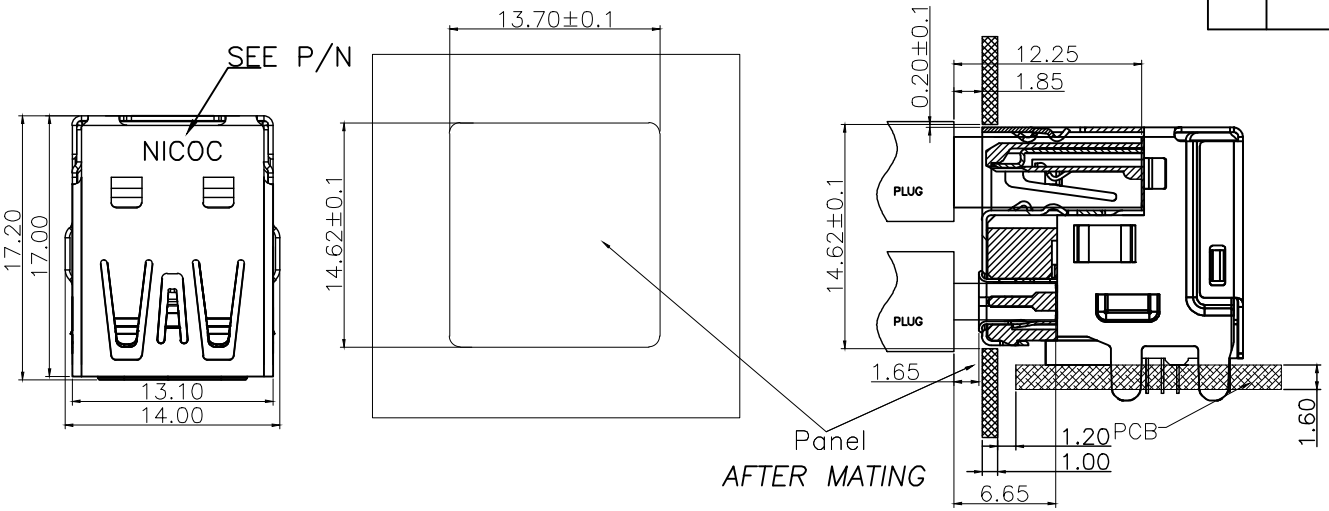
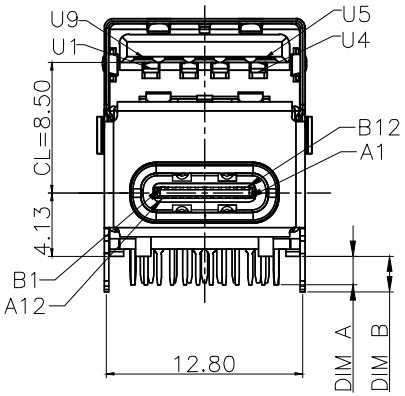
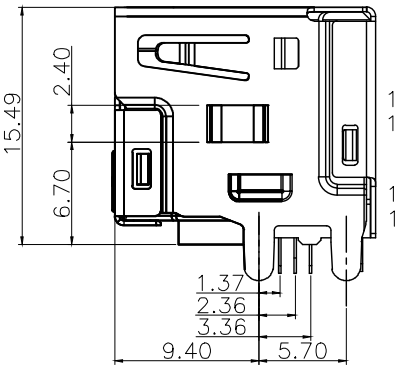
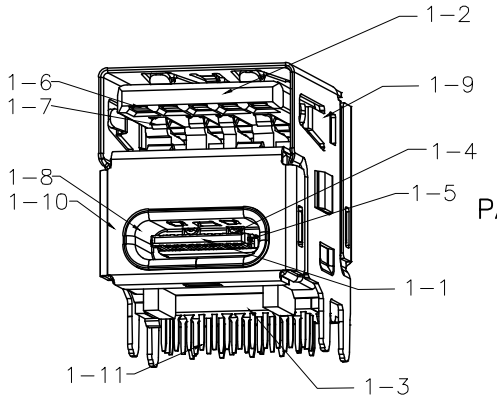
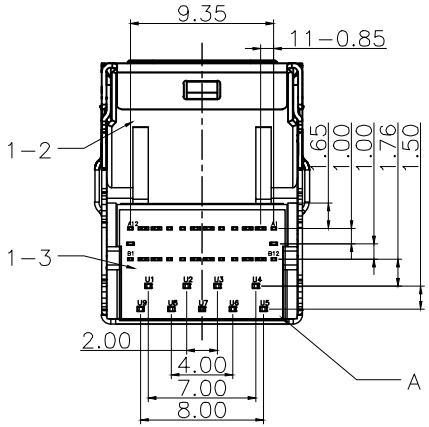
REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
01	ECN NO.	New Drawing	2026.03.18	Arvin

