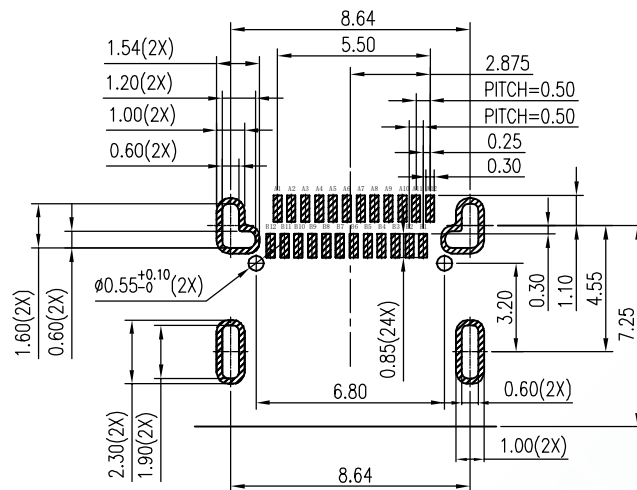
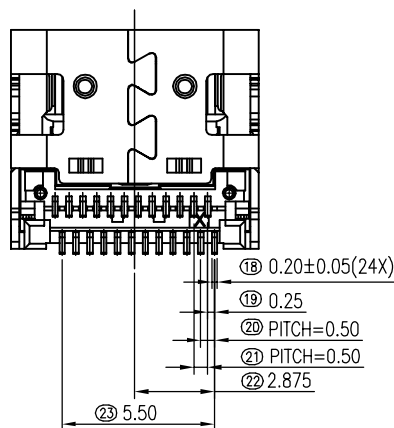
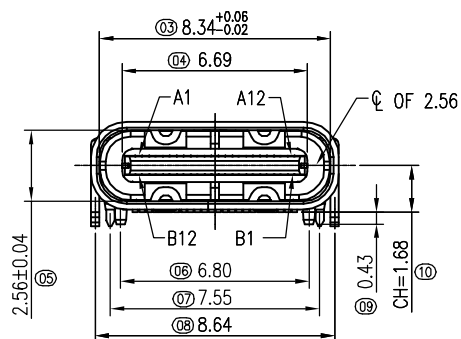
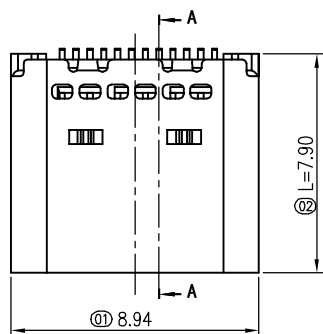
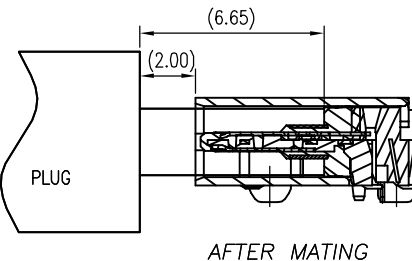
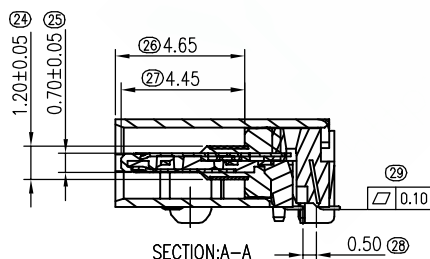
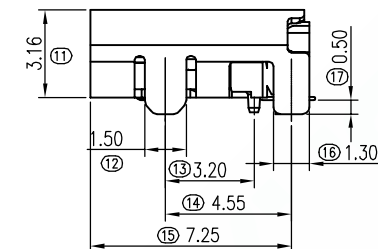


HSF



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05



PRODUCT PART NO.

