

REV.	DESCRIPTION	NAME	DATE
A	2021.06.05	LXH	
B	Change frame	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
- 4.INSIDE SHELL:STAINLESS STEEL
- 5.OUTSIDE SHELL: 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.INSIDE SHELL OR OUTSIDE 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.

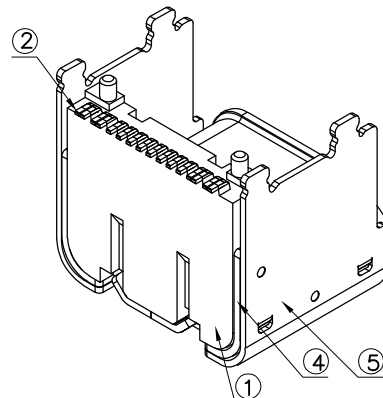
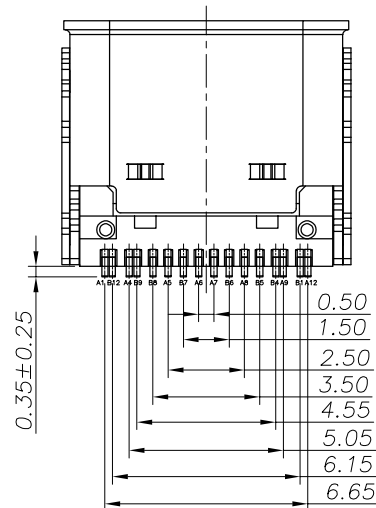
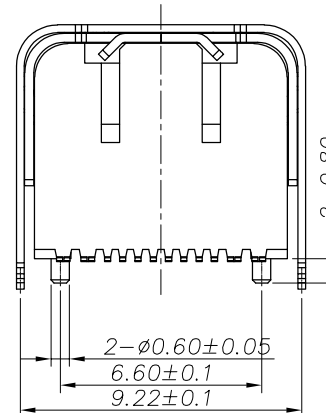
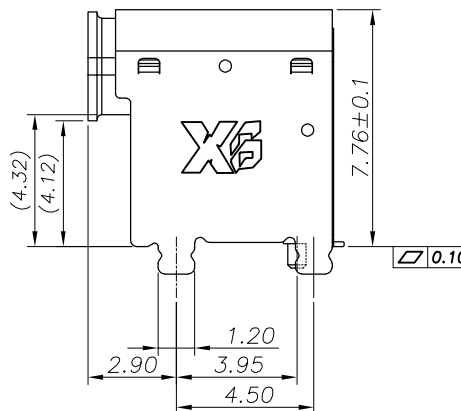
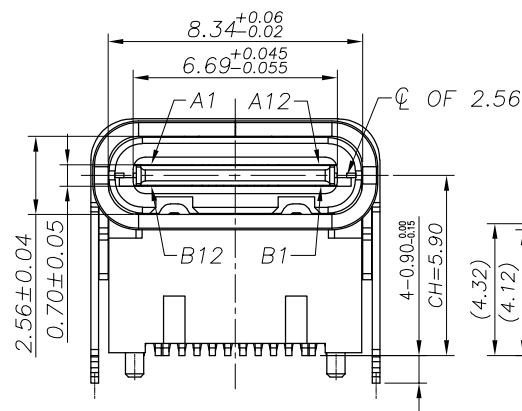
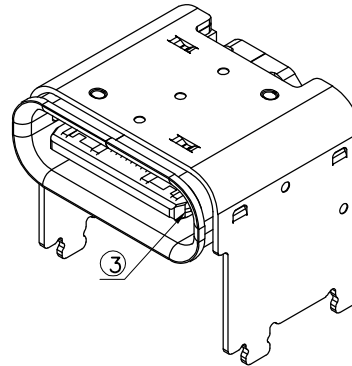
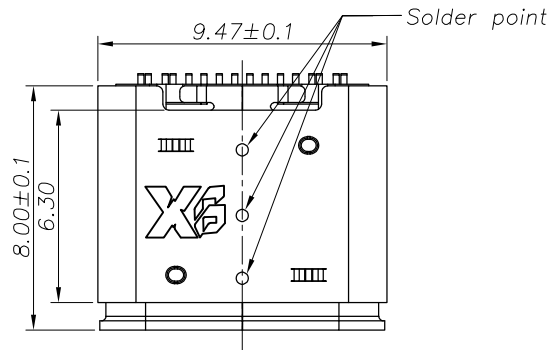
4-4.LOW CONTACT RESISTANCE: INITIAL 40MΩ
AFTER 50MΩ

