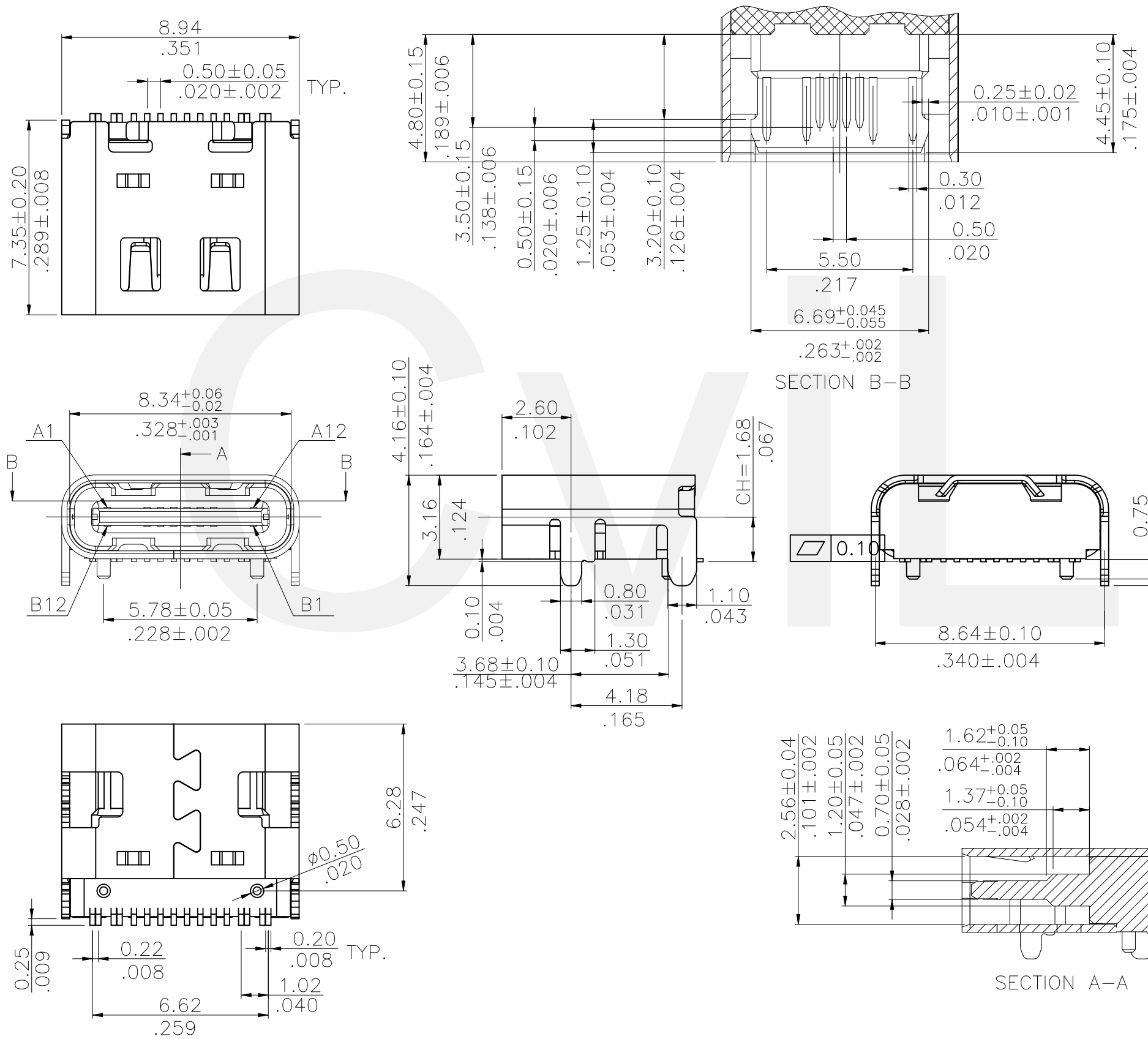




MATERIAL:
1.HOUSING: High temperature plastic material
2.CONTACT: COPPER ALLOY
3.SHIELD: STAINLESS STEEL

