

## Ordering Code:

CU32 16 S \* S B L R 004 -NH  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No:CU32
  - ② No of Circuits:16Pin
  - ③ Contact type:S= Socket
  - ④ Contact Plating option:

A= Gold Flash plated on Contact area,  
Matte Tin plated on Soldertails,  
Nickel underplating over all

B= 15u" gold plated on Contact area,  
Matte Tin plated on Solder tails,  
Nickel underplating over all

C= 30u" gold plated on Contact area,  
Matte Tin plated on Solder tails,  
Nickel underplating over all

2= Gold flash over 50u" (1.27um) Nickel

⑤ Shell Material & Plating:  
S=STAINLESS STEEL

⑥ Contact Material: B=COPPER ALLOY

⑦ Insulator Material & Color option:  
L= LCP Black

- ⑧ Packing Option: R= Tape & Reel
- ⑨ -NH: For Lead Free wave or IR Reflow Processes & Halogen Free

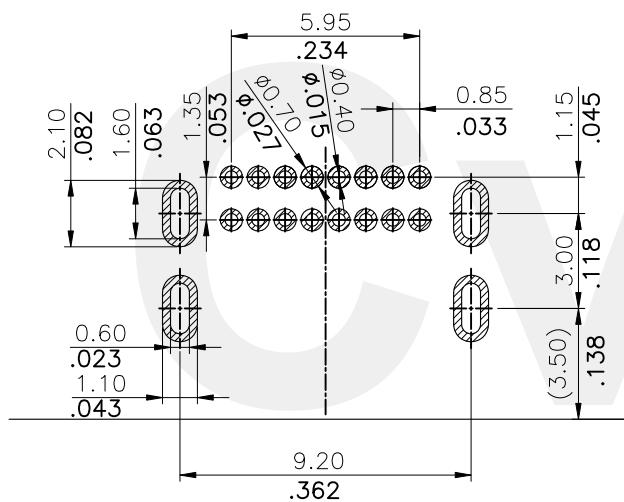
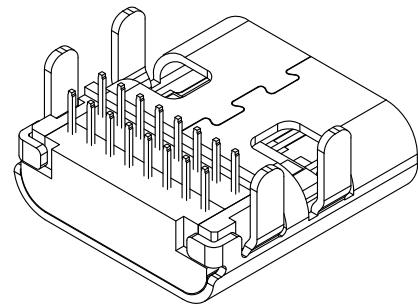
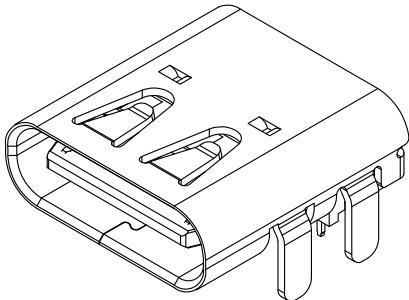
## Halogen-Free

RoHS Compliant



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CviLux Corporation

4			CIVILUX COUP 2021.08.12		DATE DRAWN BY: ENGINEER:	UNIT: mm / inch TOLERANCE UNLESS OTHERWISE SPECIFIED	TITLE: Type C/F 16 PIN CH=1.59mm DIP TYPE TOP MOUNT TYPE	MATERIAL: FINISH:	DRAWING NO. SCALE	PART NO. SHEET 1 OF 3	瀨荃股份有限公司 CviLux Corporation
3			ISSUED								
2						.X ± 0.25/.010	.X ± 4°				
1	Annie	7.20	CHANGE ECND121024	CHECKED BY: APPROVED BY:	Keny	.XX ± 0.20/.008	.X ± 2°				
SYM	NAME	DATE	REVISIONS			.XXX ± 0.10/.004	.XX ±				



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			B11		
A3			B10		
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			B3		
A11			B2		
A12	GND	Ground return	B1	GND	Ground return

