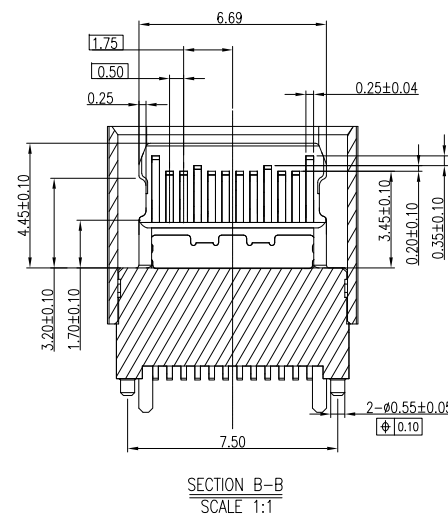
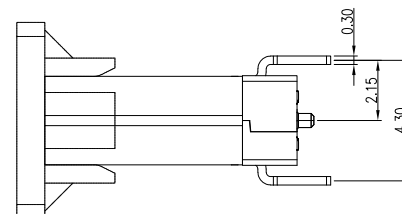
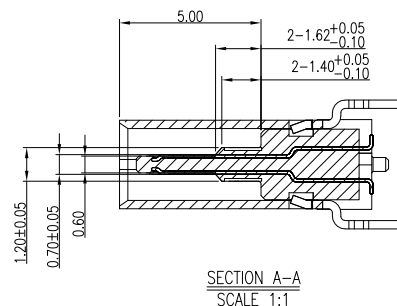
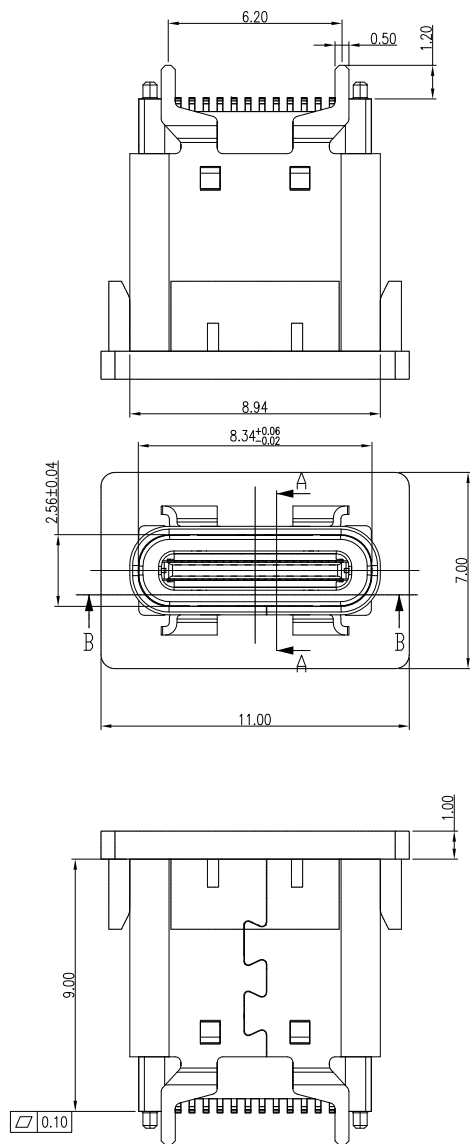




NOTES:

1. Material:

Insulator: LCP, UL 94V-0 Rated.

Color: Black.

Contact: Copper Alloy.

Plating: Gold Plating over Nickel on Contact Area.

Gold Flash over Nickel on Solder Tail.

Shell: Stainless Steel, SUS304-H, T=0.30±0.03mm.

Plating: Nickel Plating over All.

EMI Shield: Stainless Steel, SUS301-H, T=0.10±0.03mm.

Latch: Stainless Steel, SUS301-H, T=0.15±0.03mm.

2. Mechanical:

Insertion Force: 5~20N.

Withdrawal Force: 8~20N.

Durability: 10,000Cycles.

3. Electrical Specification:

Current Rating: 5.0A Max for VBUS;

0.25A Max for Others.

Voltage Rating: 5V AC Max.

Contact Resistance: 40mΩ Max.

Insulation Resistance: 100MΩ Min.

Dielectric Withstanding Voltage: 100V AC R.M.S.

4. Environmental:

Operating Temperature: -30°C to +80°C.

