

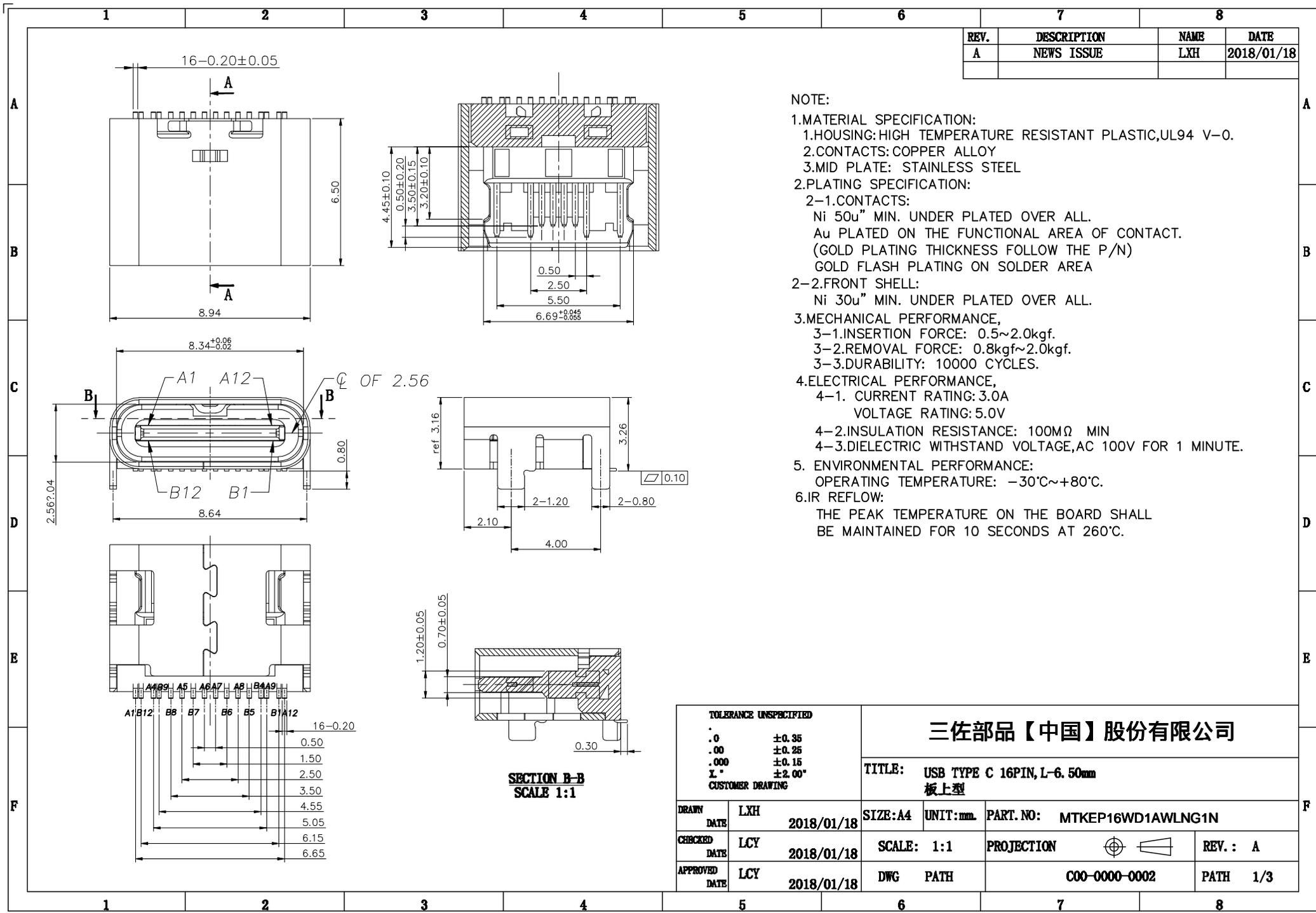
REV.	DESCRIPTION	NAME	DATE
A	NEWS ISSUE	LXH	2018/01/18

NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
  - CONTACTS: COPPER ALLOY
  - MID PLATE: 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)
    - GOLD FLASH PLATING ON SOLDER AREA
  - FRONT SHELL:
    - Ni 30u" MIN. UNDER PLATED OVER ALL.
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - CURRENT RATING: 3.0A  
VOLTAGE RATING: 5.0V
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
 

OPERATING TEMPERATURE: -30°C~+80°C.
- IR REFLOW:
 

THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



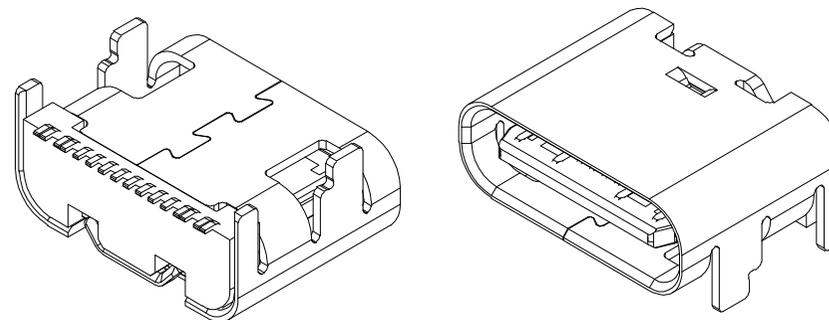
TOLERANCE UNSPECIFIED		三佐部品【中国】股份有限公司			
.0	±0.35	TITLE: USB TYPE C 16PIN, L-6.50mm 板上型			
.00	±0.25				
.000	±0.15				
X"	±2.00"				
CUSTOMER DRAWING		SIZE: A4	UNIT: mm	PART. NO: MTKEP16WD1AWLNG1N	
DRAWN DATE	LXH 2018/01/18	SCALE: 1:1		PROJECTION	REV.: A
CHECKED DATE	LCY 2018/01/18	DWG PATH		C00-0000-0002	
APPROVED DATE	LCY 2018/01/18			PATH 1/3	

7.P/N: UCR01-1161K-00BR

16:16 PIN

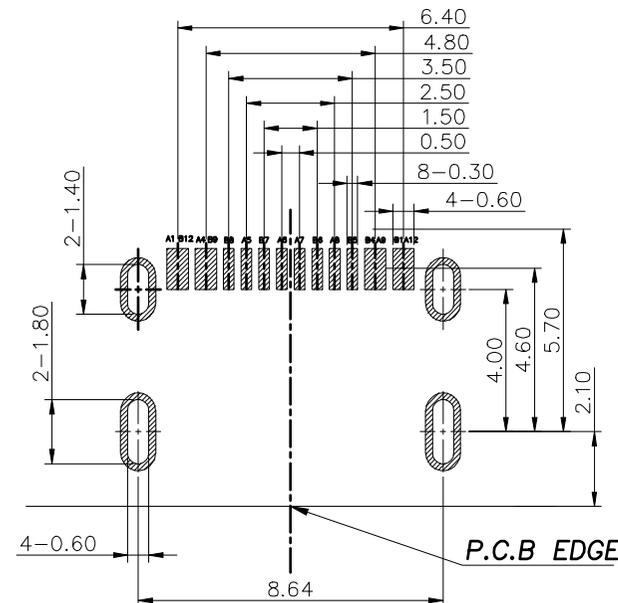
B:Blck  
N:NATURE

K: GOLD FLASH PLATING ON CONTACT AREA,  
GOLD FLASH PLATING ON SOLDER AREA  
M: 5u" GOLD PLATING ON CONTACT AREA,  
GOLD FLASH PLATING ON SOLDER AREA  
P: 15u" GOLD PLATING ON CONTACT AREA,  
GOLD FLASH PLATING ON SOLDER AREA  
U: 30u" GOLD PLATING ON CONTACT AREA,  
GOLD FLASH PLATING ON SOLDER AREA



