

HSF

REV	ECN #	DESCRIPTION	DRAWING	APPROVED	DATE
A		NEW RELEASE	Bull		2020.09.15
A1		Arrangement Drawings	Lua		2021.12.21

NOTE:

- MECHANICAL PERFORMANCE,
 - 1-1.INSERTION FORCE: 0.5~2.0kgf.
 - 1-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
 - 1-3.DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - 2-1. CURRENT RATING:3.0A
VOLTAGE RATING:5.0V
 - 2-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - 2-3.INSULATION RESISTANCE: 100MΩ MIN
 - 2-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.

PRODUCT NO.

UC01 - 16 C B ** - 03*

- PRODUCT SERIES:
UC01: USB TYPE C FEMALE
- PIN NUMBERS:
16: 16PIN
- PLASTIC MATERIAL:
C: HIGH TEMPERATURE RESISTANT PLASTIC
- PLASTIC COLOR:
B: BLACK
- TERMINAL PLATING:
05: 1u" Au PLATED ON CONTACT AREA,1u" Au PLATED ON SOLDER AREA
50u" MIN. Ni UNDERPLATED
G7: 15u" Au PLATED ON CONTACT AREA,1u" Au PLATED ON SOLDER AREA
50u" MIN. Ni UNDERPLATED
G8: 30u" Au PLATED ON CONTACT AREA,1u" Au PLATED ON SOLDER AREA
50u" MIN. Ni UNDERPLATED
- PRODUCT FLOW NO.:
03A: SINK1.0, WITH LOGO,WITH LASERING SHELL,L=6.5
03B: SINK1.0, WITHOUT LOGO,WITH LASERING SHELL,L=6.5

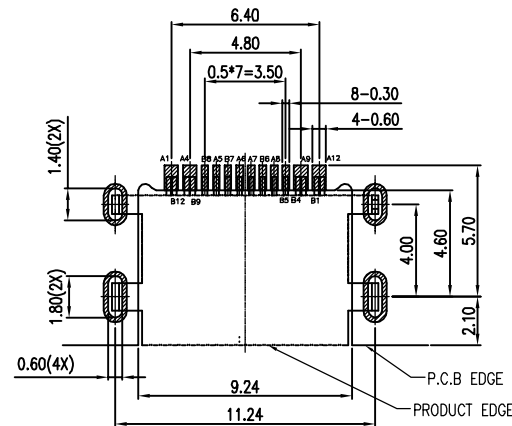
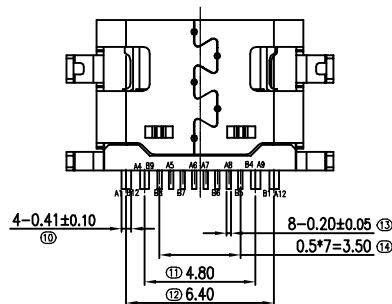
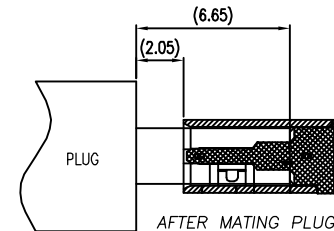
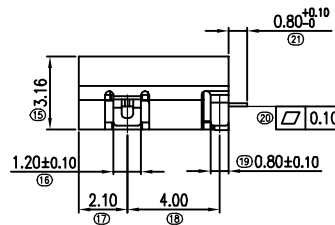
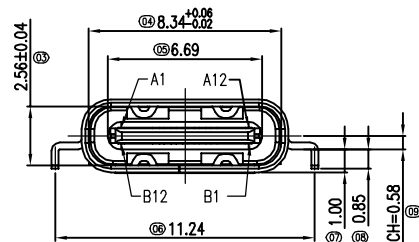
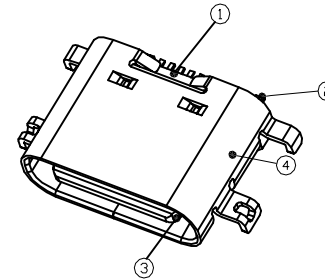
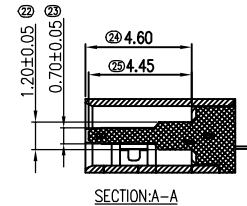
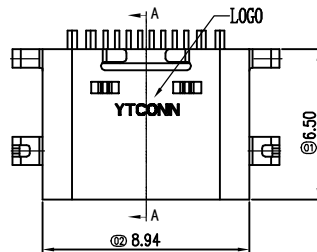
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
4	FRONT SHELL	STAINLESS STEEL	Ni 30u" MIN. UNDER PLATED OVER ALL	1PCS
3	MID PLATE	STAINLESS STEEL	CLEAR ONLY	1pcs
2	CONTACTS	COPPER ALLOY	Au/Ni Plated	1SET
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK	1PCS