Part Number:

CU4C-R24VSG0-17

USB4.0 C Type Series

R: Receptacle

24: 24Pins

V: Vertical Type

17: SMT, H=9.0mm

0: Black Color

G: Gold Flash

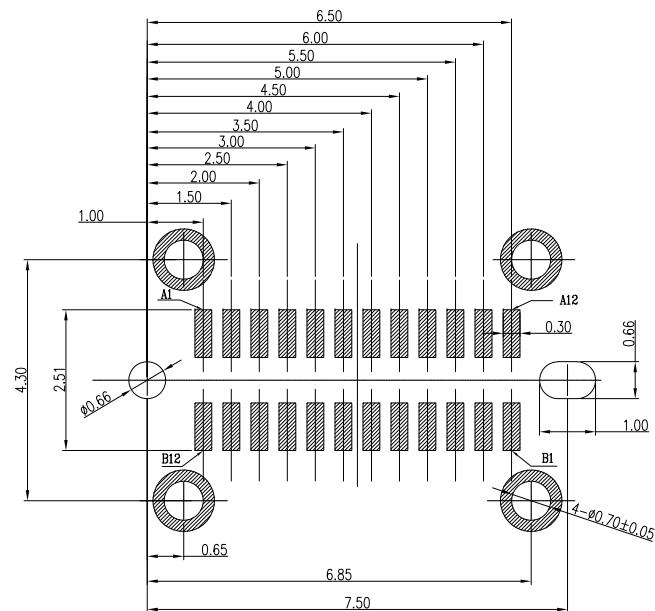
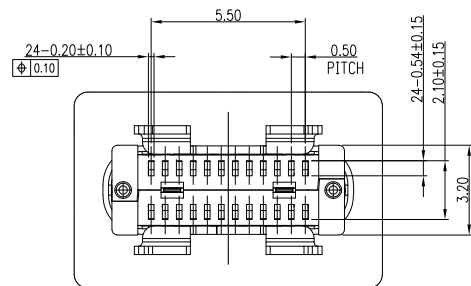
S: SMT Type

A	04/11/22	RELEASED FOR PRODUCTION	
REV	DATE	DESCRIPTION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	
DECIMALS	ANGLES	APPROVALS	DATE
.X ± .38	± 3°	DRAWN Chris	04/11/22
.XX ± .25		CHECKED Cindy	04/11/22
.XXX ± .20		APPV Jason	04/11/22
DO NOT SCALE DRAWING		SHEET 1 OF 4	SCALE NONE
		DWG. NO. CU4C-R24-017	REV. A



凱聯科技股份有限公司
Conn-Link Technology Inc.

DESCRIPTION USB4.0 C Type, Gen3, Receptacle, 24Pins,
Vertical, SMT, Gold Flash, H=9.0mm, With Posts, Black Color