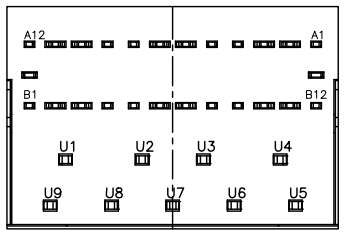












VIEW A

NOTE:
1.MATERIAL SPECIFICATION:
1-1.TYPE C HOUSING:PA9T/BLACK,UL94 V-0.
1-2.MAIN HOUSING:PA9T/BLACK,UL94 V-0.
1-3.COVER:PA9T/BLACK,UL94 V-0.
1-4.TYPE C CONTACTS: COPPER ALLOY(C18150)
1-5.MID PLATE: STAINLESS STEEL(SUS301)
1-6.TYPE A CONTACTS: BRASS(C2680)
1-7.TYPE A CONTACTS: PHOSPHOR COPPER(C5210)
1-8.TYPE C SHELL: STAINLESS STEEL(SUS304)
1-9.TOP SHELL: STAINLESS STEEL(SUS304)
1-10.FRONT SHELL: STAINLESS STEEL(SUS304)
1-11.SOLDER TAIL TERMINAL: BRASS(C2680)
2.PLATING SPECIFICATION:
2-1.TYPE C&TYPE A CONTACTS:
Ni 50u" MIN. UNDER PLATED OVER ALL.
(GOLD PLATING THICKNESS FOLLOW THE P/N)
2-2.TYPE C SHELL&TOP SHELL&FRONT SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
2-3.MID PLATE:
Ni 30u" MIN. UNDER PLATED OVER ALL.
2-4.SOLDER TAIL TERMINAL:
100U'' MIN MATTE TIN, 30U''MIN NICKEL OVERALL

PART NUMBER:TUCF104131-2 X 1 X T H

- X: 2:WITHOUOT FLANGE
- 1: 1:WITH LOGO / 2:WITHOUT LOGO
- X: A:Contact area 1u"Au Soldering area Tin; B:Contact area 3u" Au Soldering area Tin; C:Contact area 15u" Au Soldering area Tin; D:Contact area 30u" Au Soldering area Tin
- T: T:TRAY; R:REEL
- H: H:HF

Terminal Leg Type	DIM A	DIM B
1	1.80	2.32
2	2.10	2.32
3	2.50	2.60

TOLERANCE MM	NAME(INTENDED USE) CUSTOMER DRAWING	泰立電子有限公司 TACLEX ELECTRONICS CO.,LTD.
X.X ±0.30	PART NO. SEE P/N	TITLE: USB A3.0+USB C STRAIGHT LEG WITHOUT FLANGED
.XX ±0.20		
.XXX±0.10	DESIGN: Arvin	DRAWG NO. C-104131-2
X.° ±10°	CHED: Arvin	SCALE 1:1 / SHEET 1/4 / REV. 01
.X° ± 8°	APPD: Aray	
.XX°±5°		

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
01	ECN NO.	New Drawing	2026.03.18	Arvin

NOTE:

3.MECHANICAL PERFORMANCE,

USB−TYPE C

3−1.INSERTION FORCE: 0.5~2.0kgf.

