

**MATERIAL:**

- 1.HOUSING: PA4T, GLASS FIBER FILLED, BK
- 2.CONTACT: COPPER ALLOY (T=0.20mm)
- 3.GUARD PLATE:STAINLESS STEEL
- 4.SHIELD: STAINLESS STEEL

FINISH:

CONTACT: SEE ORDER INFORMATION
SHELL: NICKEL PLATING
Protection level:IP68

Ordering Code:

CU39 24 S * Z B N R 007 -NH
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
- ② No of Circuits:
- ③ S= Socket
- 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:
Z= kirsite

- ⑥ Contact MATERIAL: B= COPPER ALLOY

- ⑦ Insulator Material & Color option:
N= PA4T Black

- ⑧ Packing Option: R= Reel Packing

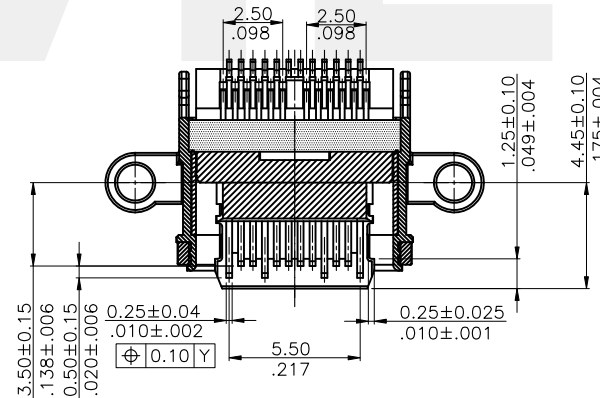
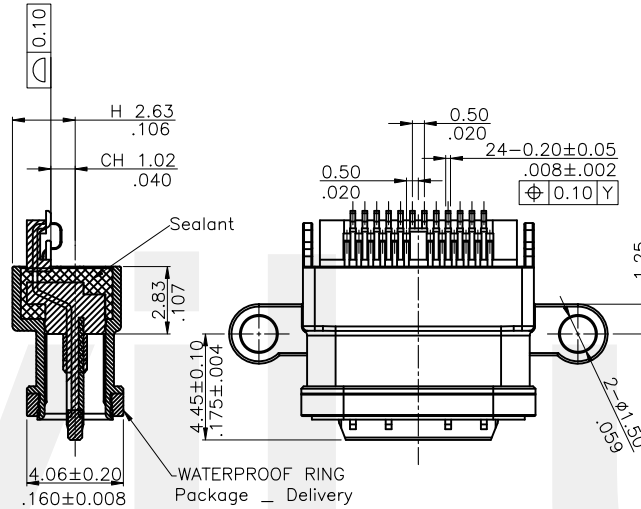
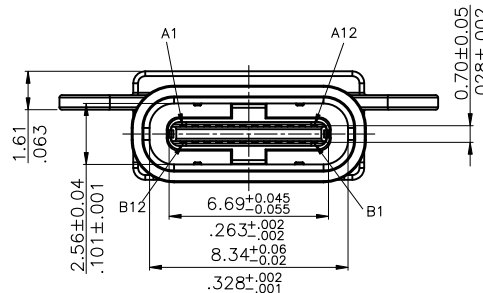
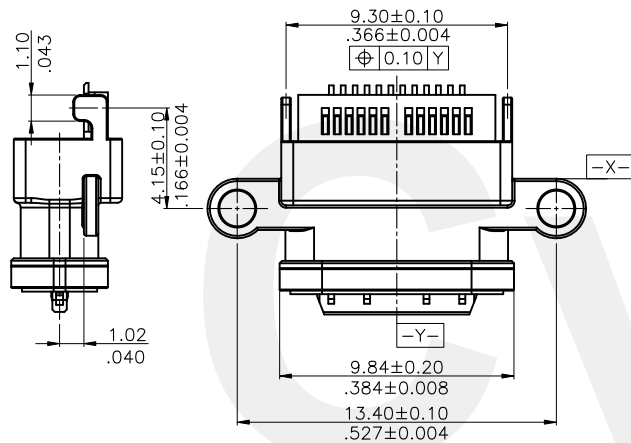
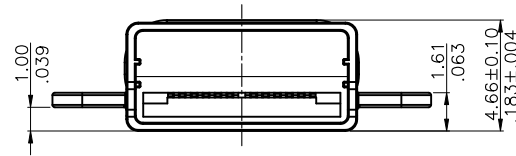
- ⑨ 007:Stream code

