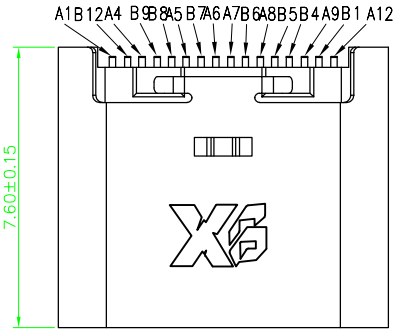
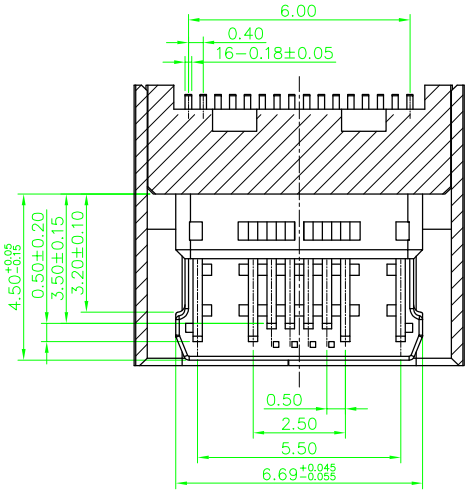
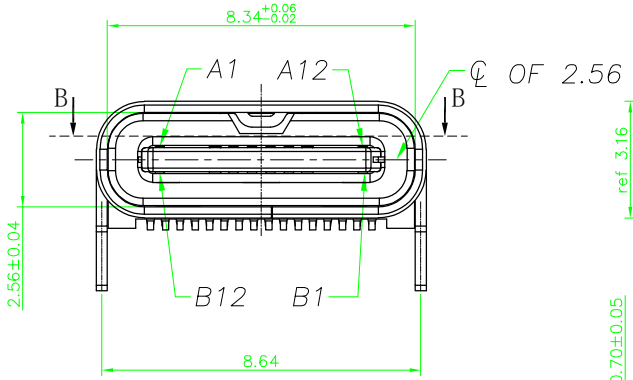
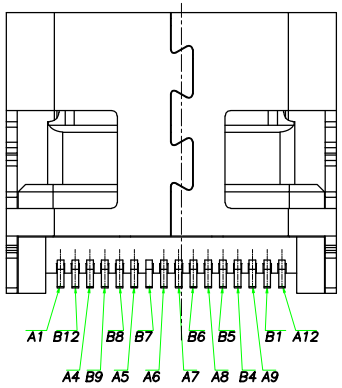
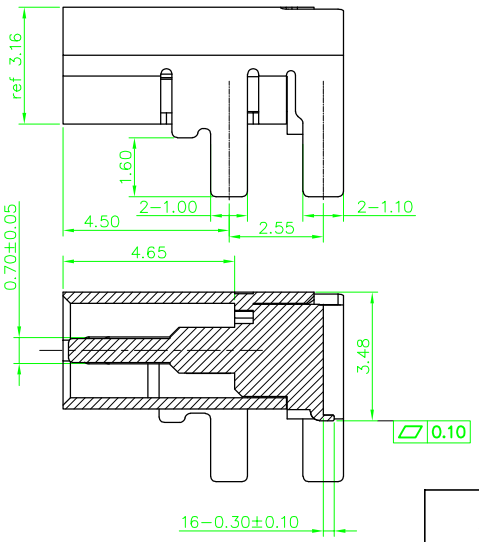
REV.	DESCRIPTION	NAME	DATE
A	NEWS ISSUE	RainYi	2022/07/25











SECTION B-B
SCALE 1:1

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

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

CUSTOMER DRAWING

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

TITLE: USB TYPE C 16PIN,L-7.60mm CH1.90（垫高0.30mm）客户图

DRAWN DATE	He.Long.Fei 2022/07/25	SIZE:A4	UNIT:mm.	PART.NO: XB-TYPEC-16P-1161X	
CHECKED DATE	Long.Liu.Ting 2022/07/25	SCALE: 1:1	PROJECTION		REV.: A
APPROVED DATE	Lai.Hai.Jie 2022/07/25	DWG PATH	C00-0000-0055		PATH 1/3

