

REV.	DESCRIPTION	NAME	DATE
A	NEWS ISSUE	LXH	2020/07/23
B	更换图框	Rain.Yi	2021/06/05

NOTE:

1.MATERIAL SPECIFICATION:

- 1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 2.CONTACTS: COPPER ALLOY
- 3.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,

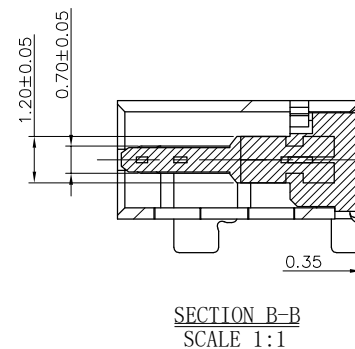
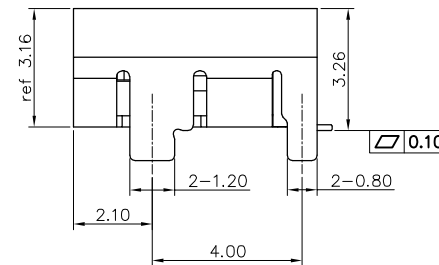
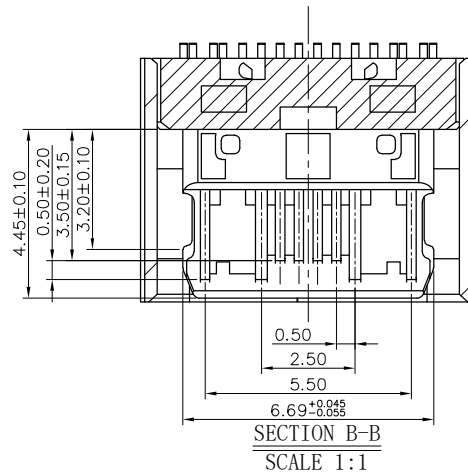
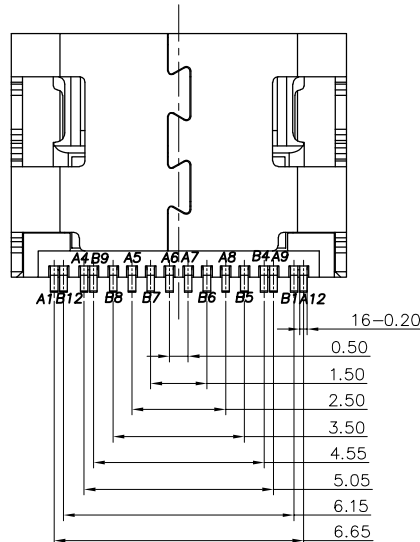
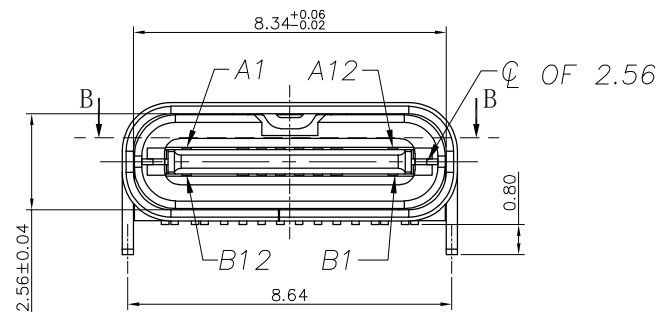
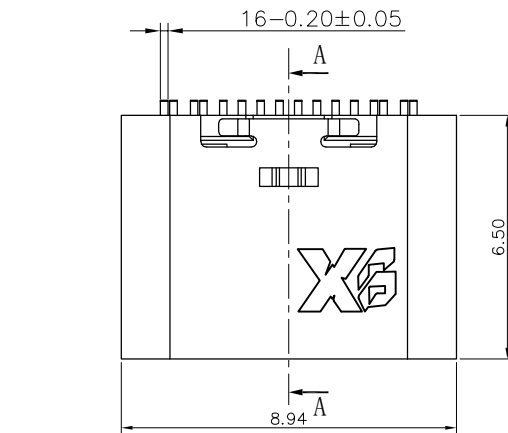
- 4-1. CURRENT RATING:5A
VOLTAGE RATING: 20V
- 4-2.INSULATION RESISTANCE: 100MΩ MIN
- 4-3.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- 4-4.LOW CONTACT RESISTANCE: INITIAL 40MΩ
AFTER 50MΩ

5. ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -30℃~+80℃.

6.IR REFLOW:

- THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260℃.