**USB TYPE-C PIN ASSIGNMENTS**

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

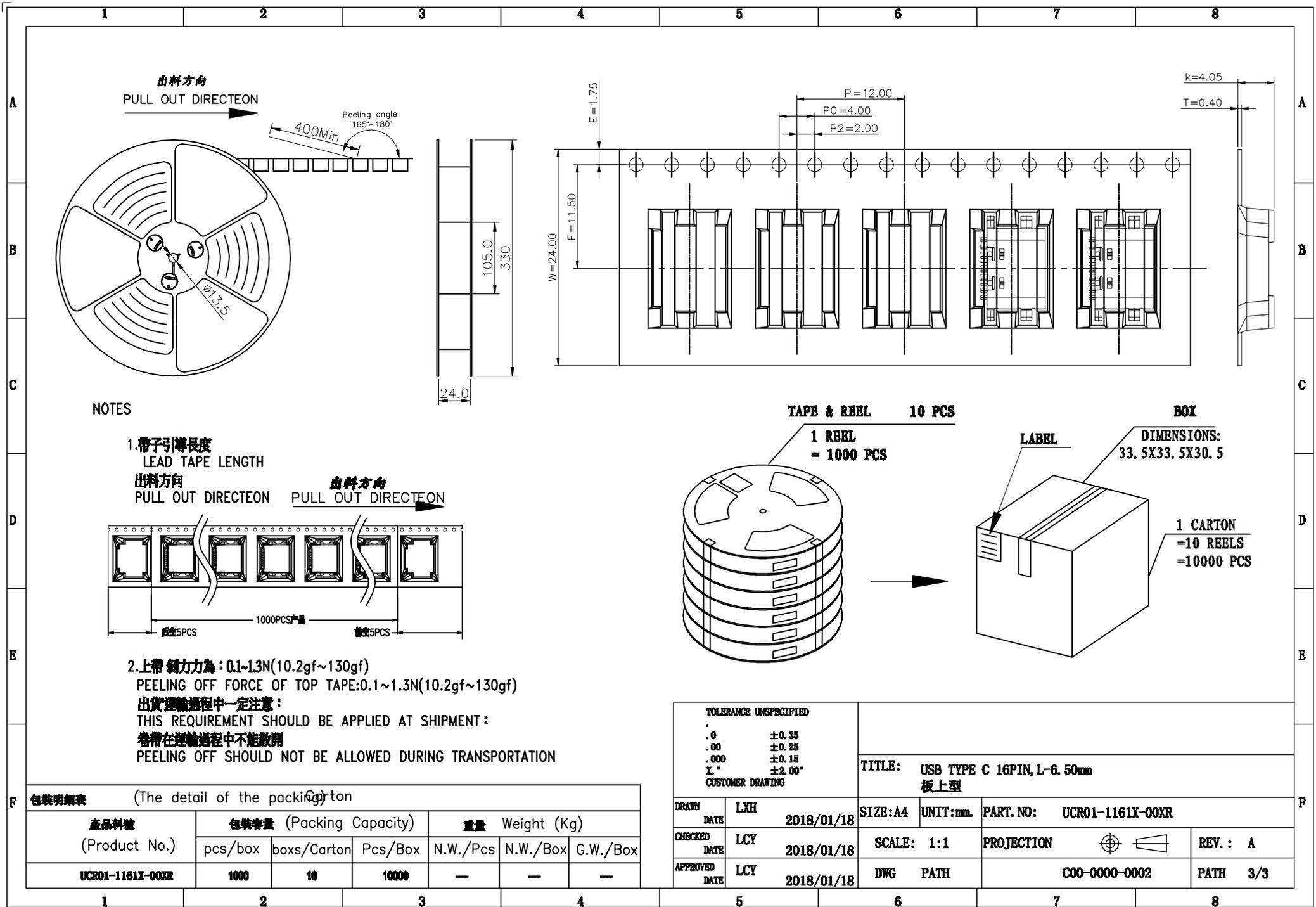


RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS ± 0.05

TOLERANCE UNSPECIFIED	
.0	±0.35
.00	±0.25
.000	±0.15
1"	±2.00"
CUSTOMER DRAWING	

TITLE: USB TYPE C 16PIN, L-6.50mm  
板上型

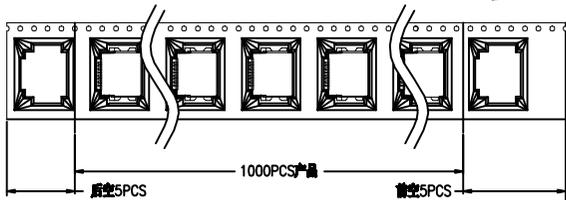
DRAWN DATE	LXH	2018/01/18	SIZE:A4	UNIT:mm.	PART. NO:	UCR01-1161K-00XR
CHECKED DATE	LCY	2018/01/18	SCALE:	1:1	PROJECTION	REV.: A
APPROVED DATE	LCY	2018/01/18	DWG	PATH	C00-0000-0002	PATH 2/3



**NOTES**

1. 帶子引導長度  
LEAD TAPE LENGTH

出料方向  
PULL OUT DIRECTEON



2. 上帶剝力為：0.1~1.3N(10.2gf~130gf)  
PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)

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啟開  
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION

**包裝明細表** (The detail of the packing)

產品料號 (Product No.)	包裝容量 (Packing Capacity)			重量 Weight (Kg)		
	pcs/box	boxes/Carton	Pcs/Box	N.W./Pcs	N.W./Box	G.W./Box
UCR01-1161X-00XR	1000	10	10000	—	—	—

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.0	±0.35	SIZE: A4	UNIT: mm.
.00	±0.25	PART. NO: UCR01-1161X-00XR	
.000	±0.15	SCALE: 1:1	PROJECTION
X"	±2.00"	DWG PATH	REV.: A
CUSTOMER DRAWING		C00-0000-0002	PATH 3/3