CUSTOMER
DRAWING



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

GENERAL TOLERANCE X. .X ±0.20 .XX ±0.15 .XXX ±0.10	DRAWING LUA	TITLE: USB TYPE C REC 16PIN (L=6.5) CH=0.58(SINK 1.0mm)SHELL LASERING
ANGEL TOLERANCE X. ±3° .XX ±2° .XXX ±1°	APPROVED	P/N: XB-UC01-16CB**-03*
	DATE 2021.12.21	DRAWING NO. XB-C-UC01-03A
	UNIT mm SCALE 1:1	SIZE A4 SHEET 1of2 REV A1



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

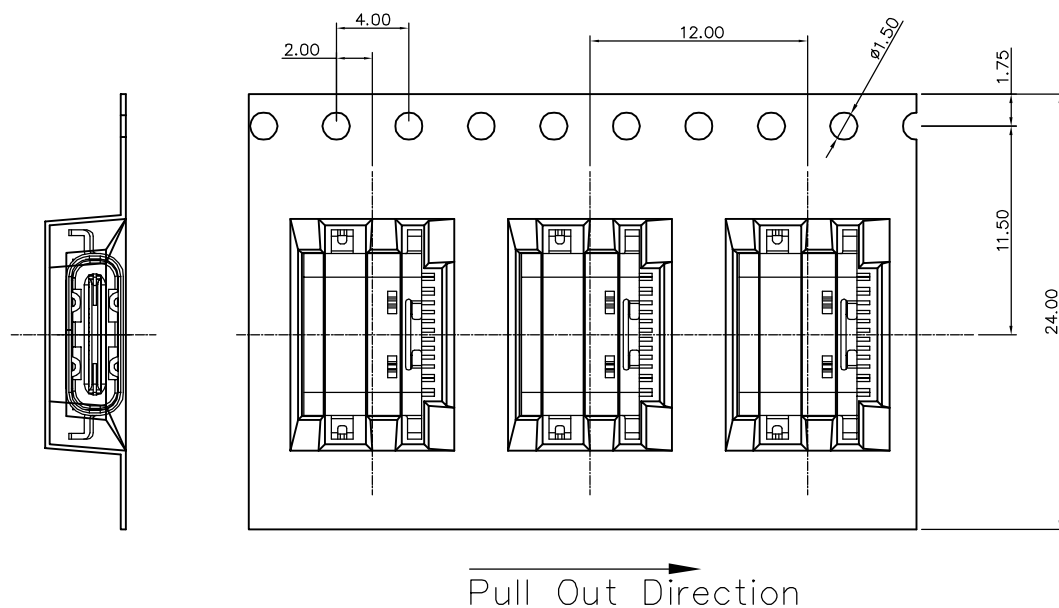
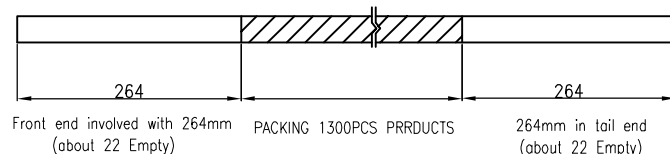
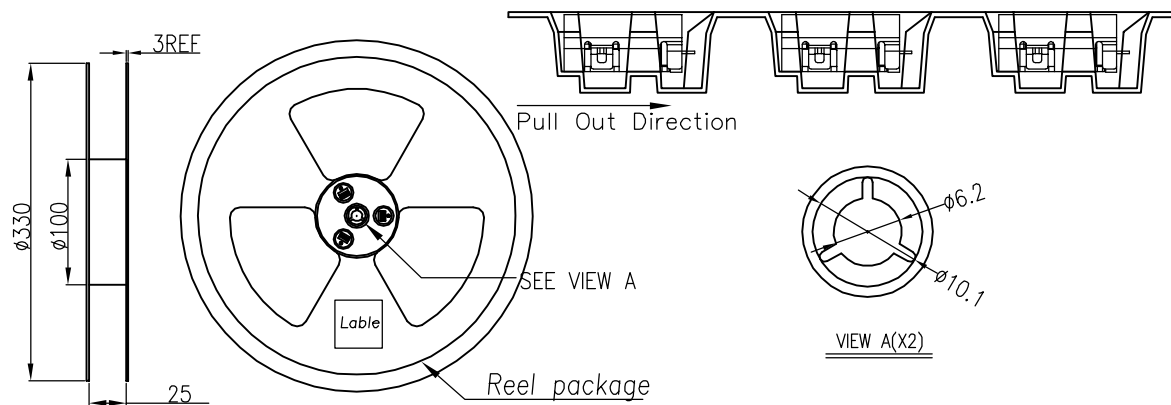
USB TYPE-C PIN ASSIGNMENTS

