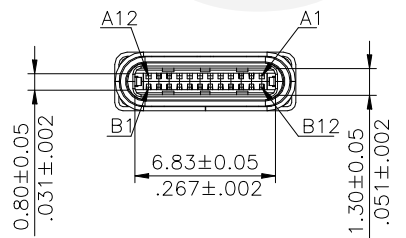
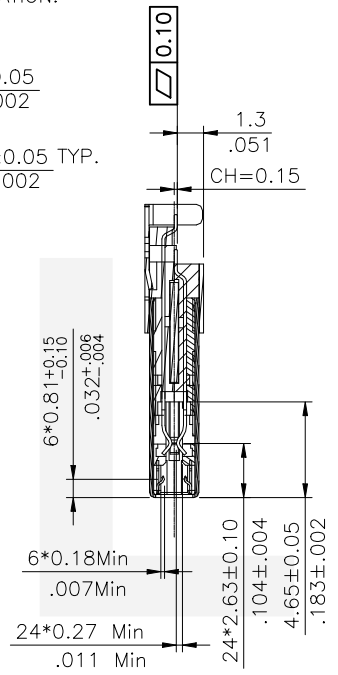
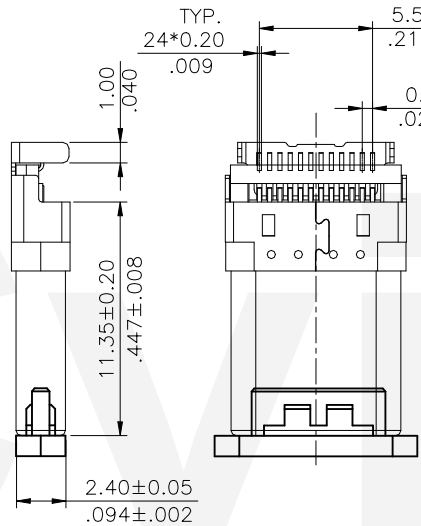
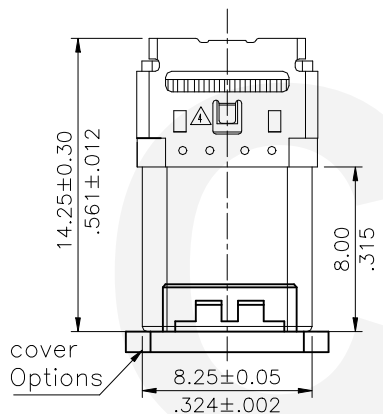


MATERIAL:
 1.HOUSING: LCP, GLASS FIBER FILLED, BK
 2.CONTACT: COPPER ALLOY
 3.GUARD PLATE:STAINLESS STEEL,
 4.SHELL: STAINLESS STEEL
 FINISH:
 CONTACT :SEE ORDER INFORMATION.
 SHELL: NICKEL PLATING



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Ordering Code:

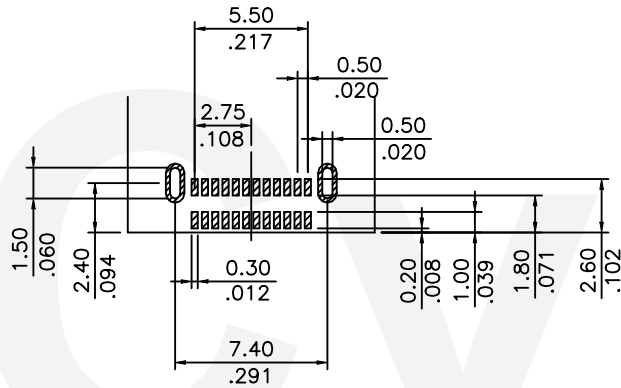
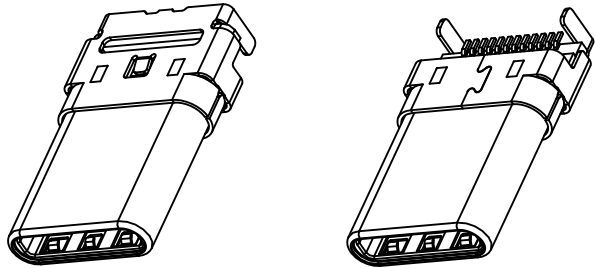
CU30 24 P * A H L R 00* -NH
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
- ② No. of Circuits
- ③ P=Plug
- ④ Plating option:
 A= Gold Flash plated on Contact area, Matte Tin plated on Solderails, Nickel underplating over all.
 B= 15u" gold plated on Contact area, Matte Tin plated on Solderails, Nickel underplating over all.
 C= 30u" gold plated on Contact area, Matte Tin plated on Solderails, Nickel underplating over all.
- ⑤ Shell Material & Plating:
 A= Stainless Steel Nickel Plating
- ⑥ Contact Material: H= Copper Alloy
- ⑦ Insulator Material & Color option:
 L= LCP, Black
- ⑧ Packing R= Tape & Reel
- ⑨ 003= Without cover
 004= With cover
 006= With cover attach Back shell
- ⑩ NH= For Lead Free wave or IR Reflow Processes & Halogen Free