7.P/N: XB-TYPEC-16P-1161X

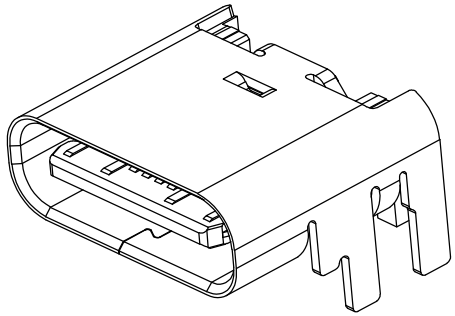
16:16 PIN

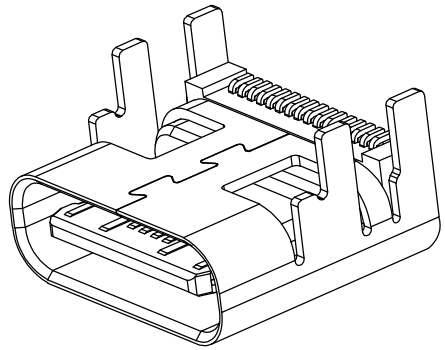
B:Blck

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

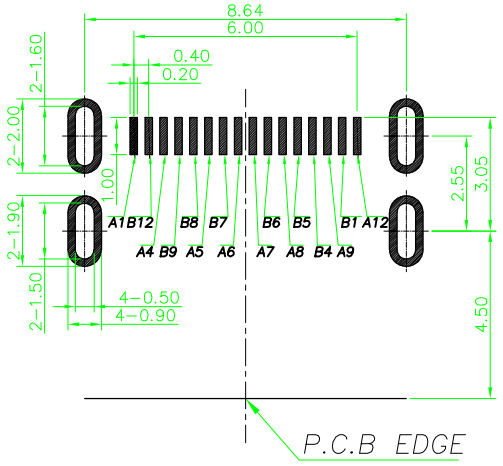




USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
A1	GND
A4	VBUS
A5	CC1
A6	Dp1
A7	Dn1
A8	SBU1
A9	VBUS
A12	GND

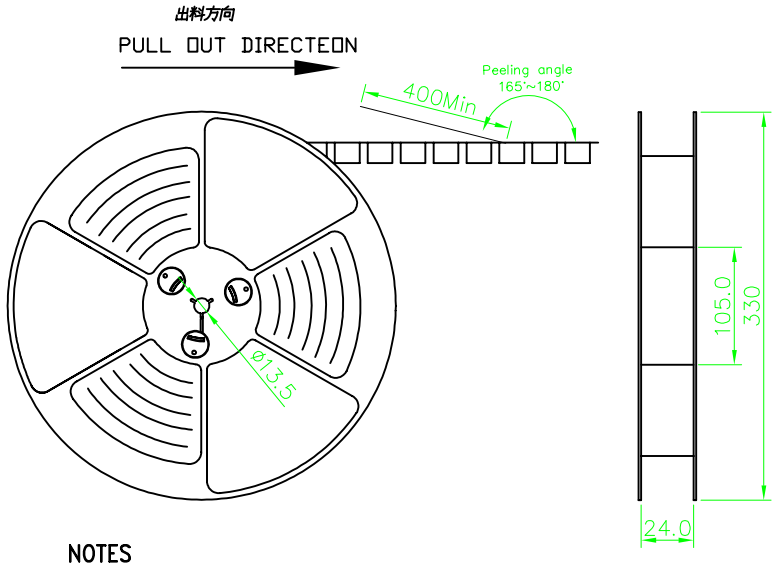
PIN NUMBER	SIGNAL NAME
B12	GND
B9	VBUS
B8	SBU2
B7	Dn2
B6	Dp2
B5	CC2
B4	VBUS
B1	GND

