

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 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

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

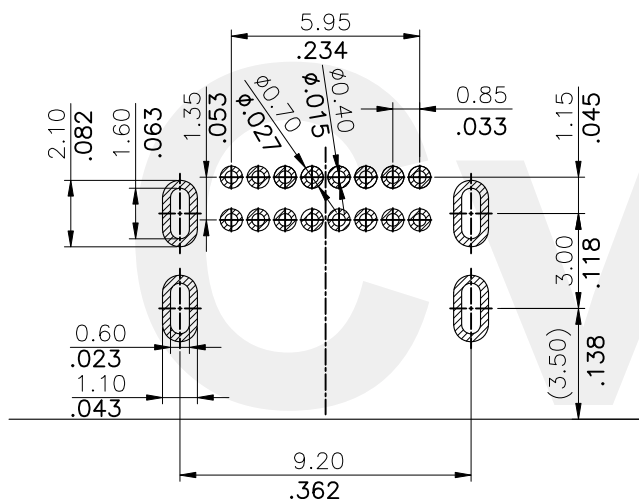
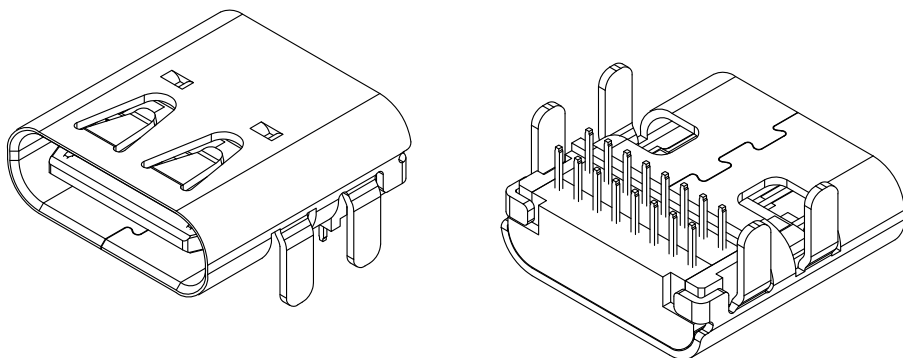
- ⑤ Shell Material & Plating:
 S=STAINLESS STEEL
- ⑥ Contact Material: B=COPPER ALLOY
- ⑦ Insulator Material & Color option:
 L= LCP Black
- ⑧ Packing Option: R= Tape & Reel
- ⑨ -NH: For Lead Free wave or IR Reflow
 Processes & Halogen Free

Halogen-Free

RoHS Compliant

4					DATE	UNIT: mm / inch	TITLE:	 瀚荃股份有限公司 CvILux Corporation			
3					DRAWN BY: Annie	07/20-21'	Type C/F 16 PIN CH=1.59mm DIP TYPE TOP MOUNT TYPE				
2					ENGINEER: Gavin	07/20-21'	MATERIAL:	DRAWING NO. CU32S04SB	PART NO. CU3216S*SBLR004-NH	SCALE 1 / 1	SHEET 1 OF 3
1	Annie	7.20	CHANGE ECND121024		CHECKED BY: Keny	07/20-21'	FINISH:				
SYM	NAME	DATE	REVISIONS		APPROVED BY: Keny	07/20-21'					





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


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

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

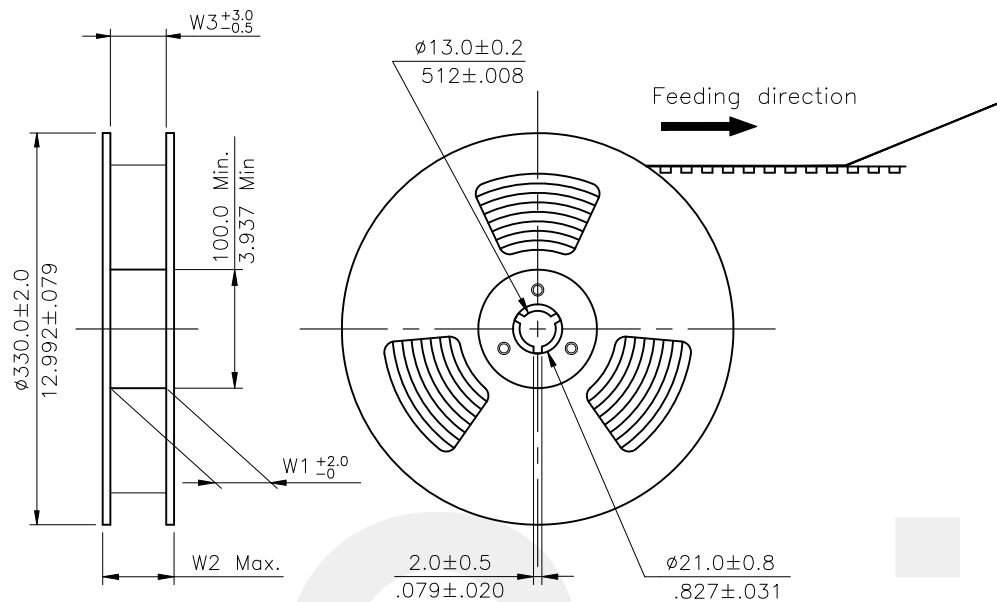
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2			B11		
A3			B10		
A4	Vbus	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use(SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair—Position 1	B7	Dn2	Negative half of 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