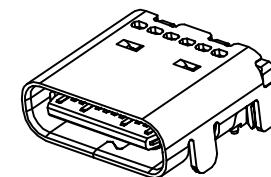
UC02 - 24 C B 05 - 01C
① ② ③ ④ ⑤ ⑥

- ① PRODUCT SERIES:
UC02: TYPE C FEMALE
- ② PRODUCT PIN NO.:
24:24 PIN
- ③ MATERIAL:
C:HIGH TEMPERATURE RESISTANT PLASTIC
- ④ PLASTIC COLOR:
B:BLACK
- ⑤ TERMINAL CONTACT AREA PLATED
05: 3u" Au PLATED ON CONTACT AREA
- ⑥ PRODUCT FLOW NO.:
01C: CH1.68 SMT TYPE

REV	ECN #	DESCRIPTION	DRAWING	APPROVED	DATE
A0		NEW ISSUE	LUA		2021.03.20

NOTE:

- 1.MATERIAL SPECIFICATION:
1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
2.CONTACTS:COPPER ALLOY
3.MID PLATE: STAINLESS STEEL
4.FRONT SHELL: STAINLESS STEEL
5.EMI PLATE: STAINLESS STEEL
- 2.PLATING SPECIFICATION:
2-1.CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
3u" Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
1u" Au PLATED ON SOLDER AREA
- 2-2.FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
- 2-3.MID PLATE:
Ni 30u" MIN. UNDER PLATED OVER ALL.
Sn 80u"MIN. PLATED OVER ALL
- 2-4.EMI PLATE:
CLEAR ONLY
- 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:5.0V
- 4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
- 4-3.INSULATION RESISTANCE: 100MΩ MIN
- 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
- 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.



5	EMI PLATE	STAINLESS STEEL,T=0.10	CLEAR ONLY,NO PLATED	2PCS
4	FRONT SHELL	STAINLESS STEEL,T=0.30	Ni 30u" MIN. UNDER PLATED OVER ALL.	1PCS
3	MID PLATE	STAINLESS STEEL,T=0.15	Sn 80u"MIN. PLATED OVER ALL	1PCS
2	CONTACTS	COPPER ALLOY, T=0.12	3u" Au PLATED ON CONTACT AREA 1u" Au PLATED ON SOLDER AREA 50u" Ni UNDER PLATED OVER ALL	24PIN
1	HOUSING	HIGH TEMPERATURE PLASTIC	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

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 C TYPE FEMALE TOP MOUNT CH1.68 SMT TYPE
ANGEL TOLERANCE X. ±3° .XX ±2° .XXX ±1°	APPROVED		P/N: XB-UC02- 24CB05-01C
	DATE	2021.03.20	DRAWING NO. XB-C-UC02-01C
	UNIT	mm	SCALE
	1:1	SIZE	A4 SHEET
	1of2	REV	A0