Lead Free Process

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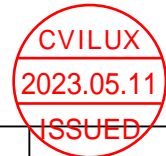
△5	Keny	05/04-23'	CHANGE ECRD123027		DATE	UNIT: mm / inch	TITLE: CU30 Type C PLUG 24Pin CH=0.15 SMT Type MIDDLE MOUNT RIGHT ANGLE	 瀚荃股份有限公司 CviLux Corporation	
△4	Keny	09/28-21'	CHANGE ECRD121048	DRAWN BY: Annie	05/04-23'	TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:		
△3	Keny	7.25	CHANGE	ENGINEER: Annie	05/04-23'				.X ± 0.25/.010 X.* ± 4'
△2	Annie	7.20	CHANGE ECND121024	CHECKED BY: Keny	05/04-23'	.XX ± 0.20/.008 X.* ± 2'	FINISH:		
SYM	NAME	DATE	REVISIONS	APPROVED BY: Keny	05/04-23'	.XXX ± 0.10/.004 X.X* ± 1'			
								DRAWING NO. CU30P02SE	PART NO. CU3024P*AHLR00*-NH
								SCALE 3 / 1	SHEET 1 OF 4



RECOMMENDED P.C.B. LAYOUT
 T=0.80(.031) OR 1.00(.040)mm
 TOLERANCE UNSPECIFIED ±0.05mm