3−2.REMOVAL FORCE: 0.8kgf~2.0kgf.

3−3.DURABILITY: 10000 CYCLES.

USB−TYPE A

3−4.INSERTION FORCE: 35kgf MAX.

3−5.REMOVAL FORCE: 10kgf MAX.

3−6.DURABILITY: 5000 CYCLES.

4.ELECTRICAL PERFORMANCE,

USB−TYPE C

4−1. CURRENT RATING:5.0A
VOLTAGE RATING:20.0V

4−2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

4−3.INSULATION RESISTANCE: 100MΩ MIN

4−4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

USB−TYPE A

4−5.CURRENT RATING:1.5A
VOLTAGE RATING:5.0V

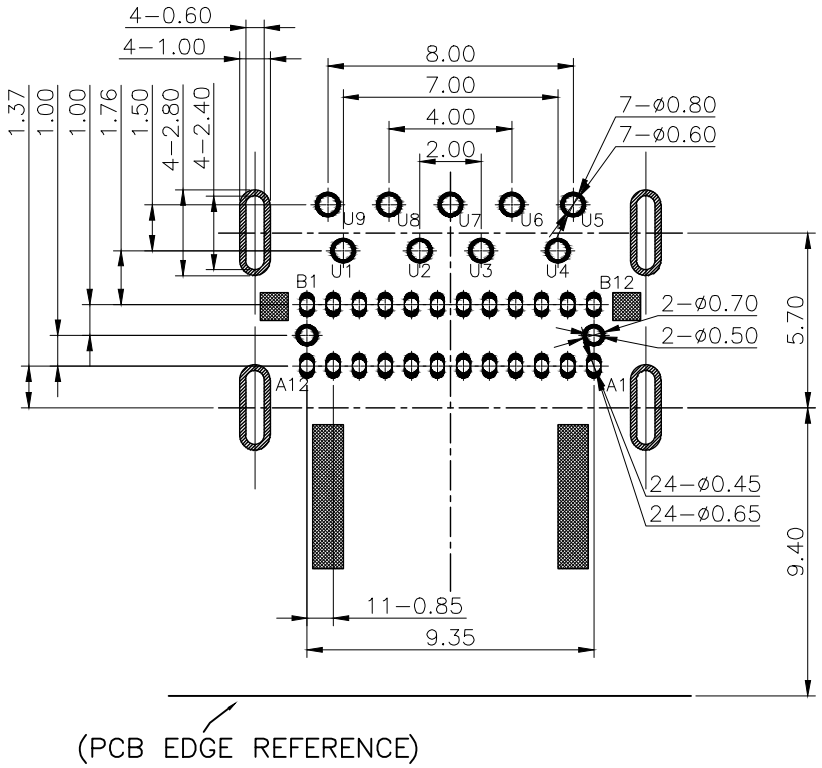
4−6. LLCR:
VBUS & GND PINS AND OTHER PINS: 20mΩ/PIN MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

4−6.INSULATION RESISTANCE: 100MΩ MIN

4−7.DIELECTRIC WITHSTAND VOLTAGE,AC 500V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: −25°C~+85°C.

6. WAVE SOLDERING:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 265±3°C.



Keepout Area

USB A&USB CF 24PIN RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.6MM;DEFAULT TOLERANCE:±0.05,SCALE 2:1

USB TYPE−C 24 PIN ASSIGNMENTS

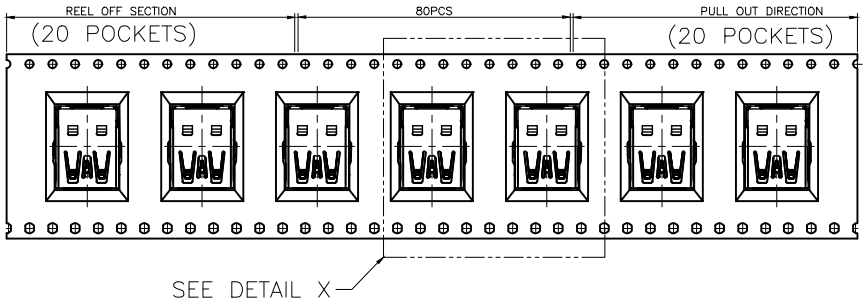
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	TXp1	B11	RXp1
A3	TXn1	B10	RXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RXn2	B3	TXn2
A11	RXp2	B2	TXp2
A12	GND	B1	GND