TOLERANCE UNSPECIFIED .0 ±0.35 .00 ±0.25 .000 ±0.15 X.° ±2.00° ASSEMBLY DRAWING		XB 东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONICS CO., LTD.	
DRAWN He. Long. Fei		SIZE: A4	UNIT: mm.
DATE 2021/06/05		PART. NO: XB-TYPEC-16P-4161X	
CHECKED Long. Liu. Ting		SCALE: 1:1	PROJECTION
DATE 2021/06/05			REV.: B
APPROVED Lai. Hai. Jie		DWG PATH	C00-0000-0069
DATE 2021/06/05			PATH 1/3

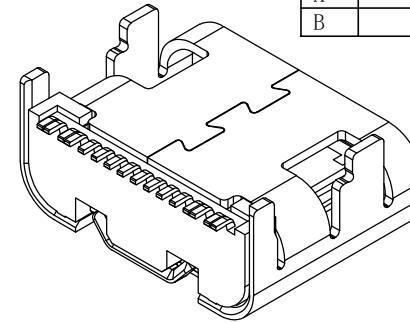
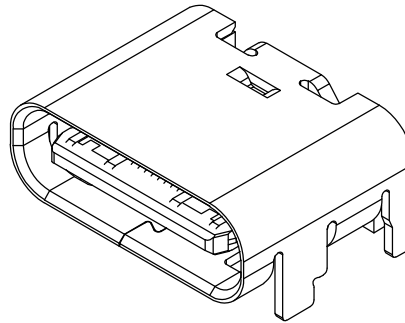
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7.P/N: XB-TYPEC-16P-4161X

16:16 PIN

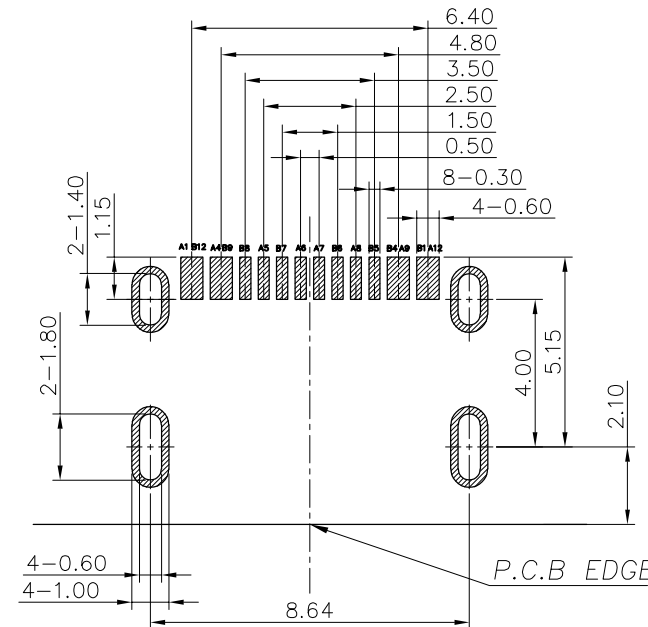
B:Blck
N:NATURE

- 1: GOLD FLASH PLATING ON CONTACT AREA,
GOLD FLASH PLATING ON SOLDER AREA
- 3: 3u" PLATING ON CONTACT AREA,
GOLD FLASH PLATING ON SOLDER AREA
- 5: 5u" 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

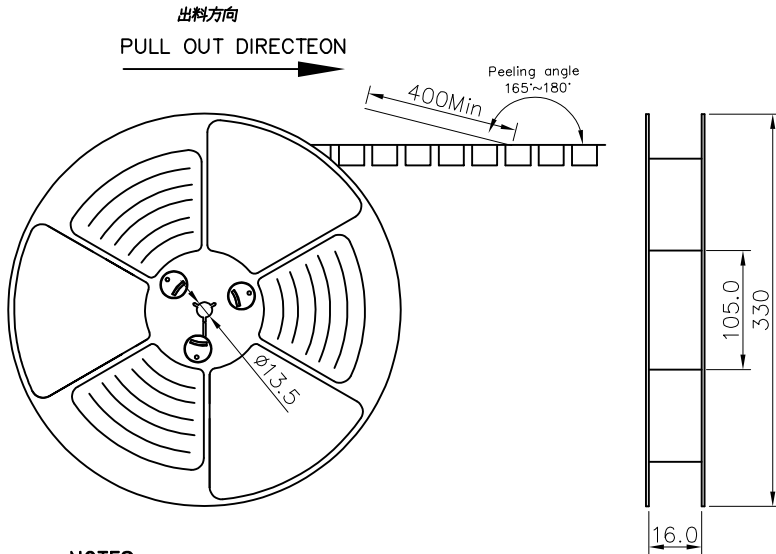
.0 ± 0.35
.00 ± 0.25
.000 ± 0.15
X.° $\pm 2.00^\circ$
ASSEMBLY DRAWING