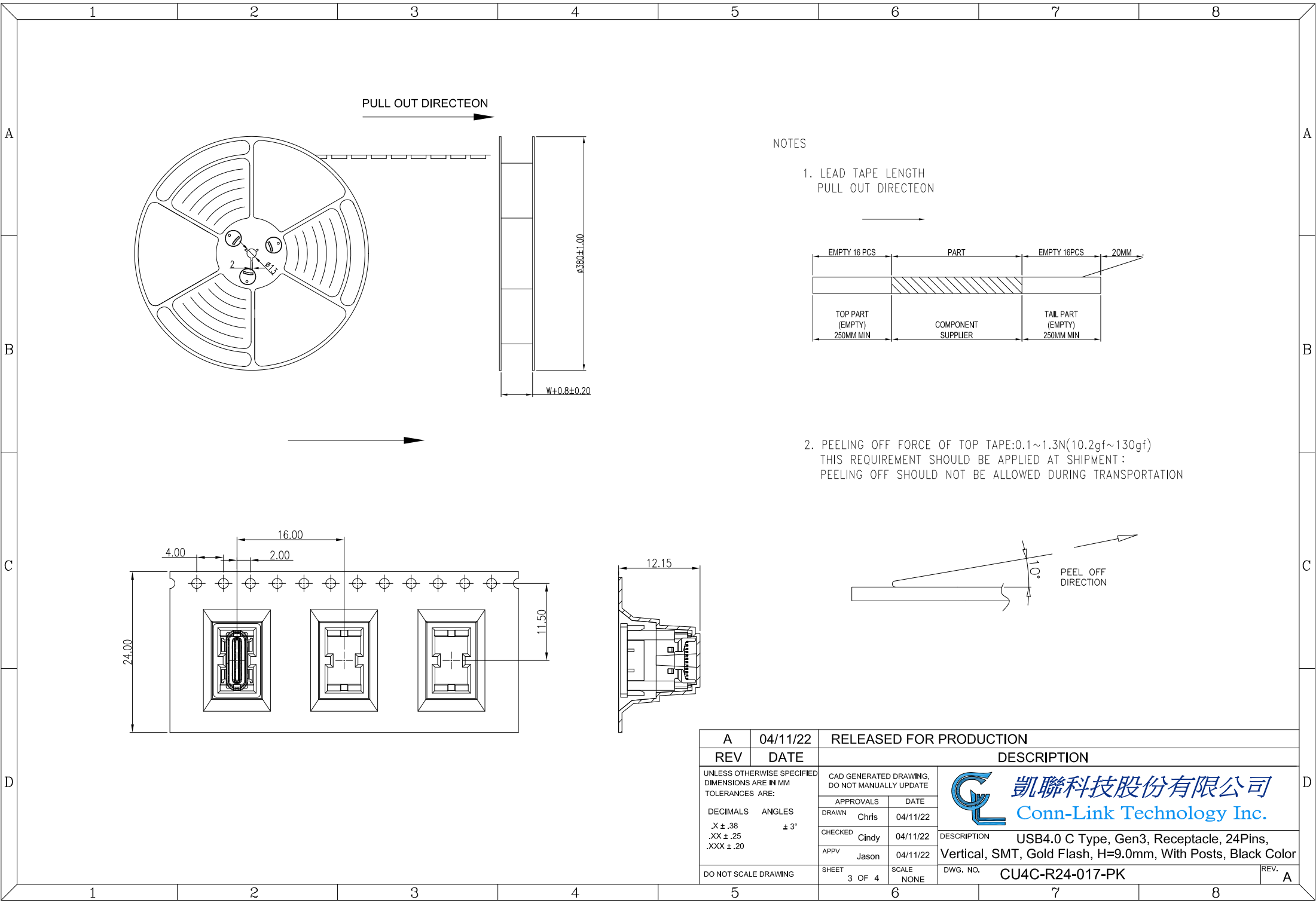


RECOMMENDED	P.C.B. LAYOUT (T:1.00mm)
TOLERANCE	UNSPECIFIED $\pm 0.05\text{mm}$

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

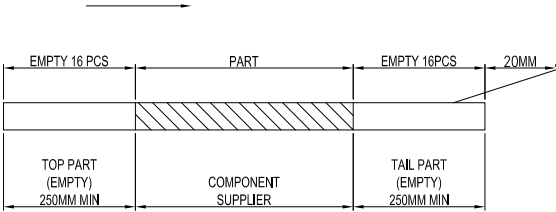
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSTXp1	Positive half of first SuperSpeed TX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSTXn1	Negative half of first SuperSpeed TX differential pair
A4	V _{BUS}	Bus Power	B9	V _{BUS}	Bus Power
A5	CC1	Configuration Channel	B8	CC1	Configuration Channel
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dp1	Positive half of the USB 2.0 differential pair-Position 1
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dn1	Negative half of the USB 2.0 differential pair-Position 1
A8	RFU1	Reserved for Future Use (RFU)	B5	RFU1	Reserved for Future Use (RFU)
A9	V _{BUS}	Bus Power	B4	V _{BUS}	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSRXn2	Negative half of second SuperSpeed RX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSRXp2	Positive half of second SuperSpeed RX differential pair
A12	GND	Ground return	B1	GND	Ground return

A		04/11/22		RELEASED FOR PRODUCTION					
REV		DATE		DESCRIPTION					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		 凱聯科技股份有限公司 Conn-Link Technology Inc.					
		APPROVALS							
		DATE							
		DRAWN							
		CHECKED							
DECIMALS		ANGLES		DRAWN		Chris		04/11/22	
.X ± .38		± 3°		CHECKED		Cindy		04/11/22	
.XX ± .25				APPV		Jason		04/11/22	
.XXX ± .20									
DO NOT SCALE DRAWING		SHEET		SCALE		DWG. NO.		REV.	
		2 OF 4		NONE		CU4C-R24-017		A	