FINISH:
CONTACT: SEE ORDER INFORMATION
SHELL: NICKEL PLATING

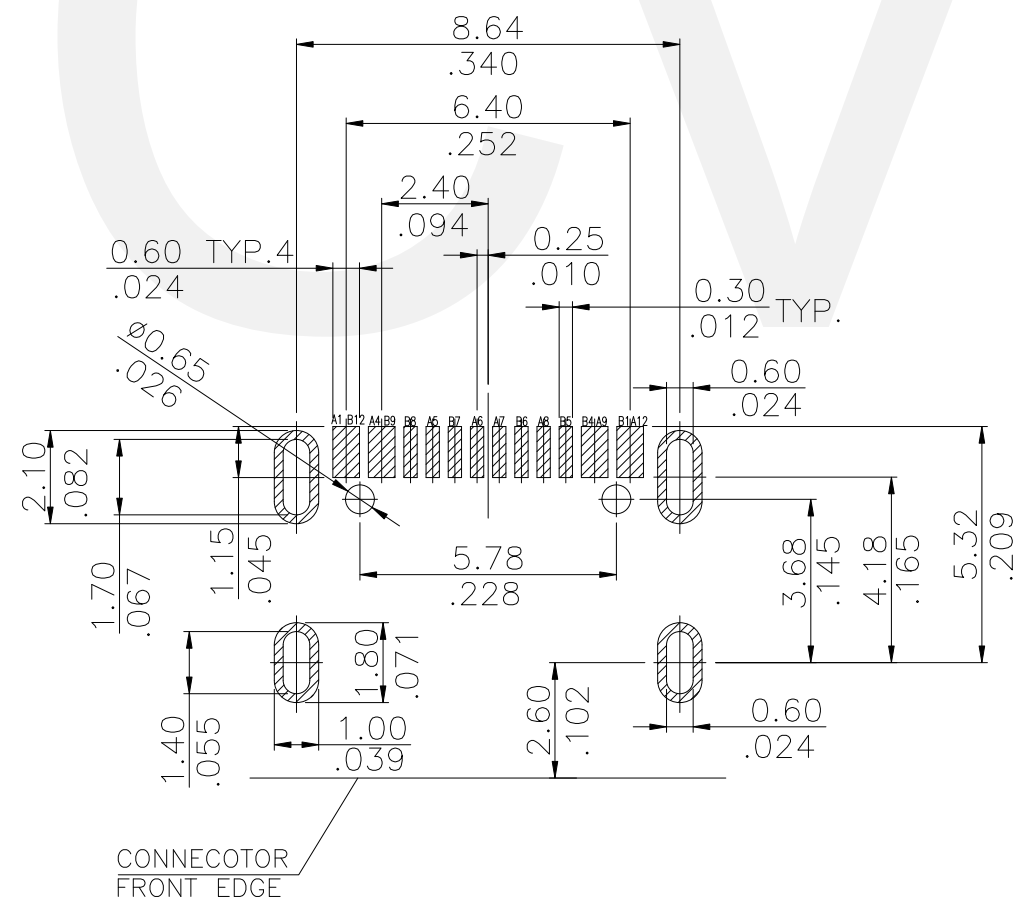
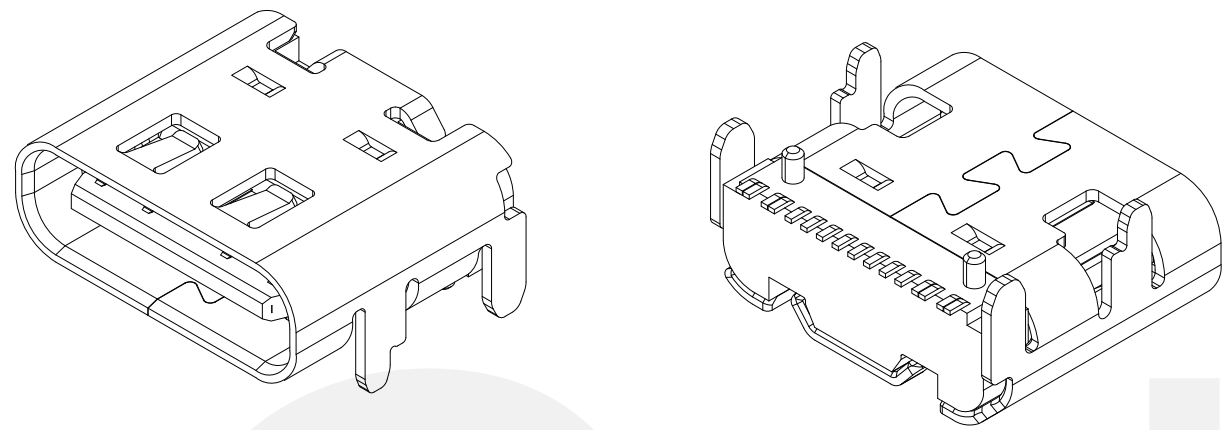
Ordering Code:

CU32 16 S * S D L R 009 -NH
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.CU32
- ② No of Circuits:16Pin
- ③ S= Socket
- ④ Plating option:
A= Gold Flash 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: D=Copper Alloy
- ⑦ Insulator Material & Color option:
L=High temperature plastic material
- ⑧ Packing R= Tape & Reel
- ⑨ 009=BLACK HOUSING
037=WHITE HOUSING
- ⑩ -NH= For Lead Free wave or IR Reflow
Processes & Halogen Free