PIN	SIGNAL NAME	PIN	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

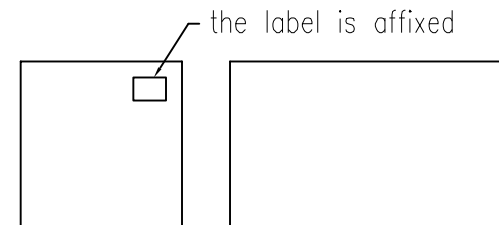
HSF

☐ Packing Notes:

1. Reel :1300pcs/Reel.
2. Carton :14300pcs/11 Reel/Carton.

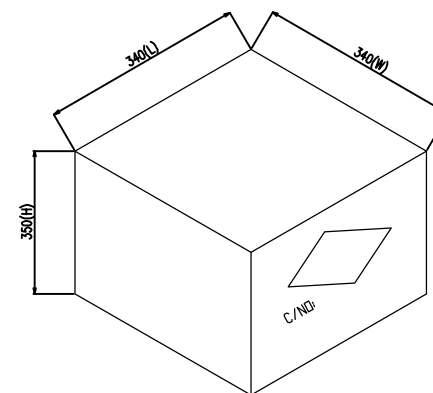


- 1) Seal the carton with TAPE.
- 2) Attach the label to the side of the carton



备 注 (REMARK)

- 1). If there are any unfilled boxes, they must be filled with buffer material.
- 2). Handle with care during handli
- 3). Do not pile up too much or have heavy pressure during transportation.
- 4). The upper belt must be smooth when pasting the lower belt, and no bubbles appear at the pasting place.



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GENERAL TOLERANCE
X. ±0.20
.XX ±0.15
.XXX ±0.10

DRAWING

LUA

TITLE: USB TYPE C REC 16PIN (L=6.5)
CH=0.58(SINK 1.0mm)SHELL LASERING
PACKAGE SPECIFICATION

APPROVED

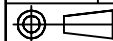
P/N: XB-UC01-16CB林*-03*

ANGEL TOLERANCE
X. ±3°
.XX ±2°
.XXX ±1°

DATE

2021.12.21

DRAWING NO. XB-C-UC01-03A



UNIT mm

SCALE

1:1

SIZE

A4

SHEET

2of2

REV

A1