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.°	±1.00°
ASSEMBLY DRAWING	

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

TITLE: USB TYPE C 16PIN,
板上垫高4.30mm

DRAWN DATE	He. Long. Fei 2021/06/05	SIZE: A4	UNIT: mm.	PART. NO: XB-TYPEC-16P-0161XR		
CHECKED DATE	Long. Liu. Ting 2021/06/05	SCALE: 1:1		PROJECTION		REV.: B
APPROVED DATE	Lai. Hai. Jie 2021/06/05	DWG PATH		C00-0000-0064		PATH 1/3

7.P/N: XB-TYPEC-16P-0161XR

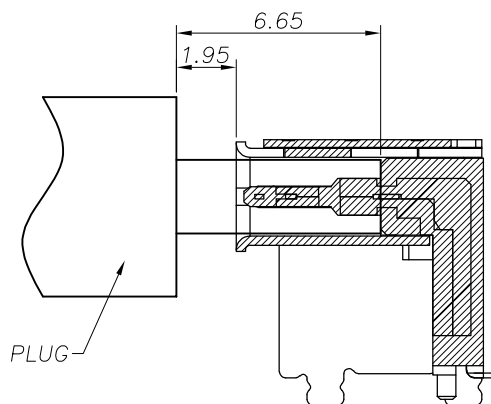
16:16 PIN

B:Black
N:NATURE

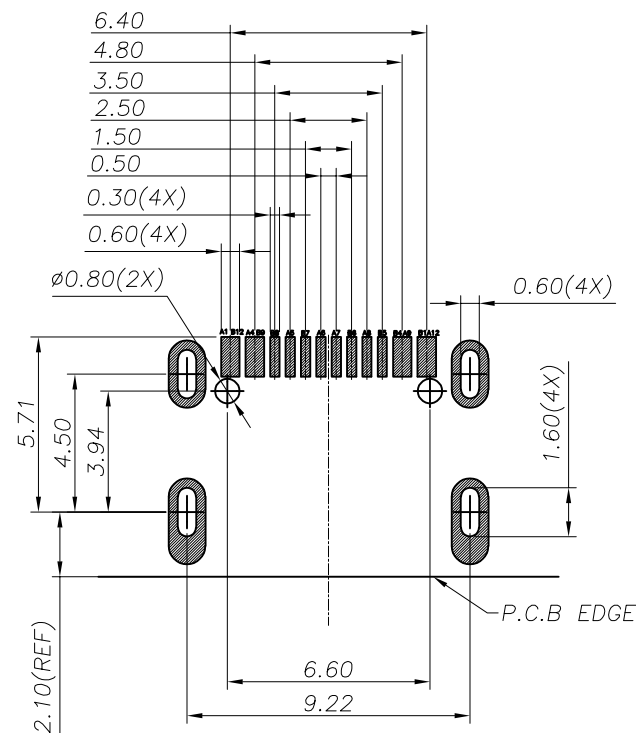
- 1: GOLD FLASH PLATING ON CONTACT AREA,
GOLD FLASH PLATING ON SOLDER AREA
- 3: 3u" GOLD PLATING ON CONTACT AREA,
GOLD FLASH PLATING ON SOLDER AREA
- 5: 3u" GOLD PLATING ON CONTACT AREA,
GOLD FLASH PLATING ON SOLDER AREA