Halogen-Free RoHS Compliant

4					DATE	UNIT: mm / inch	TITLE: Type C/F 16 PIN CH=1.68mm SMT TYPE TOP MOUNT TYPE	 瀚荃股份有限公司 CviLux Corporation			
3						TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:				
2	Alin	02/23-25'	CHANGE ECN D125008	DRAWN BY: Alin	02/23-25'	.X ± 0.25/.010 .XX ± 0.20/.008 .XXX ± 0.10/.004		DRAWING NO. CU32S09SC	PART NO. CU3216SASDLR009-NH CU3216SASDLR037-NH	SCALE 1 / 1	SHEET 1 OF 3
1	Annie	07/20-21'	CHANGE ECN D121024	ENGINEER: Alin	02/23-25'		FINISH:				
SYM	NAME	DATE	REVISIONS	CHECKED BY: Keny	02/23-25'						
				APPROVED BY: Keny	02/23-25'						



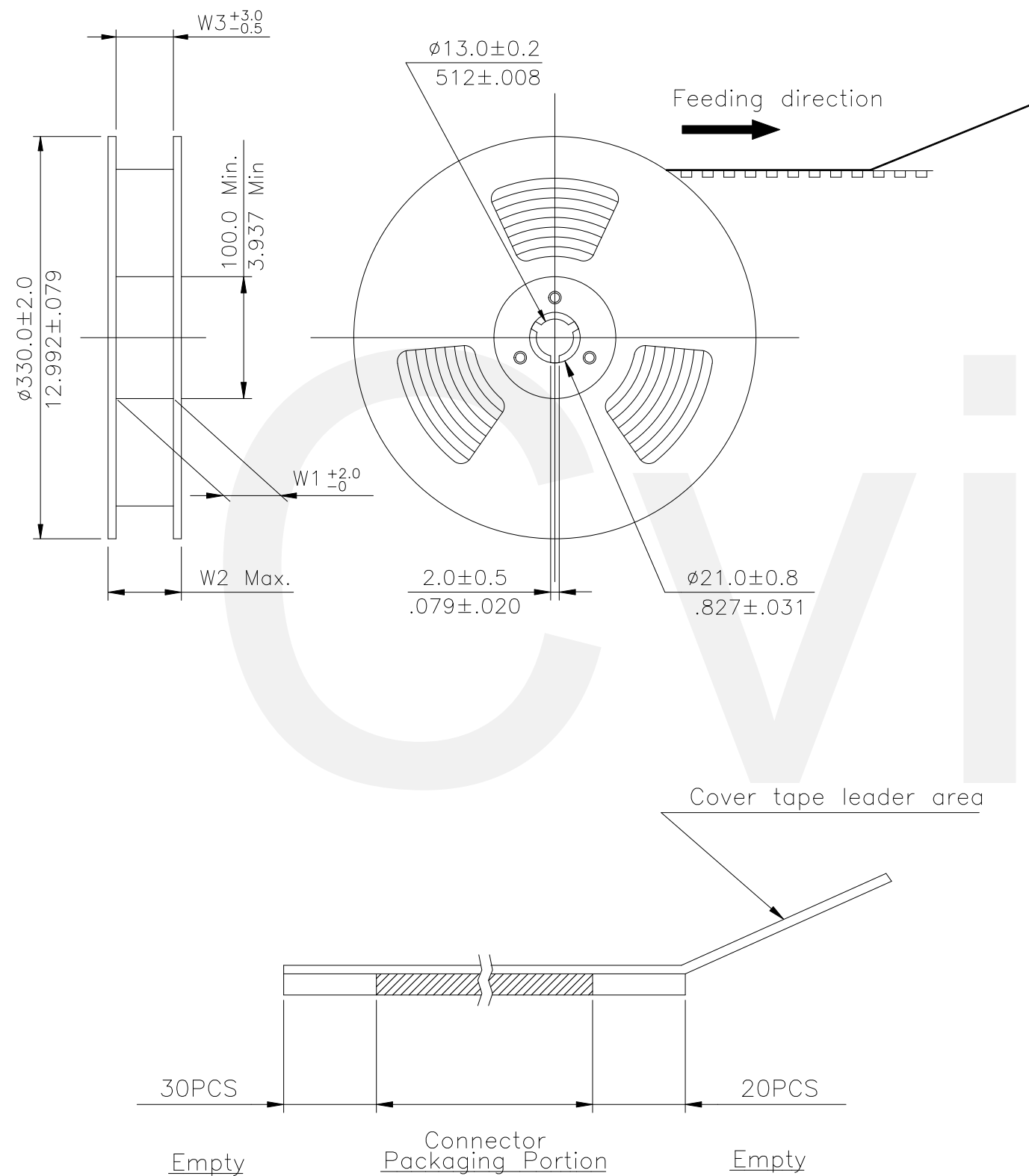
RECOMMENDED P.C.B. LAYOUT (T:1.00mm)
TOLERANCE $\pm 0.05\text{mm}$