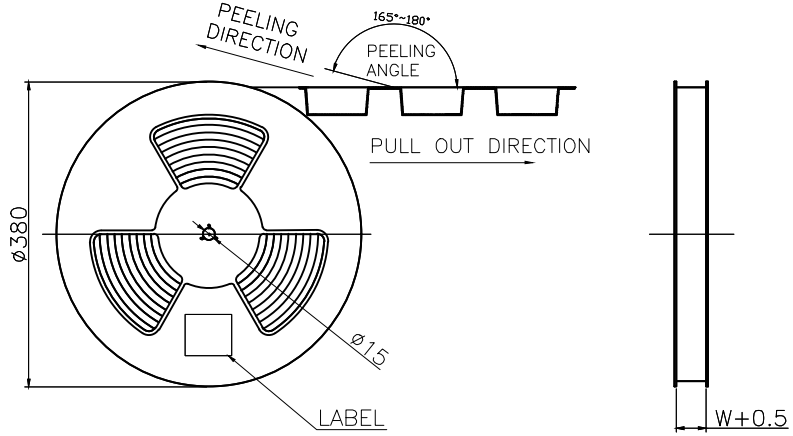
USB TYPE−A 9 PIN ASSIGNMENTS

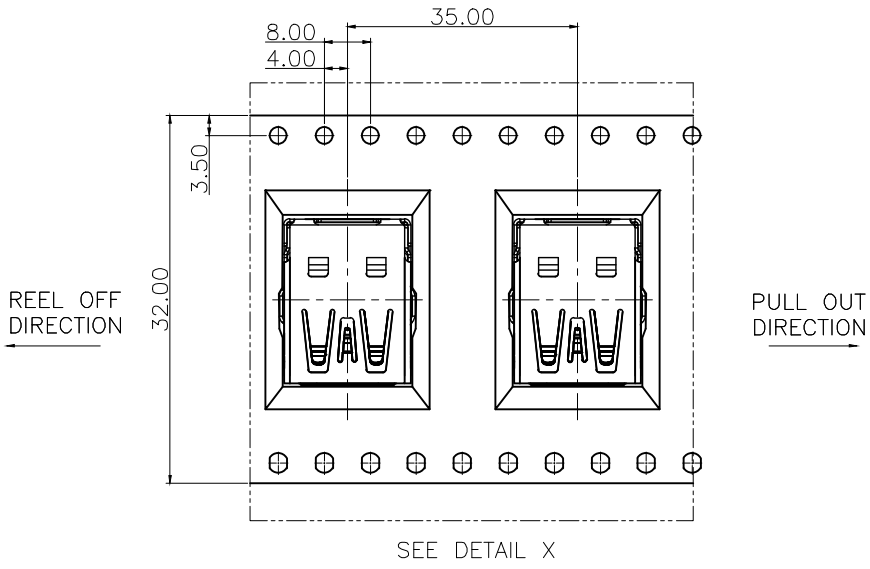
PIN NUMBER	SIGNAL NAME
U1	VBUS
U2	D−
U3	D+
U4	GND
U5	StdA_SSRX−
U6	StdA_SSRX+
U7	GND_DRAIN
U8	StdA_SSTX−
U9	StdA_SSTX+
She11	Shield