- ⑩ -NH: For Lead Free wave or IR Reflow

Processes & Halogen Free

Halogen-Free

RoHS compliant



CIVILUX COUP

2021.08.12

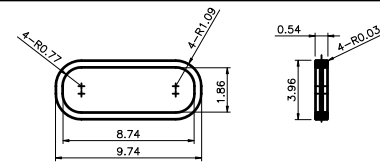
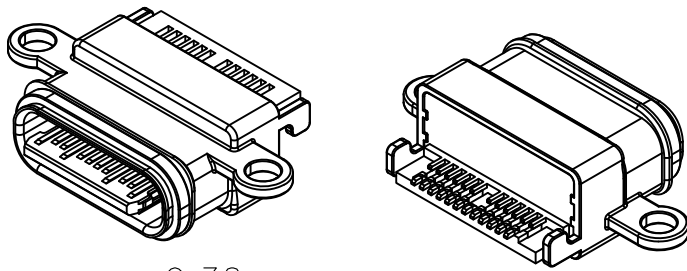
ISSUED

SYM	NAME	DATE	REVISIONS	APPROVED BY:	Keny	07/20-21'	UNIT: mm / inch	TOLERANCE UNLESS OTHERWISE SPECIFIED	X ± 0.25 .XX ± 0.20 .XXX ± 0.10	X' ± 4' .X' ± 2' .XX' ± 1'	TITLE: USB Type C/M 24 PIN CH=1.02mm SMT TYPE WATERPROOF	MATERIAL:	FINISH:
3				DRAWN BY:	Annie	07/20-21'							
2				ENGINEER:	Gavin	07/20-21'							
1	Annie	7.20	CHANGE ECND121024	CHECKED BY:	Keny	07/20-21'							
				APPROVED BY:	Keny	07/20-21'							

