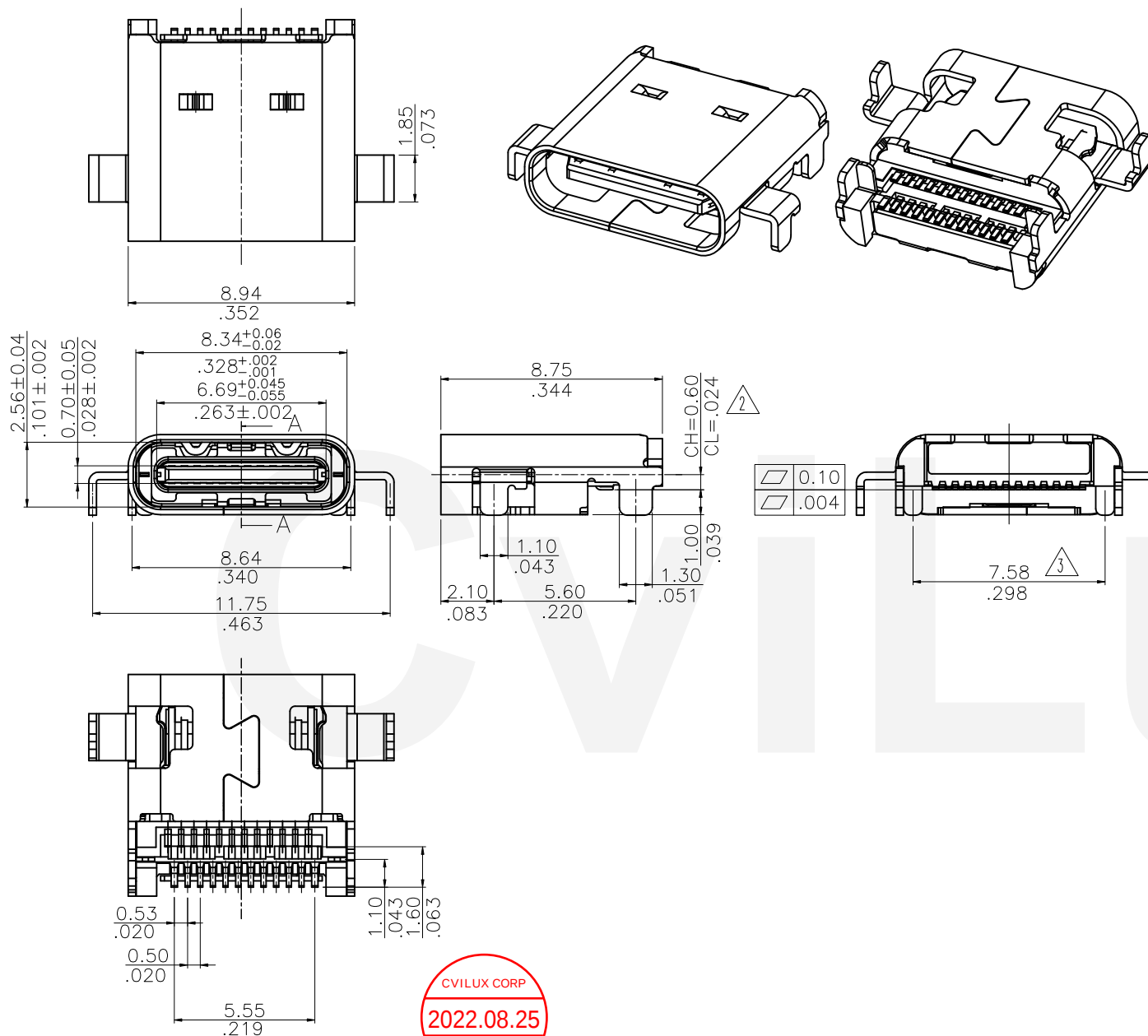




MATERIAL:

- 1.HOUSING: High temperature plastic , BK
- 2.CONTACT: COPPER ALLOY
- 3.GUARD PLATE:STAINLESS STEEL
- 4.SHIELD: STAINLESS STEEL

FINISH:

- CONTACT: SEE ORDER INFORMATION
SHELL: NICKEL PLATING

Ordering Code:

CU30 24 S * B A L R 001 -LF
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