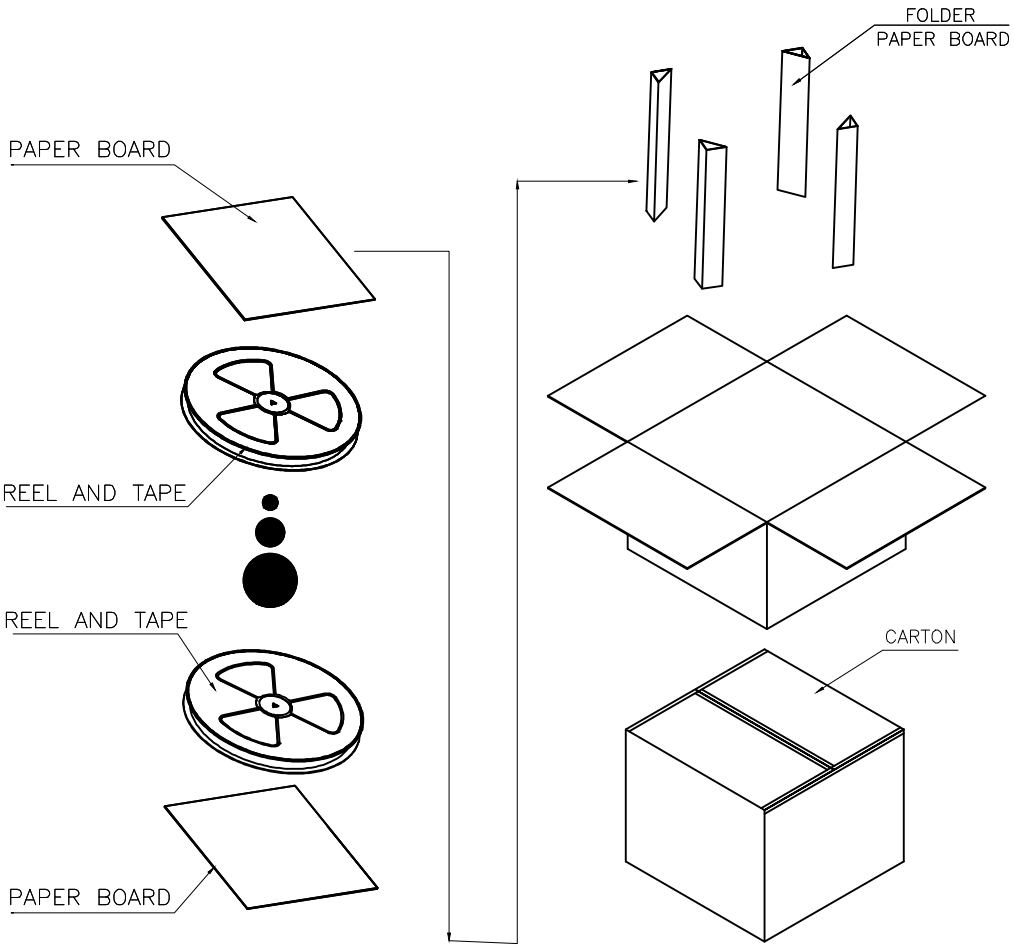
TOLERANCE MM	NAME(INTENDED USE) CUSTOMER DRAWING	泰立電子有限公司 TACLEX ELECTRONICS CO., LTD.		
X.X ±0.30	PART NO. SEE P/N	TITLE: USB A3.0+USB C STRAIGHT LEG WITHOUT FLANGED		
.XX ±0.20				
.XXX±0.10				
X.° ±10°	DESIGN: Arvin	DRAWG NO. C−104131−2		
.X° ± 8°	CHED: Arvin	SCALE	SHEET	REV.
.XX°±5°	APPD: Aray	1:1	2/4	01

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
01	ECN NO.	New Drawing	2026.03.18	Arvin









	REEL	CARTON
CONNECTOR (PCS)	80	800

TOLERANCE MM	NAME(INTENDED USE) CUSTOMER DRAWING	泰立電子有限公司 TACLEX ELECTRONICS CO., LTD.
X.X ±0.30	PART NO.	TITLE: USB A3.0+USB C STRAIGHT LEG WITHOUT FLANGED
.XX ±0.20	SEE P/N	
.XXX±0.10	DESIGN: Arvin	DRAWG NO. C-104131-2
X.° ±10°	CHED: Arvin	SCALE 1:1 / SHEET 3/4 / REV. 01
.X° ± 8°	APPD: Aray	
.XX°±5°		

