

REV.	DESCRIPTION	NAME	DATE
A	NEWS ISSUE	RainYi	2022/06/21

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.CONTACTS:COPPER ALLOY
- 3.SHELL: STAINLESS STEEL
- 4.MID PLATE: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.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

2-2.FRONT SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 10000 CYCLES.

4.ELECTRICAL PERFORMANCE,

4-1. CURRENT RATING:5.0A

VOLTAGE RATING: 20V

4-2.INSULATION RESISTANCE: 100MΩ MIN

4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

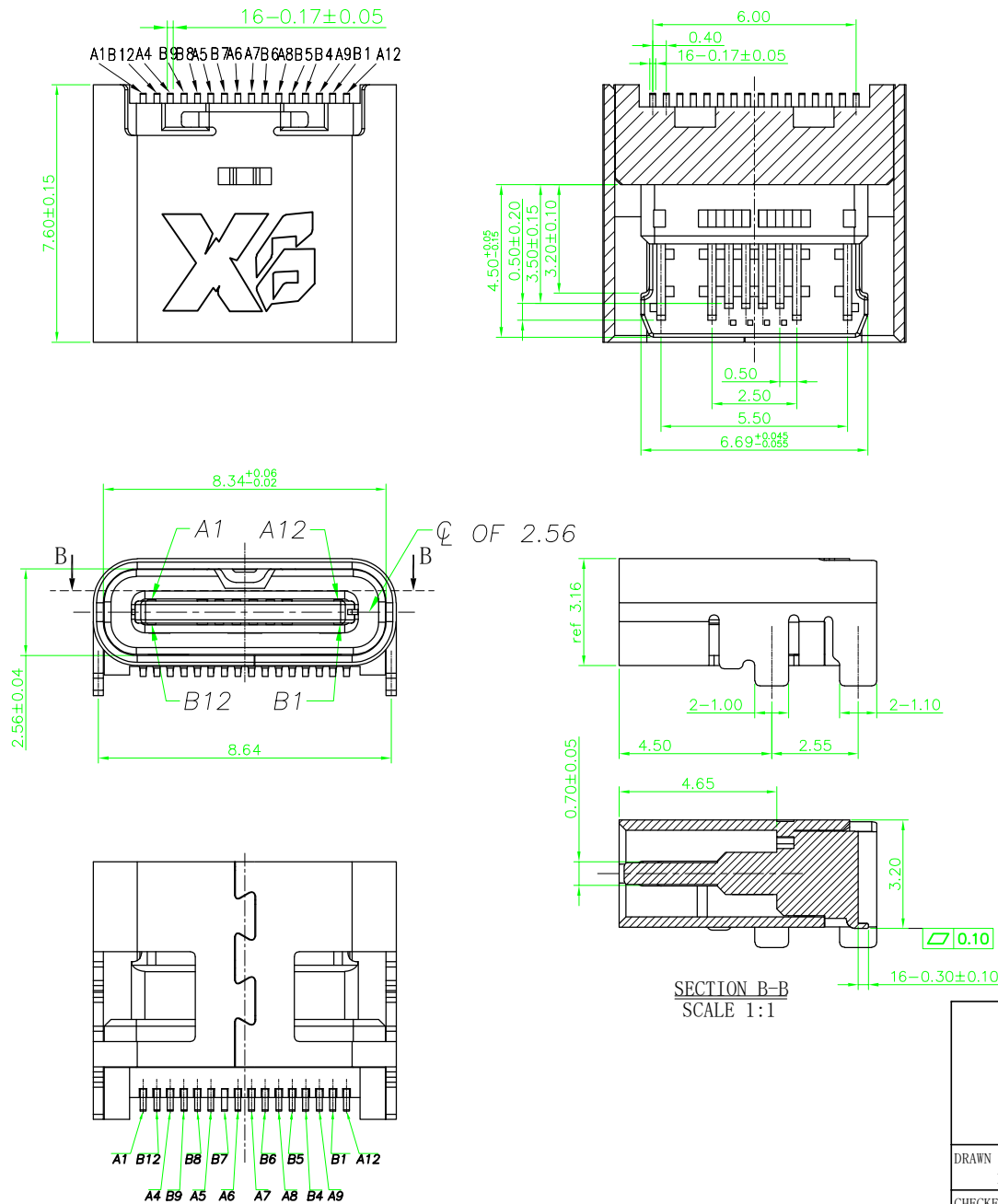
4-4.LOW CONTACT RESISTANCE: INITIAL 40MΩ
AFTER 50MΩ

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -30°C~+80°C.