Halogen-Free

RoHS Compliant

4					DATE	UNIT: mm / inch	TITLE:	 瀚荃股份有限公司 CvILux Corporation			
3					DRAWN BY: Annie	07/20-21'	Type C/F 16 PIN CH=1.59mm DIP TYPE TOP MOUNT TYPE				
2					ENGINEER: Gavin	07/20-21'	MATERIAL:	DRAWING NO. CU32S04SB PART NO. CU3216S*SBLR004-NH			
1	Annie	7.20	CHANGE ECND121024	CHECKED BY: Keny	07/20-21'	.X $\pm 0.25/.010$ X* $\pm 4^{\circ}$.XX $\pm 0.20/.008$ X* $\pm 2^{\circ}$.XXX $\pm 0.10/.004$ XX* \pm	FINISH:				
SYM	NAME	DATE	REVISIONS	APPROVED BY: Keny	07/20-21'			SCALE	1 / 1	SHEET	2 OF 3

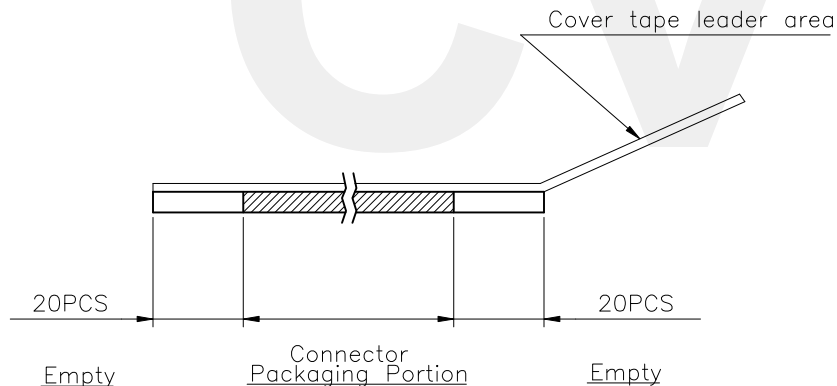
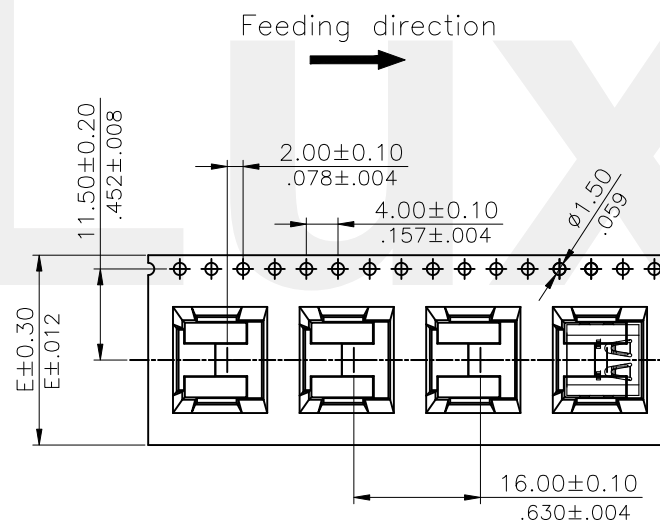




NOTE :

- * 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



Halogen-Free

RoHS Compliant

<div>4</div>						DATE	UNIT: mm / inch		TITLE:	<div><div></div>瀚荃股份有限公司</div> <div>CvLux Corporation</div>							
<div>3</div>						DRAWN BY: Annie	07/20-21'	TOLERANCE UNLESS OTHERWISE SPECIFIED						Type C/F 16 PIN CH=1.59mm DIP TYPE TOP MOUNT TYPE			
<div>2</div>						ENGINEER: Gavin	07/20-21'	<div>.X ± 0.25/.010</div> <div>.XX ± 0.20/.008</div> <div>.XXX ± 0.10/.004</div>	<div>X.* ± 4"</div> <div>.X.* ± 2"</div> <div>.XX.* ±</div>	MATERIAL:		DRAWING NO.	CU32S04SB	PART NO.	CU3216S*SBLR004-NH		
<div>1</div>	Annie	7.20	CHANGE ECND121024	CHECKED BY: Keny	07/20-21'	FINISH:											
SYM	NAME	DATE	REVISIONS	APPROVED BY: Keny	07/20-21'							SCALE	1 / 1	SHEET	3	OF	3