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
01	ECN NO.	New Drawing	2026.03.18	Arvin

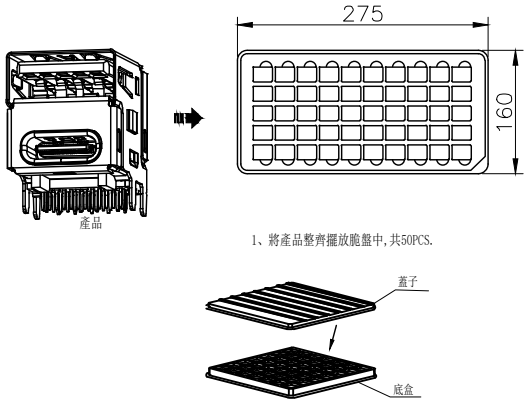
1－1 将USB TYPE C 母 24P 双层90度 的成品整齐的装入真空盒底盒内.

1－2 每盘真空盒上面必须盖一个盖子，以免产品漏失。

1－3 真空盒材质必须是PET环保材料.

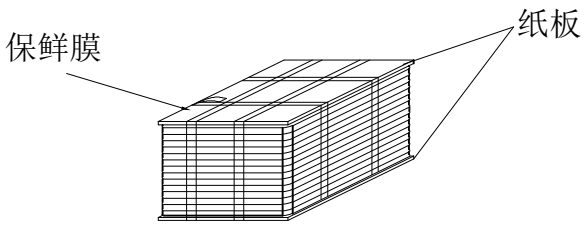
每盘装成品50PCS

备注：



2－1 每箱2扎装，每扎共10盘，用 PE膜将托盘两边缠绕；上下各放一块硬纸板.

每箱的数量小计:2*10*50=1000PCS



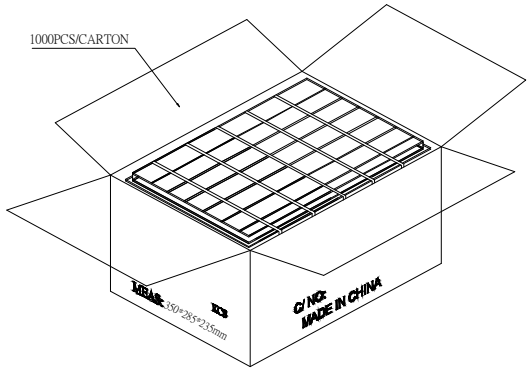
3-1 将1摞成品依次放入纸箱内. 备注:

纸箱规格:350*285*235mm

3-2. 纸箱4个角落用缓冲材料塞好，并盖上与之相配的纸板

3-3. 包装明细：

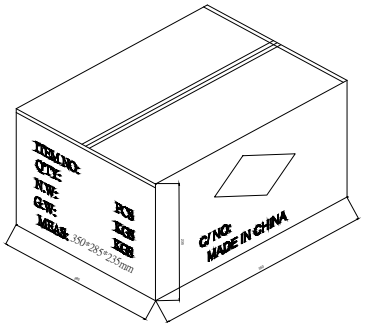
盘/每箱	PCS/每盘	PCS/每箱
20盘/每箱	50PCS/每盘	1000PCS/每箱



4-1 纸箱开口处以透明胶带贴合.

4－2 若有未装满的零数箱,必须以缓冲材塞满.

5-1.外标签贴在外箱侧麦左上角，环保标签贴在外标签右上角。



TOLERANCE MM	NAME(INTENDED USE) CUSTOMER DRAWING	泰立電子有限公司 TACLEX ELECTRONICS CO.,LTD.		
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	DESIGN: Arvin	DRAWG NO. C－104131－2		
	CHED: Arvin	SCALE 1:1	SHEET 4/4	REV. 01
	APPD: Aray			