6.IR REFLOW:

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



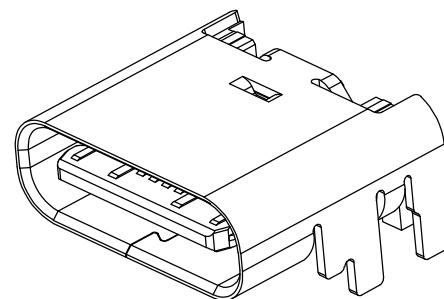
TOLERANCE UNSPECIFIED		 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			
.0	±0.35				
.00	±0.25				
.000	±0.15				
X.*	±2.00*				
CUSTOMER DRAWING		TITLE: USB TYPE C 16PIN, L-7.60mm板上型 客户图			
DRAWN	He. Long. Fei	SIZE: A4	UNIT: mm.	PART. NO:	XB-TYPEC-16P-016XX
DATE	2022/06/21				
CHECKED	Long. Liu. Ting	SCALE: 1:1	PROJECTION	REV. : A	C00-0000-00XX
DATE	2022/06/21				
APPROVED	Lai. Hai. Jie	DWG	PATH	PATH	1/2
DATE	2022/06/21				

7.P/N: XB-TYPEC-16P-016XX

16:16 PIN

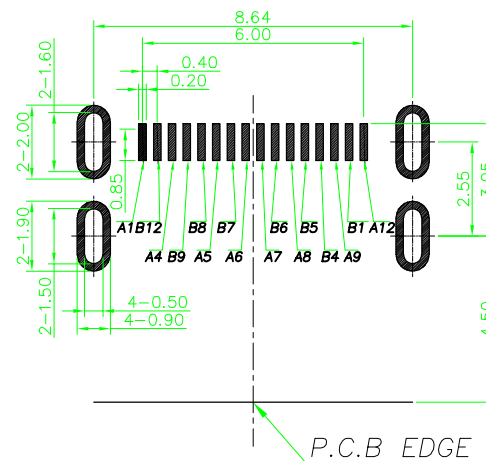
B:Blck

K: GOLD FLASH PLATING ON CONTACT AREA,
GOLD FLASH PLATING ON SOLDER AREA



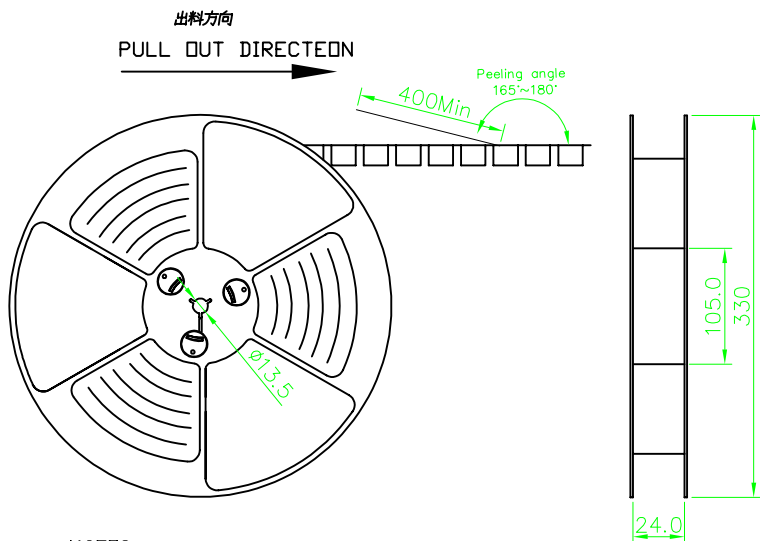
USB TYPE-C PIN ASSIGNMENTS

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 X.° ±2.00° CUSTOMER DRAWING		XB 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.			
		TITLE: USB TYPE C 16PIN, L-7.60mm板上型 客户图			
DRAWN DATE	He. Long. Fei 2019/12/11	SIZE: A4	UNIT: mm.	PART. NO: XB-TYPEC-16P-016XX	
CHECKED DATE	Long. Liu. Ting 2019/12/11	SCALE: 1:1	PROJECTION		REV.: A
APPROVED DATE	Lai. Hai. Jie 2019/12/11	DWG PATH	C00-0000-0XX		PATH 2/2

