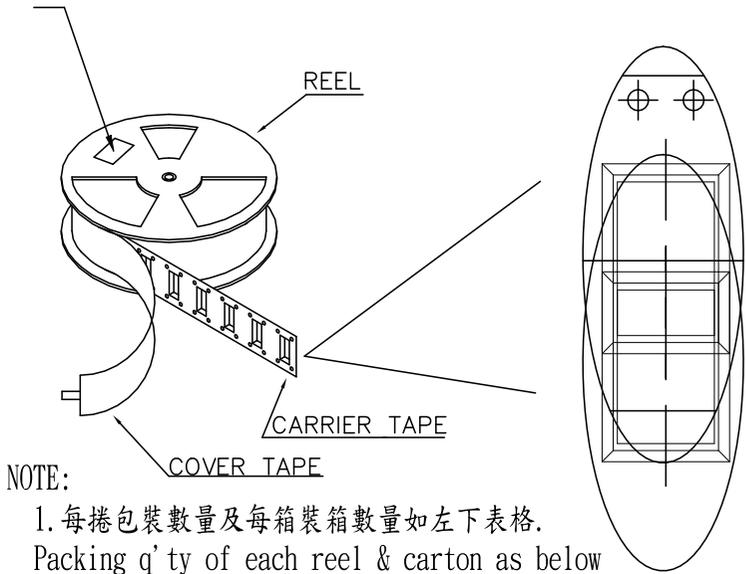
- 出貨運輸過程中一定注意：  
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT：  
卷帶在運輸過程中不能散開  
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO:	DWG. NO:	
A0	NEW RELEASE	2020.03.23		LINEAR	ANGLES	APPROVED			UCB13-24BBL65GAL-H	ENDE05	
			UNIT: MM	0.00±0.15	X° REF±6°	DESIGNER			TITLE:		
			SIZE: A4	0.000±0.08	X° X'±2°	DRAWN			USB 3.1 C TYPE FEMALE STRAIGHT CONNECTOR H=6.5 PACKING DRAWING	REV: A0	



at small positioning hole of the carrier tape side).  
 標籤黏貼處 (朝捲裝包材的小定位孔一側)

Location of label sticking (label



NOTE:

1. 每捲包裝數量及每箱裝箱數量如左下表格。  
Packing q'ty of each reel & carton as below table shown.
2. 以上膠帶覆蓋下包裝帶經包裝機熱熔包裝  
Use cover tape to cover and hot melt machine to seal up.
3. 每個紙箱放2個珍珠棉  
Every carton use 2pcs EPE.
4. 將裝滿產品的卷盤放入紙箱并以膠帶封口  
Put reels in the carton and use adhesive tape to seal up.

包裝容量 (PACKING CAPACITY)			重量 WEIGHT		
PCS/REEL	REELS/CARTON	PCS/CARTON	P.W.(單重)/PCS	N.W.(淨重)/BOX	G.W.(總重)/BOX
800	8	6400	0.6g	3.84kg	8.33kg

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART. NO:	DWG. NO:	
AO	NEW RELEASE	2020.03.23		LINEAR	ANGLES	APPROVED			UCB13-24BBL65GAL-H	ENDE05	
				0.0±0.25	X° REF±6°	DESIGNER					
				UNIT: MM	0.00±0.15	X° ±3°	DRAWN				
			SIZE: A4	0.000±0.08	X° X'±2°				TITLE: USB 3.1 C TYPE FEMALE STRAIGHT CONNECTOR H=6.5 PACKING DRAWING	REV: AO	SHEET: 4/4