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			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

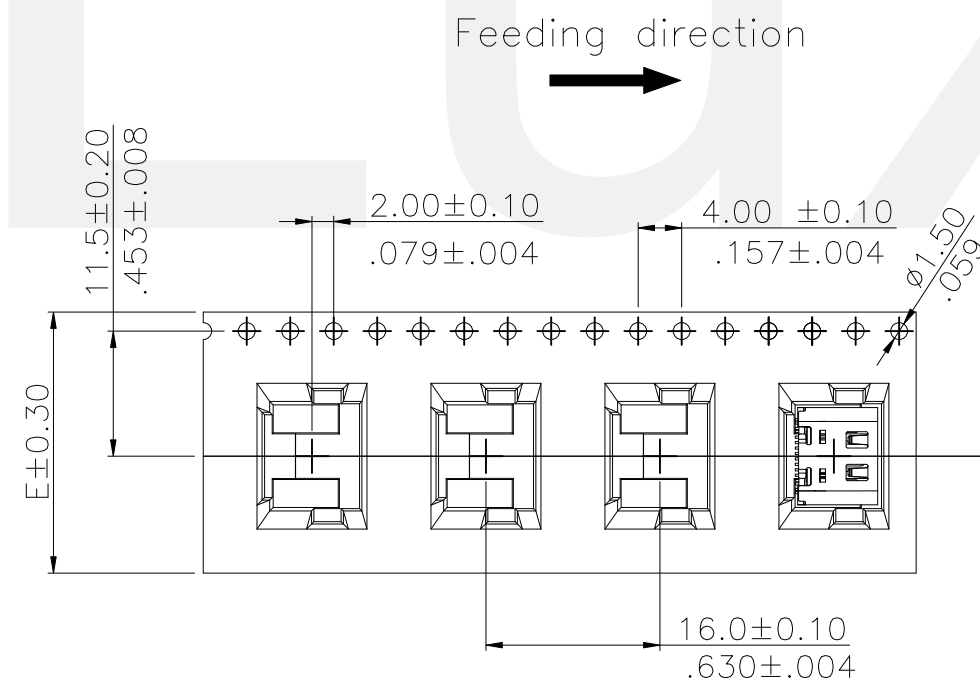
4					DATE	UNIT: mm / inch	TITLE: Type C/F 16 PIN CH=1.68mm SMT TYPE TOP MOUNT TYPE	 瀚荃股份有限公司 CviLux Corporation			
3					DRAWN BY: Alin	02/23-25'	TOLERANCE UNLESS OTHERWISE SPECIFIED				
2	Alin	02/23-25'	CHANGE ECND125008	ENGINEER: Alin	02/23-25'	.X $\pm 0.25/.010$	X* $\pm 4^{\circ}$	MATERIAL:	DRAWING NO. CU32S09SC	PART NO.	CU3216SASDLR009-NH CU3216SASDLR037-NH
1	Annie	07/20-21'	CHANGE ECND125024	CHECKED BY: Keny	02/23-25'	.XX $\pm 0.20/.008$	.X* $\pm 2^{\circ}$				
SYM	NAME	DATE	REVISIONS	APPROVED BY: Keny	02/23-25'	.XXX $\pm 0.10/.004$	.XX* $\pm$	FINISH:	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(.965)	30.5(1.201)	24.5(.965)	10



Halogen-Free

RoHS Compliant

4					DATE	UNIT: mm / inch	TITLE: Type C/F 16 PIN CH=1.68mm SMT TYPE TOP MOUNT TYPE
3					DATE	TOLERANCE UNLESS OTHERWISE SPECIFIED	
2	Alin	02/23-25'	CHANGE ECND125008	DRAWN BY: Alin	02/23-25'	.X $\pm$ X' $\pm$ 1'	MATERIAL:
1	Annie	07/20-21'	CHANGE ECND121024	ENGINEER: Alin	02/23-25'	.XX $\pm$.X' $\pm$	FINISH:
SYM	NAME	DATE	REVISIONS	CHECKED BY: Keny	02/23-25'	.XXX $\pm$.XX' $\pm$	
				APPROVED BY: Keny	02/23-25'		



瀚荃股份有限公司
CviLux Corporation

DRAWING NO.	CU32S09SC	PART NO.	CU3216SASDLR009-NH CU3216SASDLR037-NH
SCALE		SHEET	3 OF 3