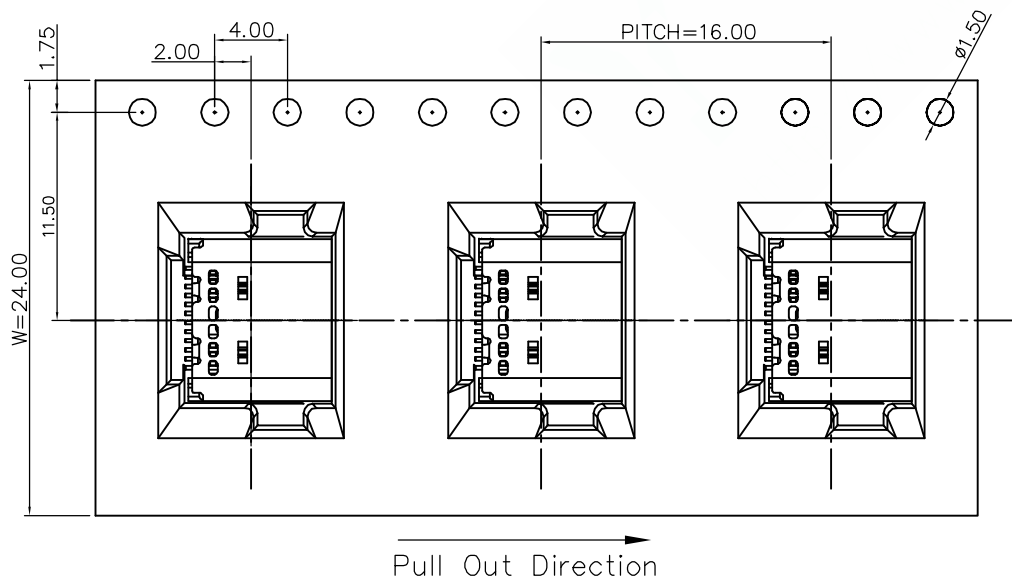
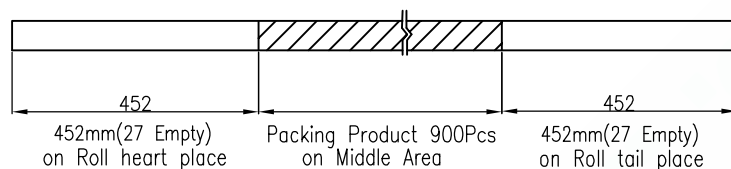
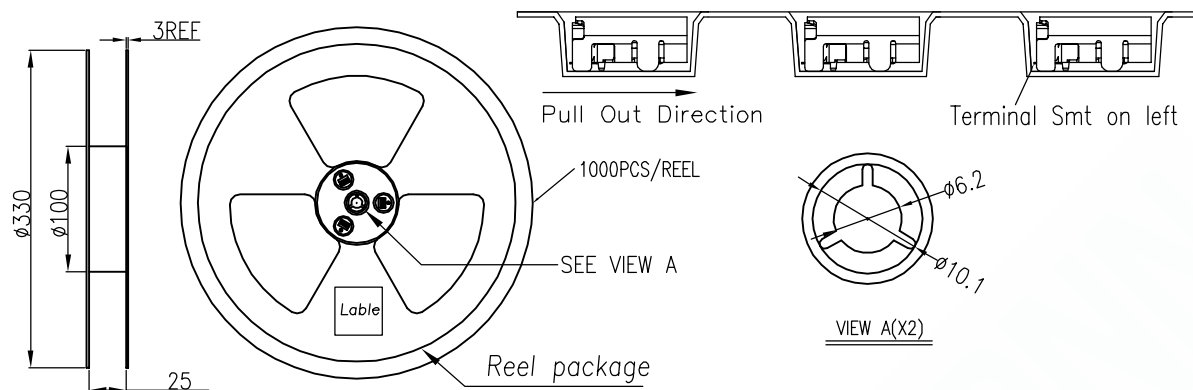
PIN ASSIGNMENT:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	SSTXp1	SSTXn1	VBUS	CC1	Dp1	Dn1	SBU1	VBUS	SSRXn2	SSRXp2	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	SSRXp1	SSRXn1	VBUS	SBU2	Dn2	Dp2	CC2	VBUS	SSTXn2	SSTXp2	GND

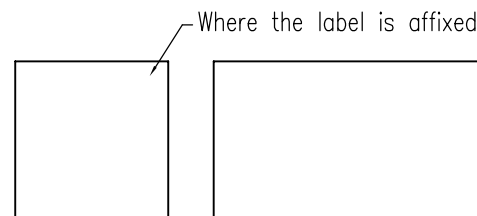
HSF

□ Packing Notes:

1. Reel : 900 Pcs/Reel.
2. Carton : 9.9Kpcs/11 Reel/Carton.

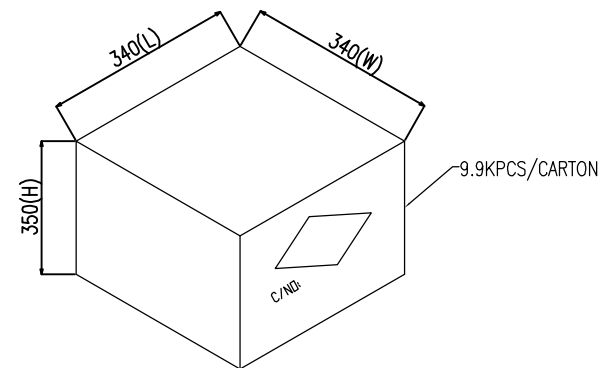


- 1) Seal the carton with TAPE.
- 2) Attach the label to the side of the carton



NOTES: (REMARK)

- 1). If there are any unfilled boxes, they must be filled with buffer material.
- 2). Handle with care during handling.
- 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.



CUSTOMER
DRAWING



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

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

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

DRAWING

LUA

APPROVED

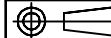
DATE

2021.03.20

TITLE: USB C TYPE FEMALE TOP MOUNT
CH1.68 SMT TYPE

P/N: XB-UC02- 24CB05- -01C

DRAWING NO. XB-C-UC02-01C



UNIT mm SCALE

1:1

SIZE

A4

SHEET

2of2

REV

A0