DRAWING NO.	CU39S07SB	PART NO.	CU3924S*ZBNR007-NH
SCALE	1 / 1	SHEET	1 OF 3



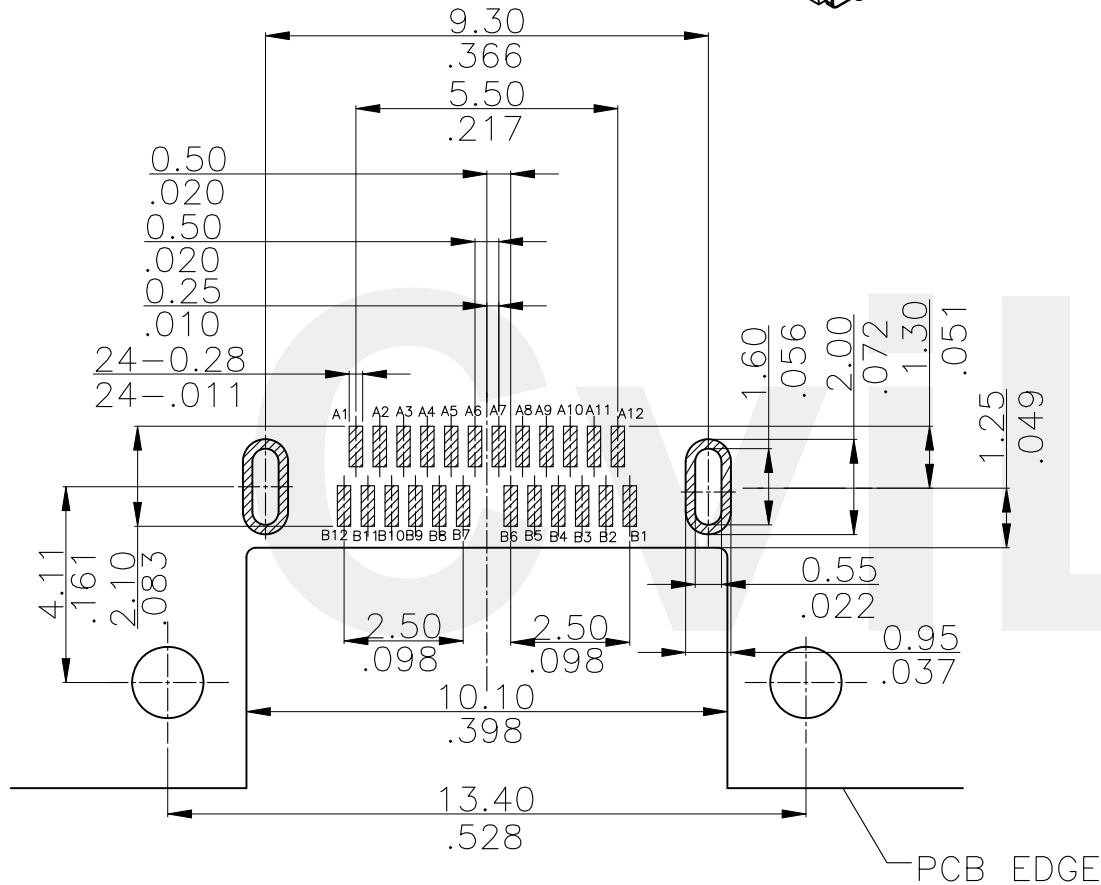
瀚荃股份有限公司
CviLux Corporation



Recommended specification of
waterproof ring
(material: silicone rubber)

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



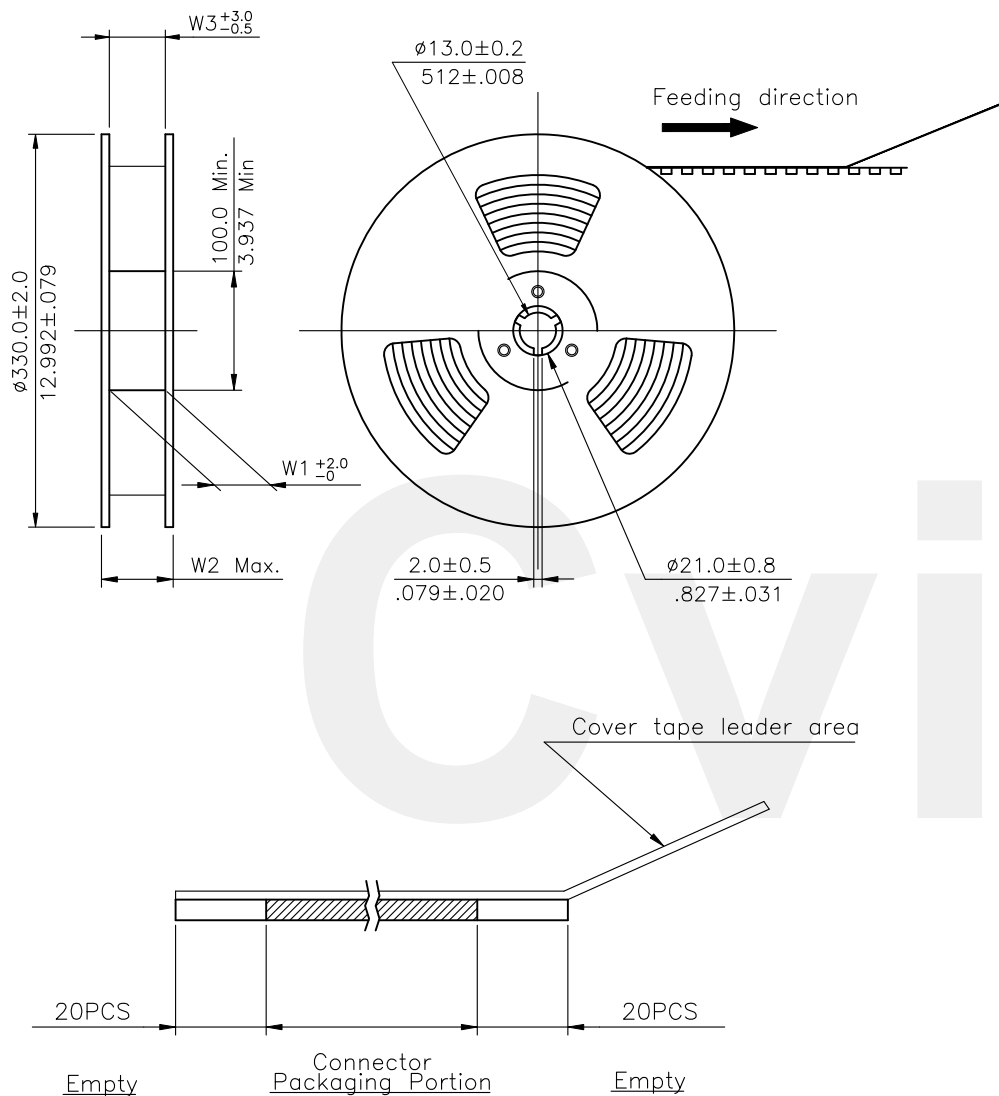
RECOMMENDED P.C.B. LAYOUT(T:1.00mm)