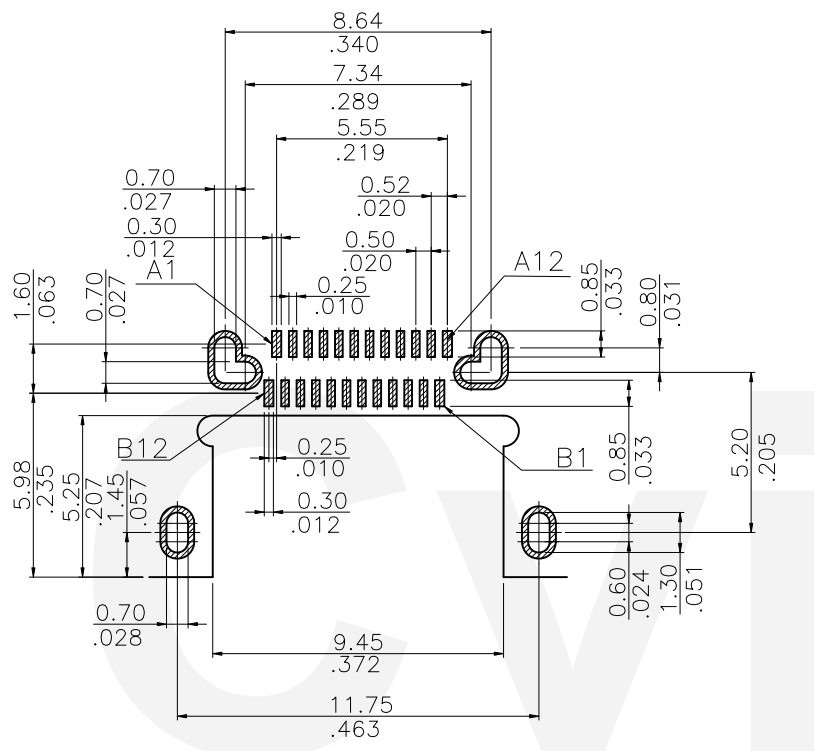
- ① Series No:CU30
- ② No. of Circuits: 24Pin
- ③ Contact type: S= Socket
- ④ Contact Plating option:
A= Gold Flash plated on Contact area,
Matte Tin plated on Solderails,
② Nickel underplating over all
- ⑤ Shell Material & Plating:B=STAINLESS STEEL
- ⑥ Contact Material: A= COPPER ALLOY
- ⑦ Insulator Material & Color option:
L= LCP Black
- ⑧ Packing Option: R= Tape & Reel
- ⑨ -LF= For Lead Free IR Reflow Process



Lead Free Process

RoHS compliant

④						DATE	UNIT: mm / inch	TITLE: CU30 Type C/F 24 PIN CH=0.60mm SMT TYPE MIDDLE MOUNT TYPE	 瀚荃股份有限公司 CviLux Corporation	DRAWING NO. CU30S01SD	PART NO. CU3024S*BALR001-LF
③	Annie	2022.8.19	ECRD122033 REVISIONS	DRAWN BY: Annie	8/19-22'	TOLERANCE UNLESS OTHERWISE SPECIFIED		MATERIAL:			
②	Annie	2021.7.20	ECND121024 REVISIONS	ENGINEER: Gavin	8/19-22'						
①	Annie	2021.7.12	ECRD121032 REVISIONS	CHECKED BY: Keny	8/19-22'						
SYM	NAME	DATE	REVISIONS	APPROVED BY: Keny	8/19-22'	.X ± 0.25/.010	X' ± 4"	FINISH:	SCALE	1 / 1	SHEET 1 OF 3
						.XX ± 0.20/.008	X" ± 2"				
						.XXX ± 0.10/.004	.XX" ±				



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

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

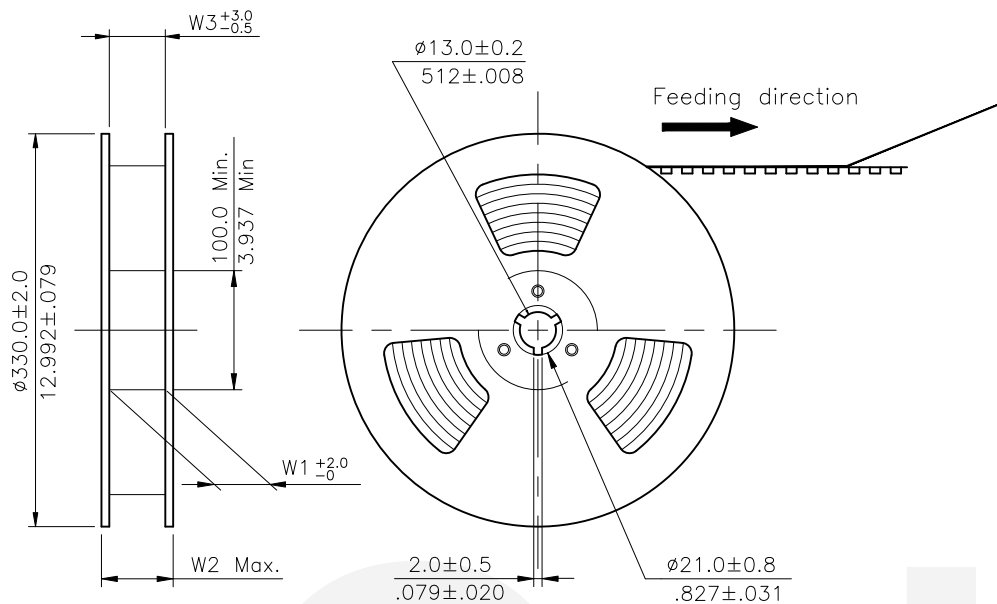
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use(SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair—Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair—Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair—Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair—Position 2
A8	SBU1	Sideband Use(SBU)	B5	CC2	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return