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

TITLE: USB TYPE C 16PIN, L-6.50mm
板上型

DRAWN DATE	He. Long. Fei 2021/06/05	SIZE: A4	UNIT: mm.	PART. NO: XB-TYPEC-16P-4161X	
CHECKED DATE	Long. Liu. Ting 2021/06/05	SCALE: 1:1	PROJECTION	REV.: B	
APPROVED DATE	Lai. Hai. Jie 2021/06/05	DWG PATH	C00-0000-0069	PATH 2/3	

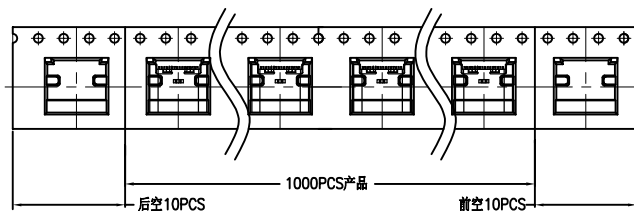
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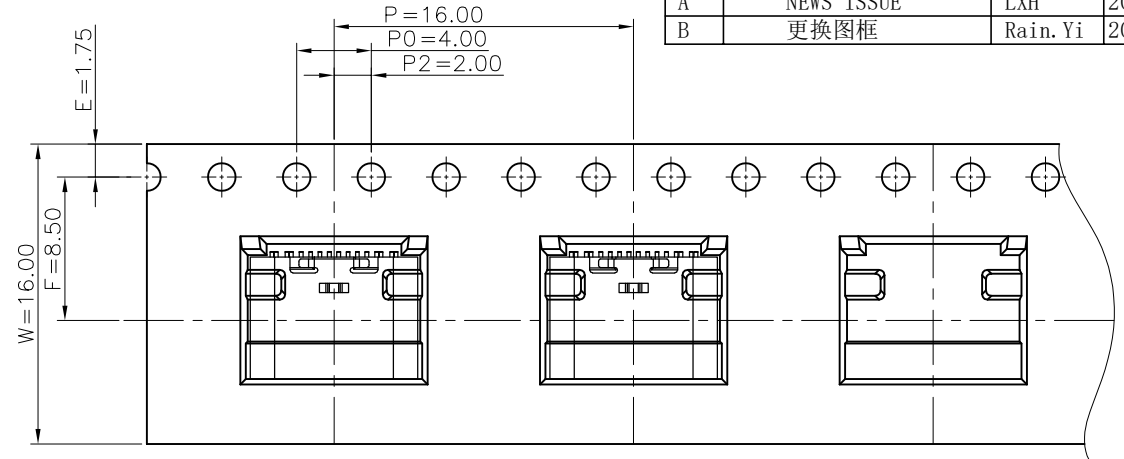
NOTES

1.帶子引導長度
LEAD TAPE LENGTH

出料方向
PULL OUT DIRECTEON

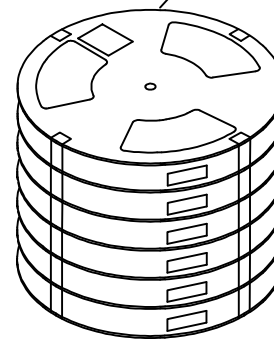


2.上帶 剝力為: 0.1~1.3N(10.2gf~130gf)
PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)
出貨'運輸過程中一定注意:
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:
卷帶在運輸過程中不能散開
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



TAPE & REEL 10 PCS

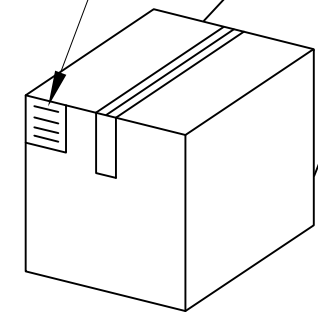
1 REEL
= 1000 PCS



BOX

DIMENSIONS:
33.5X33.5X30.5

LABEL



1 CARTON
=14 REELS
=14000 PCS

TOLERANCE UNSPECIFIED

.0 ±0.35
.00 ±0.25
.000 ±0.15
X.° ±2.00°
ASSEMBLY DRAWING

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DONG GUAN XI BANG ELECTRONICS CO., LTD.

TITLE: USB TYPE C 16PIN, L-6.50mm
板上型

DRAWN He. Long. Fei
DATE 2021/06/05
CHECKED Long. Liu. Ting
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SIZE: A4 UNIT: mm. PART. NO: XB-TYPEC-16P-4161X

SCALE: 1:1 PROJECTION REV.: B

DWG PATH C00-0000-0069 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-4161X	1000	14	14000	----	----	----