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



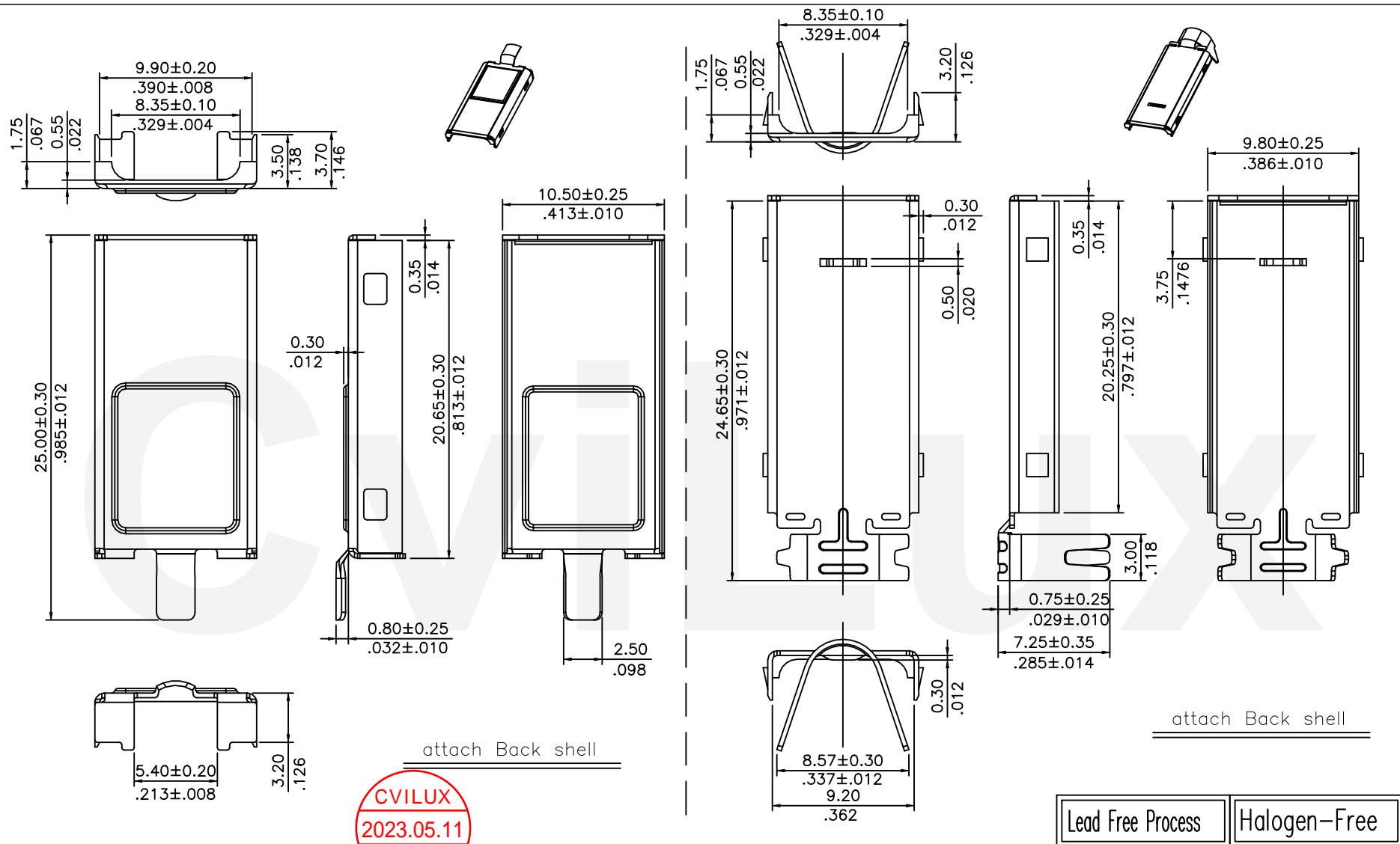
Lead Free Process Halogen-Free

SYM	NAME	DATE	REVISIONS	APPROVED BY:	Keny	05/04-23'
5	Keny	05/04-23'	CHANGE ECRD123027			
4	Keny	09/28-21'	CHANGE ECRD121048	DRAWN BY:	Annie	05/04-23'
3	Keny	7.25	CHANGE	ENGINEER:	Annie	05/04-23'
2	Annie	7.20	CHANGE ECND121024	CHECKED BY:	Keny	05/04-23'
SYN	NAME	DATE	REVISIONS	APPROVED BY:	Keny	05/04-23'

UNIT: mm / inch		TITLE: CU30 Type C PLUG 24Pin CH=0.15 SMT Type MIDDLE MOUNT RIGHT ANGLE	
TOLERANCE UNLESS OTHERWISE SPECIFIED		MATERIAL:	
.X ± 0.25/.010	X* ± 4'	FINISH:	
.XX ± 0.20/.008	.X' ± 2'		
.XXX ± 0.10/.004	.XX' ± 1'		

DRAWING NO. CU30P02SE		PART NO. CU3024P*AHLR00*-NH	
SCALE	3 / 1	SHEET	2 OF 4





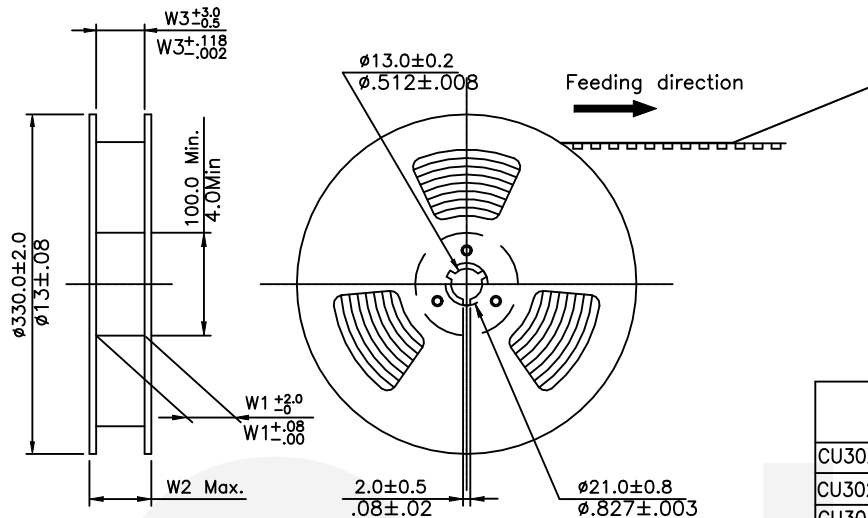
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CviLux Corporation