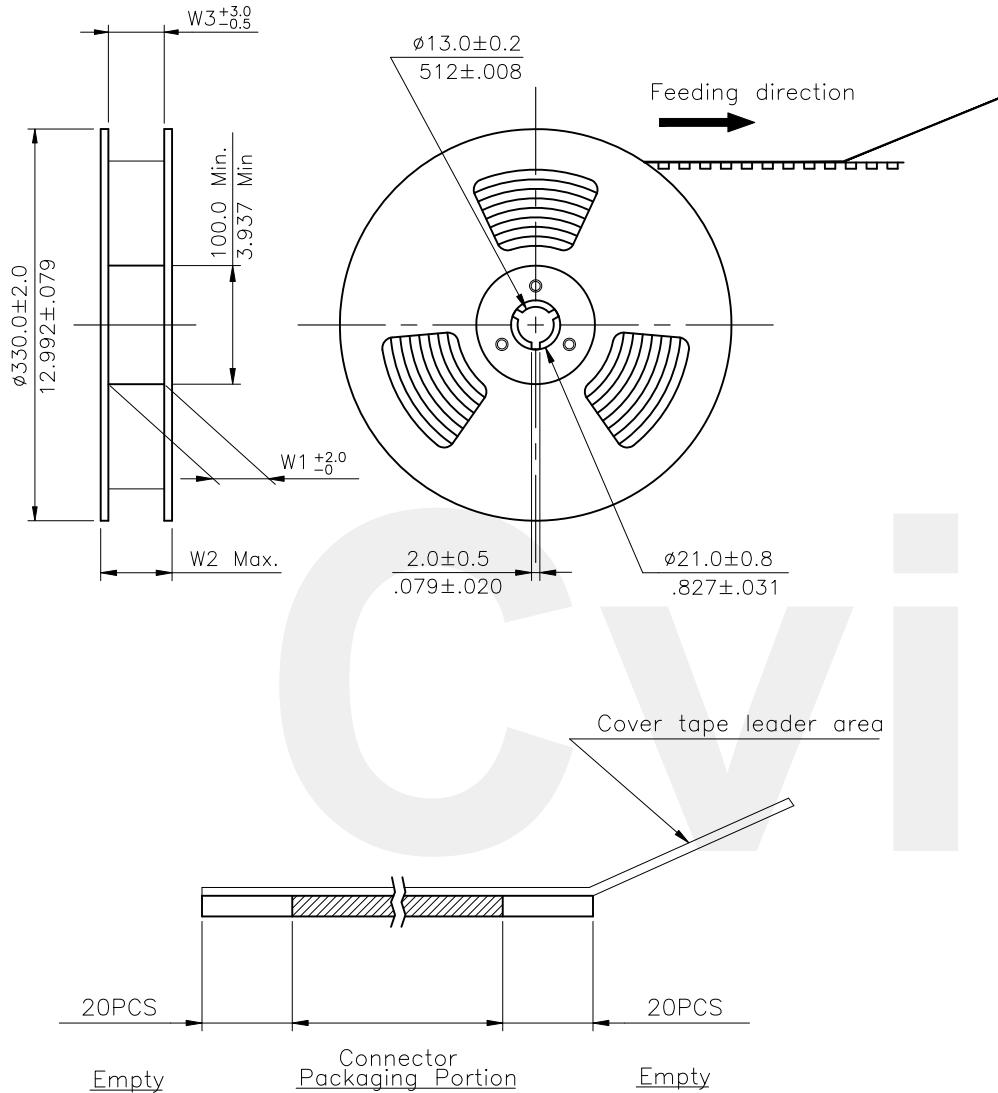
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CviLux Corporation

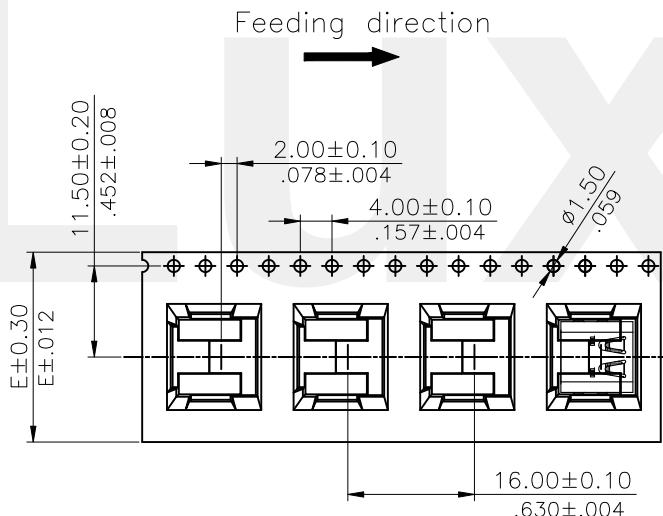
4			CVILUX COUP			DATE	UNIT: mm / inch	TITLE:		
3			2021.08.12	DRAWN BY:	Annie	07/20-21'	TOLERANCE UNLESS OTHERWISE SPECIFIED	Type C/F 16 PIN CH=1.59mm DIP TYPE TOP MOUNT TYPE	MATERIAL:	DRAWING NO.
2			ISSUED	ENGINEER:	Gavin	07/20-21'				
1	Annie	7.20	CHANGE ECND121024	CHECKED BY:	Keny	07/20-21'	.X ± 0.25/.010	X ± 4°	FINISH:	PART NO.
			REVISIONS	APPROVED BY:	Keny	07/20-21'	.XX ± 0.20/.008	X ± 2°		
SYM	NAME	DATE					XXX ± 0.10/.004	XX ±	SCALE	1 / 1
									SHEET	2 OF 3



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 : 800 PCS/Reel

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



CVILUX COUP  
2021.08.12  
ISSUED

DRAWN BY: Annie  
ENGINEER: Gavin  
CHECKED BY: Keny  
APPROVED BY: Keny

DATE  
07/20-21'  
07/20-21'  
07/20-21'  
07/20-21'

UNIT: mm / inch  
TOLERANCE  
UNLESS OTHERWISE SPECIFIED  
.X ± 0.25/.010    X ± 4°  
.XX ± 0.20/.008    X ± 2°  
.XXX ± 0.10/.004    XX ±

TITLE:  
Type C/F 16 PIN CH=1.59mm  
DIP TYPE TOP MOUNT TYPE  
MATERIAL:  
FINISH:

Halogen-Free    RoHS Compliant



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CviLux Corporation

DRAWING NO.	CU32S04SB	PART NO.	CU3216S*SBLR004-NH
SCALE	1 / 1	SHEET	3 OF 3

4

3

2

1

SYN

NAME

DATE

REVISIONS

CHANGE ECND121024