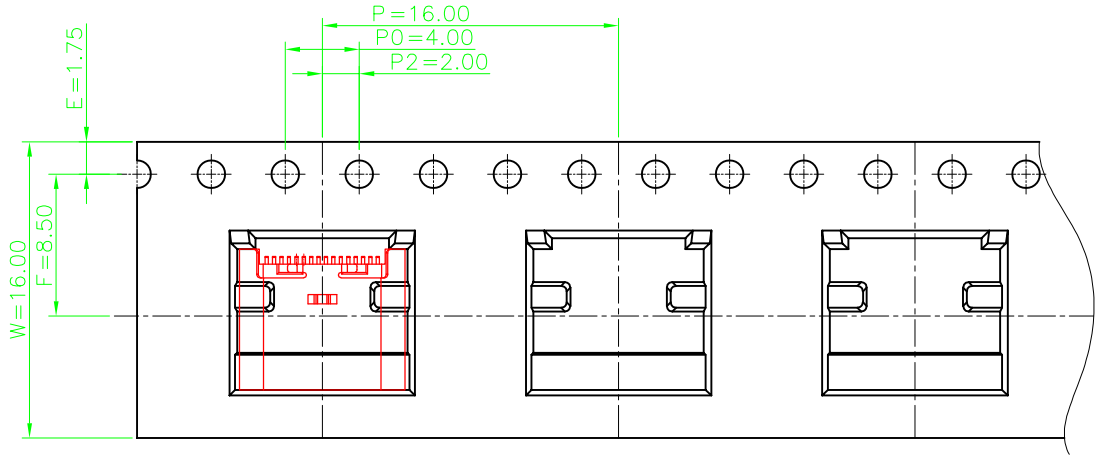


RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

TOLERANCE UNSPECIFIED . .0 ±0.35 .00 ±0.25 .000 ±0.15 X.° ±2.00° CUSTOMER DRAWING		东莞市溪榜电子有限公司 DONG GUAN XI BANG ELECTRONI CS CO., LTD.			
		TITLE: USB TYPE C 16PIN,L-7.60mm CH1.90（垫高0.30mm）客户图			
DRAWN DATE	He.Long.Fei 2022/07/25	SIZE:A4	UNIT:mm.	PART.NO: XB-TYPEC-16P-1161X	
CHECKED DATE	Long.Liu.Ting 2022/07/25	SCALE: 1:1		PROJECTION	REV.: A
APPROVED DATE	Lai.Hai.Jie 2022/07/25	DWG PATH		C00-0000-055	PATH 2/3



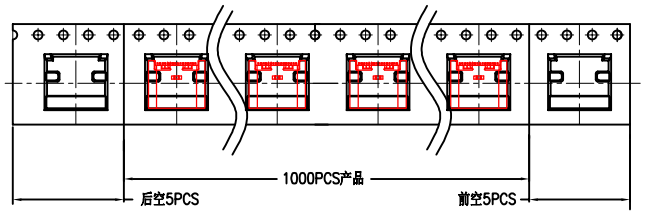


NOTES

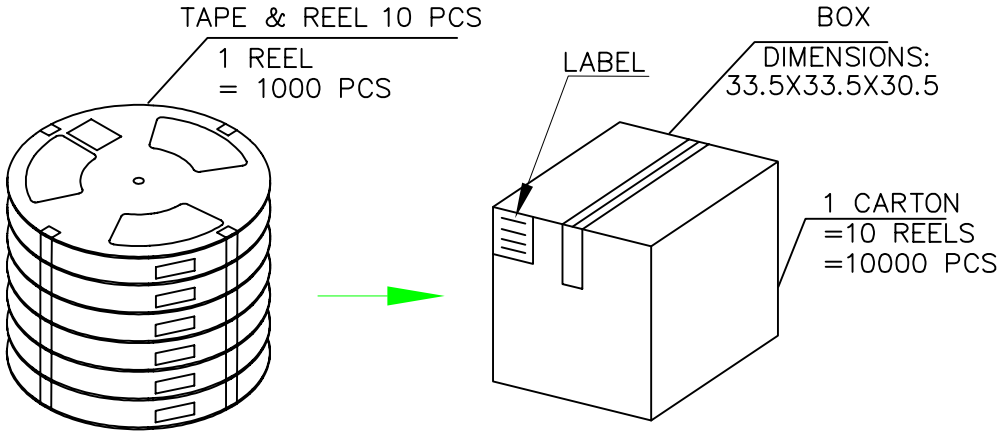
1.帶子引導長度
LEAD TAPE LENGTH

出料方向
PULL OUT DIRECTEON

出料方向
PULL OUT DIRECTEON



2.上帶 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



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	boxs/Carton	Pcs/Box	N.W./Pcs	N.W./Box	G.W./Box
XB-TYPEC-16P-1161X	1000	10	14000	----	----	----

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

DRAWN DATE	He.Long.Fei 2022/07/25	SIZE:A4	UNIT:mm.	PART.NO: XB-TYPEC-16P-1161X	
CHECKED DATE	Long.Liu.Ting 2022/07/25	SCALE: 1:1	PROJECTION		REV.: A
APPROVED DATE	Lai.Hai.Jie 2022/07/25	DWG PATH	C00-0000-0055		PATH 3/3

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

TITLE: USB TYPE C 16PIN,L-7.60mm CH1.90（垫高0.30mm）
客户图