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

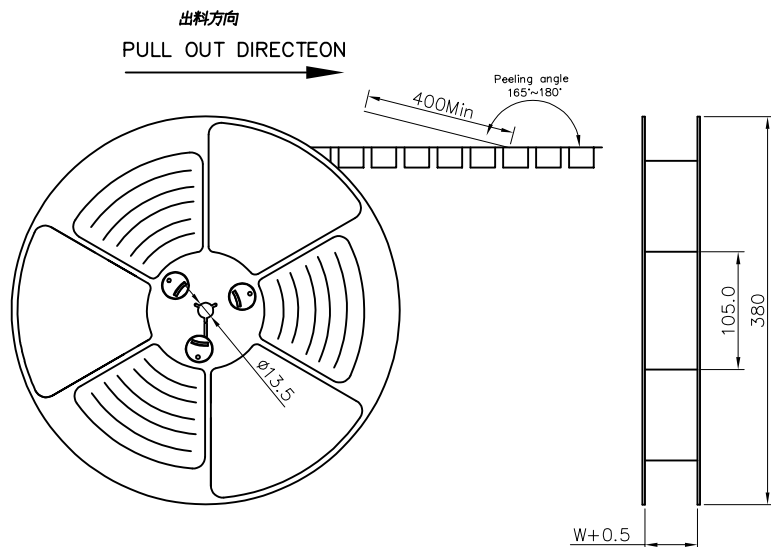


AFTER MATING
SCALE 1:1



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. ° $\pm 1.00^\circ$ ASSEMBLY 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, 板上垫高4.30mm			
DRAWN DATE	He. Long. Fei 2021/06/05	SIZE: A4	UNIT: mm.	PART. NO: XB-TYPEC-16P-0161XR	
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APPROVED DATE	Lai. Hai. Jie 2021/06/05	DWG PATH	C00-0000-0064		PATH 2/3



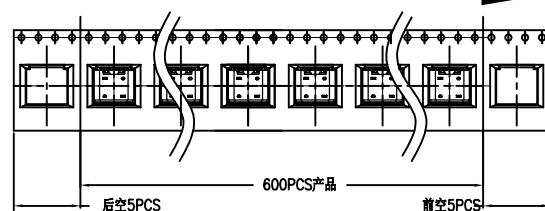
NOTES

1.帶子引導長度

LEAD TAPE LENGTH

出料方向
PULL OUT DIRECTEON

出料方向
PULL OUT DIRECTEON



2.上帶 剥离力為: 0.1~1.3N(10.2gf~130gf)

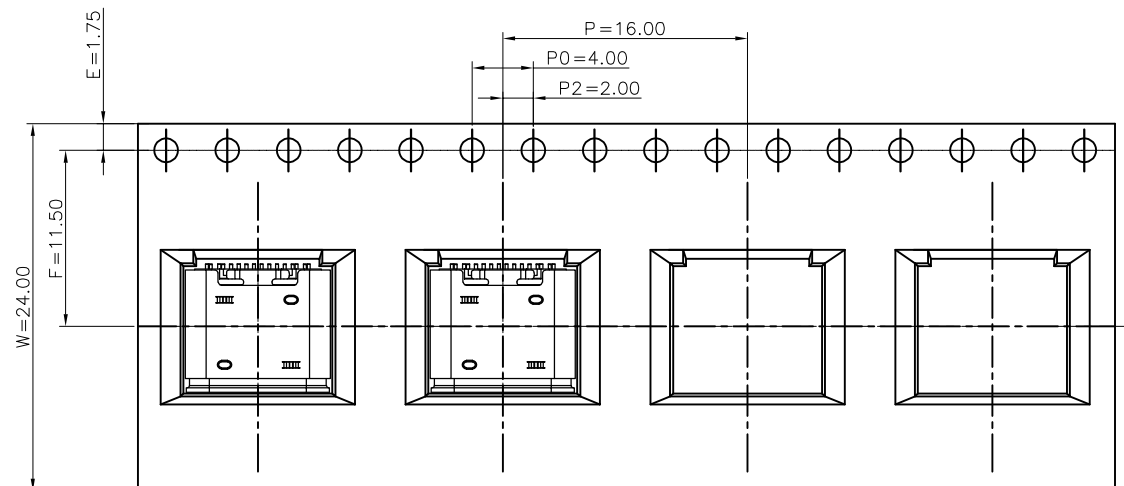
PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)

出貨'運輸過程中一定注意:

THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:

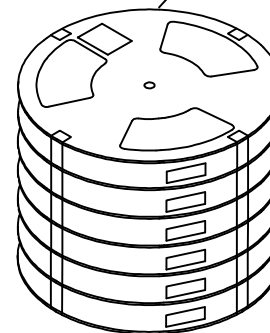
卷帶在運輸過程中不能散開

PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



TAPE & REEL 7 PCS

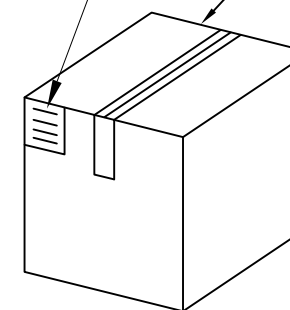
1 REEL
= 600 PCS



BOX

DIMENSIONS:
39.5X39.5X20

LABEL



1 CARTON
=6 REELS
=3600 PCS

包裝明細表 (The detail of the packing) Carton						
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
XB-TYPEC-16P-0161XR	600	6	3600	----	----	----

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X.° ±1.00°		APPROVED DATE	Lai.Hai.Ting	DWG PATH	REV.: B
ASSEMBLY DRAWING			2021/06/05	C00-0000-0064	PATH 3/3