Lead Free Process

RoHS Compliant

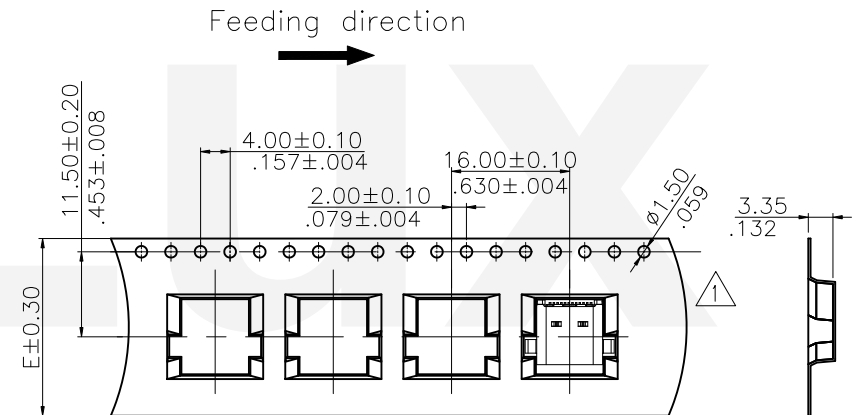
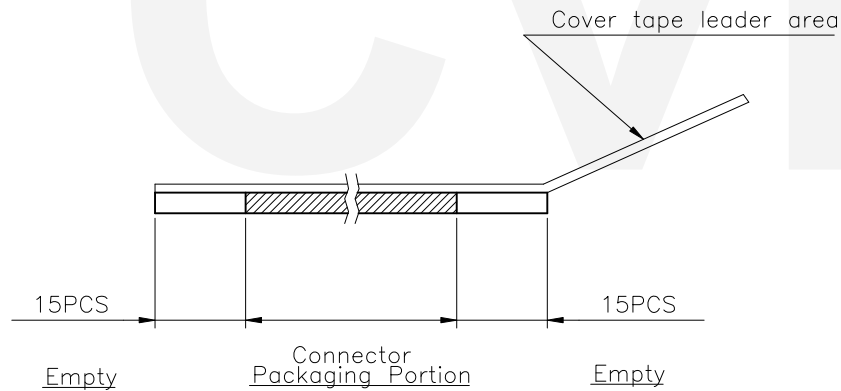
4						DATE	UNIT: mm / inch	TITLE: CU30 Type C/F 24 PIN CH=0.60mm SMT TYPE MIDDLE MOUNT TYPE	 瀚荃股份有限公司 CviLux Corporation					
3	Annie	2022.8.19	ECRD122033 REVISIONS	DRAWN BY:	Annie	8/19-22'	TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:		DRAWING NO.	CU30S01SD	PART NO.	CU3024S*BALR001-LF	
2	Annie	2021.7.20	ECND121024 REVISIONS	ENGINEER:	Gavin	8/19-22'				.X ± 0.25/.010	X' ± 4'			
1	Annie	2021.7.12	ECRD121032 REVISIONS	CHECKED BY:	Keny	8/19-22'	.XX ± 0.20/.008	X' ± 2'		FINISH:	SCALE	1 / 1	SHEET	2 OF 3
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Keny	8/19-22'	.XXX ± 0.10/.004	.XX' ±						



NOTE :

- * Reel Material : HIPS
- * Carrier Material : Clear, Conductive Polystyrene Alloy
- * Cover Tape Material : Polyester
- * Cover Tape Peel Strength : 0.1N – 1.3N
- * Carrier camber is within 1mm in 250mm
- * All dimensions meet EIA-481-B requirements.
- * Quantity : 1200 PCS/Reel

Dimension				Packing (Reel/Carton)
E	W1	W2	W3	
24.0(.945)	24.5(.965)	30.5(1.201)	24.5(.965)	10



WIDTH : 24 mm Carrier

Lead Free Process

RoHS Compliant



4				DATE	UNIT: mm / inch	TITLE:	 瀚荃股份有限公司 CviLux Corporation			
3	Annie	2022.8.19	ECRD122033 REVISIONS	DRAWN BY: Annie	8/19-22'	CU30 Type C/F 24 PIN CH=0.60mm SMT TYPE MIDDLE MOUNT TYPE				
2	Annie	2021.7.20	ECND121024 REVISIONS	ENGINEER: Gavin	8/19-22'	TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWING NO. CU30S01SD PART NO. CU3024S*BALR001-LF			
1	Annie	2021.7.12	ECRD121032 REVISIONS	CHECKED BY: Keny	8/19-22'	.X ± .X' ± 1'				
SYM	NAME	DATE	REVISIONS	APPROVED BY: Keny	8/19-22'	.XX ± .X' ±	SCALE SHEET 3 OF 3			
						.XXX ± .XX' ±				