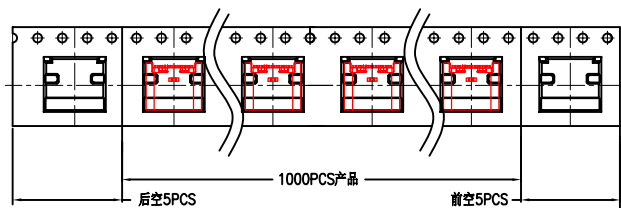


NOTES

1.帶子引導長度

LEAD TAPE LENGTH

出料方向
PULL OUT DIRECTEON



2.上帶 剝力力為: 0.1~1.3N(10.2gf~130gf)

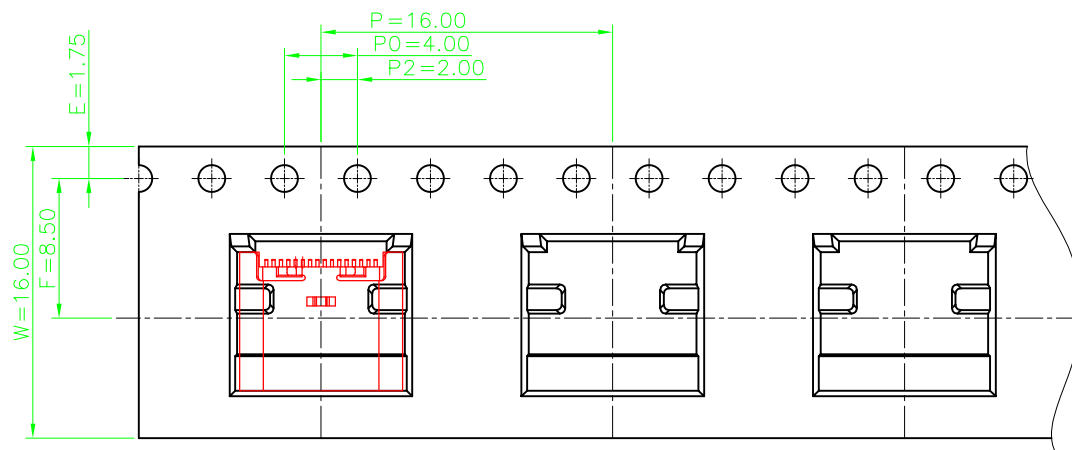
PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)

出貨'運輸過程中一定注意:

THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:

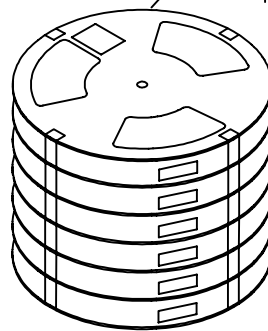
卷帶在運輸過程中不能散開

PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



TAPE & REEL 10 PCS

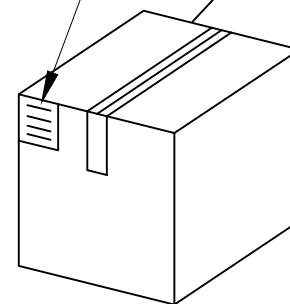
1 REEL
= 1000 PCS



BOX

DIMENSIONS:
33.5X33.5X30.5

LABEL



1 CARTON
=10 REELS
=10000 PCS

TOLERANCE UNSPECIFIED	
.0	±0.35
.00	±0.25
.000	±0.15
X. °	±2.00°
CUSTOMER DRAWING	

XB 东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.

TITLE: USB TYPE C 16PIN, L-7.60mm 板上型
客户图

DRAWN DATE	He. Long. Fei 2022/06/21
CHECKED DATE	Long. Liu. Ting 2022/06/21
APPROVED DATE	Lai. Hai. Jie 2022/06/21

SIZE: A4	UNIT: mm.	PART. NO: XB-TYPEC-16P-016XX
SCALE: 1:1	PROJECTION	REV.: A
DWG PATH	C00-0000-00XX	PATH 3/3

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	boxs/Carton	Pcs/Box	N.W./Pcs	N.W./Box	G.W./Box
XB-TYPEC-16P-016XX	1000	10	14000	----	----	----