TOLERANCE: $\pm 0.05\text{mm}$

Halogen-Free

RoHS compliant

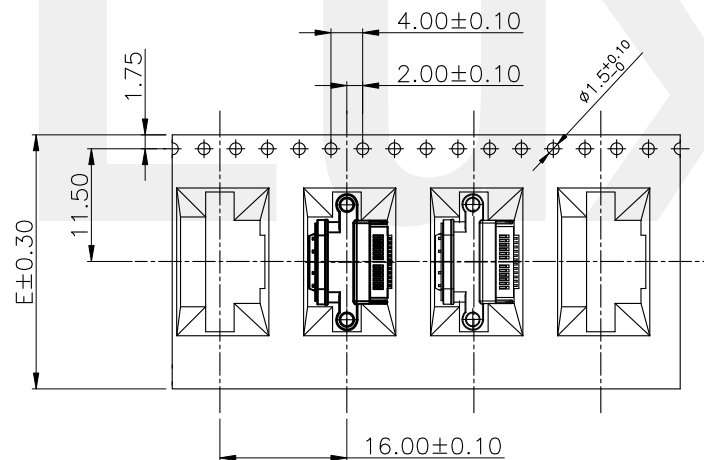
			CVLUX COUP			DATE	UNIT: mm / inch		TITLE:	 瀚荃股份有限公司 CviLux Corporation			
3			2021.08.12	DRAWN BY:	Annie	07/20-21'	TOLERANCE UNLESS OTHERWISE SPECIFIED		USB Type C/M 24 PIN CH=1.02mm SMT TYPE WATERPROOF				
2			ISSUED	ENGINEER:	Gavin	07/20-21'	.X ± 0.25	X' ± 4"	MATERIAL:	DRAWING NO. CU39S07SB PART NO. CU3924S*ZBNR007-NH			
1	Annie	7.20	CHANGE ECND121024	CHECKED BY:	Keny	07/20-21'	.XX ± 0.20	X' ± 2"	FINISH:				
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Keny	07/20-21'	.XXX ± 0.10	.X' ± 1"		SCALE	1 / 1	SHEET 2 OF 3	



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 : 800 PCS/Reel

Dimension				Packing (Reel/Carton)
E	W1	W2	W3	
24.0(.945)	24.5(.945)	30.5(1.181)	24.5(.945)	10



Halogen-Free

RoHS Compliant

						DATE	UNIT: mm / inch		TITLE:		 瀚荃股份有限公司 CviLux Corporation			
3				DRAWN BY:	Annie	07/20-21'	TOLERANCE UNLESS OTHERWISE SPECIFIED		USB Type C/M 24 PIN CH=1.02mm SMT TYPE WATERPROOF					
2				ENGINEER:	Gavin	07/20-21'			MATERIAL:					
1	Annie	7.20	CHANGE ECND121024	CHECKED BY:	Keny	07/20-21'			FINISH:					
SYM	NAME	DATE	REVISIONS	APPROVED BY:	Keny	07/20-21'	.XX ± 0.10	.XX' ± 1'			SCALE	1 / 1	SHEET	3 OF 3

CVILUX COUP
2021.08.12
ISSUED