DRAWING NO. CU30P02SE PART NO. CU3024P*AHLR00*-NH
SCALE 3 / 1 SHEET 3 OF 4

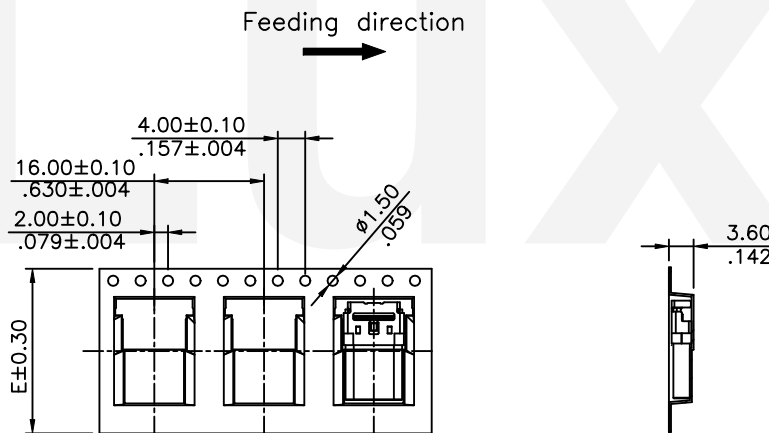
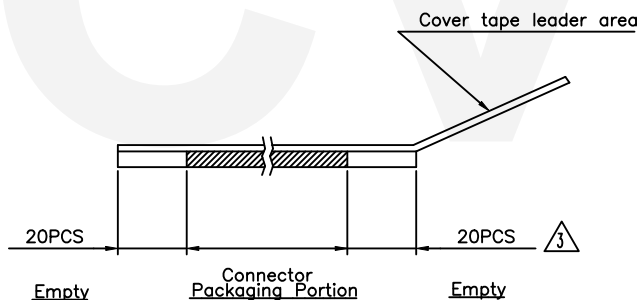
SYM	NAME	DATE	REVISIONS	APPROVED BY:	DATE	UNIT: mm / inch	TOLERANCE UNLESS OTHERWISE SPECIFIED	TITLE:
5	Keny	05/04-23'	CHANGE ECRD123027				.X ± 0.25/.010 X.* ± 4'	CU30 Type C PLUG 24Pin CH=0.15
4	Keny	09/28-21'	CHANGE ECRD121048	DRAWN BY: Annie	05/04-23'		.XX ± 0.20/.008 X.* ± 2'	SMT Type MIDDLE MOUNT RIGHT ANGLE
3	Keny	7.25	CHANGE	ENGINEER: Annie	05/04-23'		.XXX ± 0.10/.004 .XX ± 1'	MATERIAL:
2	Annie	7.20	CHANGE ECND121024	CHECKED BY: Keny	05/04-23'			FINISH:
				APPROVED BY: Keny	05/04-23'			



NOTE :

- * Reel Material : HIPS
- * Carrier Material : Black, 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 : 1000 PCS/Reel

PART NO.	Dimension				Packing (Reel/Carton)
	E	W1	W2	W3	
CU3024P*AHLR003-NH	24.0(.945)	24.5(.965)	30.5(1.201)	24.5(.965)	10
CU3024P*AHLR004-NH	32.0(1.260)	32.5(1.279)	36.5(1.437)	32.5(1.279)	8
CU3024P*AHLR006-NH	32.0(1.260)	32.5(1.279)	36.5(1.437)	32.5(1.279)	8



WIDTH : 24 mm Carrier

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5	Keny	05/04-23'	CHANGE ECRD123027		DATE	UNIT: mm / inch	TITLE:	 瀚荃股份有限公司 CviLux Corporation			
4	Keny	09/28-21'	CHANGE ECRD121048	DRAWN BY: Annie	05/04-23'	TOLERANCE UNLESS OTHERWISE SPECIFIED .X ± X' ± 4" .XX ± X' ± 2" .XXX ± X' ± 1"	CU30 Type C PLUG 24Pin CH=0.15 SMT Type MIDDLE MOUNT RIGHT ANGLE				
3	Keny	7.25	CHANGE	ENGINEER: Annie	05/04-23'		MATERIAL:				
	Annie	7.20	CHANGE ECND121024	CHECKED BY: Keny	05/04-23'		FINISH:				
SYM	NAME	DATE	REVISIONS	APPROVED BY: Keny	05/04-23'						
DRAWING NO.		CU30P02SE	PART NO.		CU3024P*AHLR00*-NH			DRAWING NO.	CU30P02SE	PART NO.	CU3024P*AHLR00*-NH
SCALE		3 / 1		SHEET		4 OF 4					