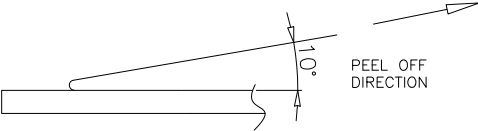


NOTES

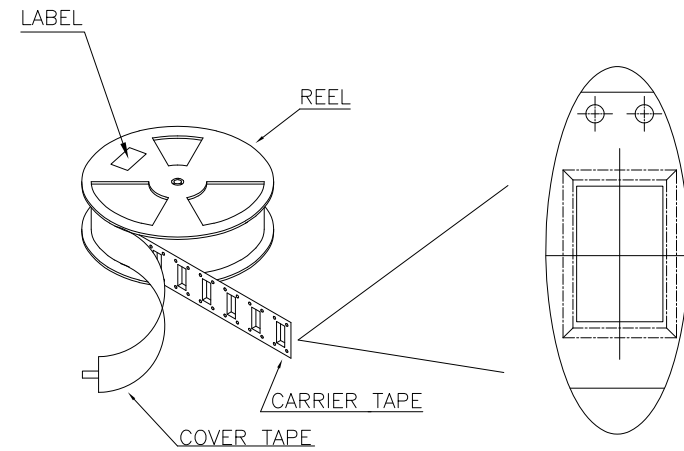
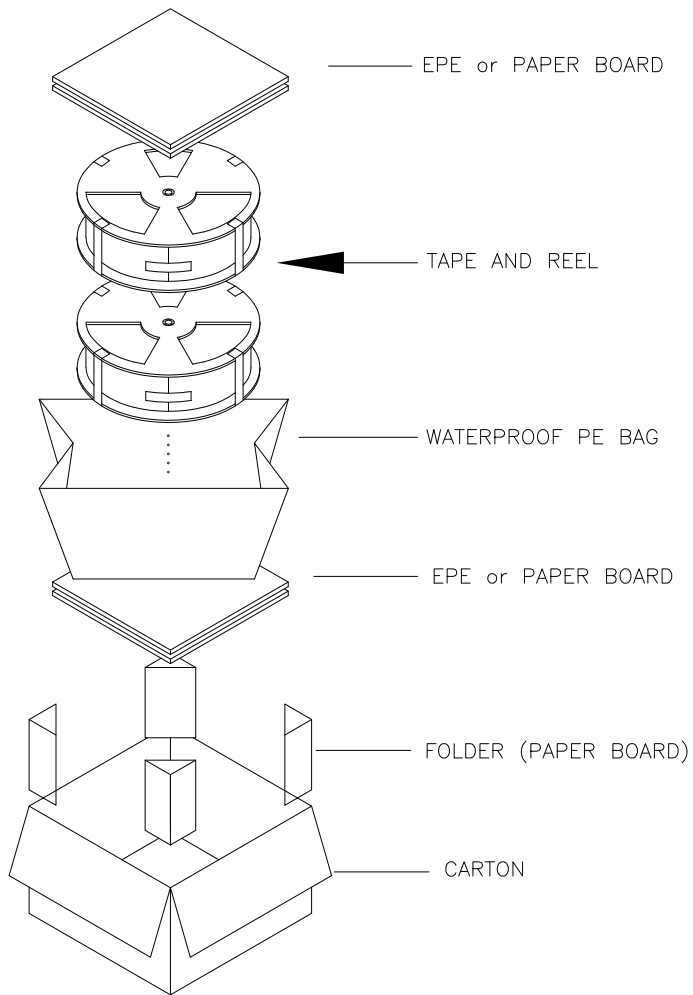
1. LEAD TAPE LENGTH
PULL OUT DIRECTEON



2. PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT:
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION



A	04/11/22	RELEASED FOR PRODUCTION	
REV	DATE	DESCRIPTION	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MM TOLERANCES ARE:		CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	
DECIMALS	ANGLES	APPROVALS	DATE
.X ± .38	± 3°	DRAWN Chris	04/11/22
.XX ± .25		CHECKED Cindy	04/11/22
.XXX ± .20		APPV Jason	04/11/22
DO NOT SCALE DRAWING		SHEET 3 OF 4	SCALE NONE
		DWG. NO.	CU4C-R24-017-PK
		REV.	A



	REEL	CARTON
CONNECTOR (PCS)	500	7,000

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REV	DATE	DESCRIPTION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE: DECIMALS ANGLES .X ± .38 ± 3° .XX ± .25 .XXX ± .20		 凱聯科技股份有限公司 Conn-Link Technology Inc. DESCRIPTION USB4.0 C Type, Gen3, Receptacle, 24Pins, Vertical, SMT, Gold Flash, H=9.0mm, With Posts, Black Color	
DO NOT SCALE DRAWING		SHEET 4 OF 4 SCALE NONE	DWG. NO. CU4C-R24-017-PK REV. A