

Recommended P.C.B Layout

Circuits	DIM.A	DIM.B	DIM.C	DIM.D
2	1.2(.047)	4.6(.181)	3.3(.130)	2.6(.102)
3	2.4(.034)	5.8(.228)	4.5(.177)	3.8(.150)
4	3.6(.142)	7.0(.276)	5.7(.224)	5.0(.197)
5	4.8(.189)	8.2(.323)	6.9(.271)	6.2(.244)
6	6.0(.236)	9.4(.370)	8.1(.319)	7.4(.291)
7	7.2(.283)	10.6(.417)	9.3(.366)	8.6(.339)
8	8.4(.331)	11.8(.465)	10.5(.413)	9.8(.386)
10	10.8(.425)	14.2(.559)	12.9(.507)	12.2(.480)

Material :

\* Base:

High Temperature Plastic UL 94V-0  
Black Color (Halogen-Free)



\* Contact : Copper Alloy

\* Tab : Brass, With Tin plated

Ordering Code:

CI63 \*\* M \* V R 0 -NH  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series No.

② No. of Circuits:

③ M= SMT Type

④ Plating: 1= Matte Tin over 50μ" min. Nickel

2= Gold flash over 50μ" min. Nickel

3= 0.38μm(15μ") gold plated over  
1.27μm(50μ") Nickel

8= 0.25μm(10μ") gold plated over  
1.27μm(50μ") Nickel

W= 0.076μm(3μ") Min. Gold Plating on  
Contact area, Gold Flash Plating on  
Solderails, 1.27μm (50μ") Nickel  
underplating over all

⑤ Type: V= Vertical Type

⑥ Packing Options: R= Tape & Reel packing


⑦ Other Option: 0= Standard

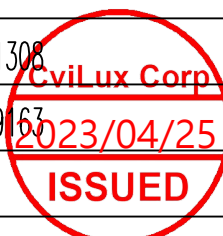
⑧ -NH= For Lead Free IR Reflow Processes  
and Halogen-Free

Halogen-Free

Lead Free Process

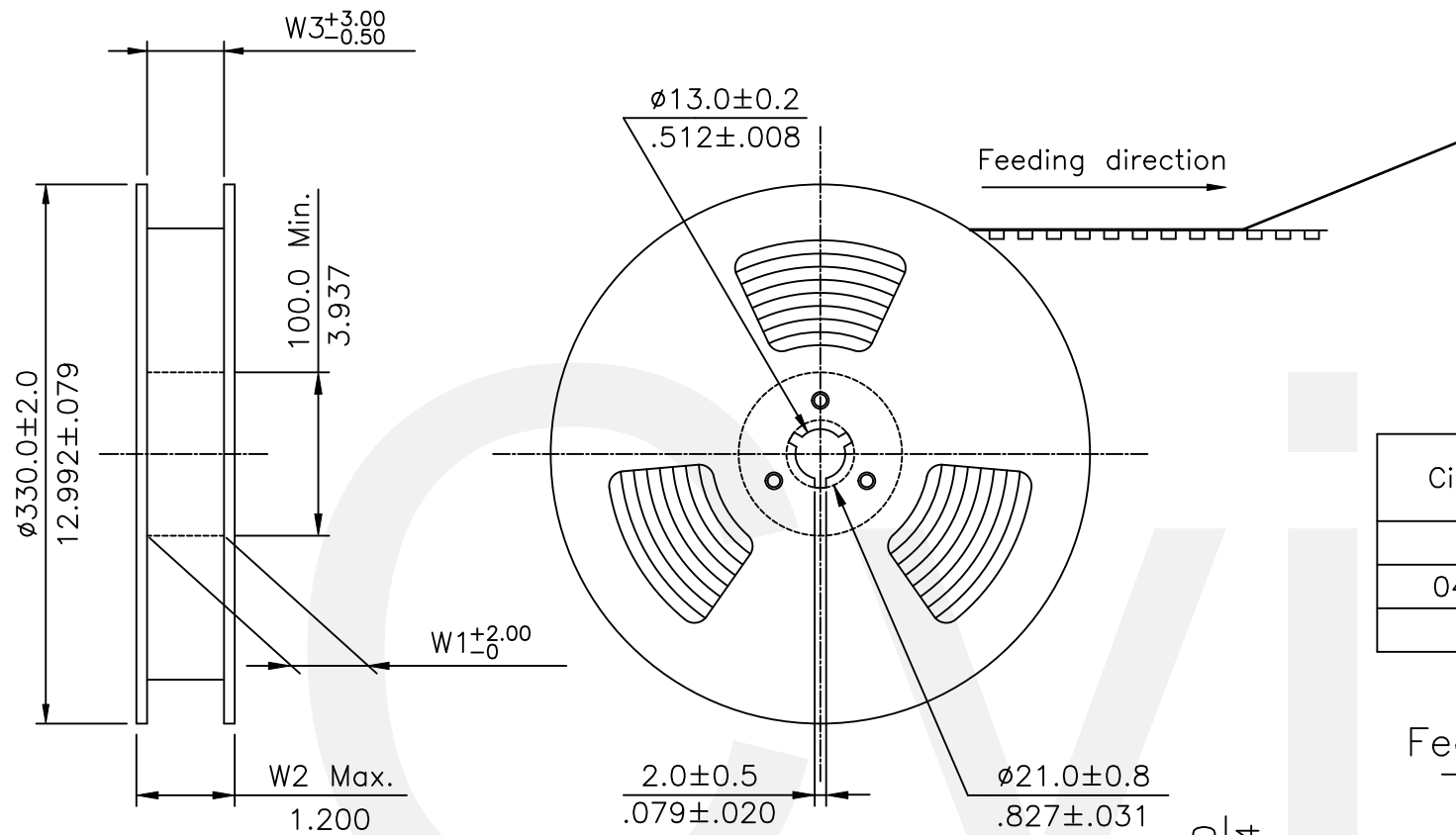
RoHS Compliant

REV	DATE	DESCRIPTION	BY	DATE	UNIT: mm / inch	TITLE: 1.20mm Wire to Board CONNECTOR	 瀚荃股份有限公司 CviLux Corporation
6	Sun 4/21-23'	ECNT123090		DATE	UNIT: mm / inch	TITLE: 1.20mm Wire to Board CONNECTOR	
5	Sun 12/14-21	ECRQ121022/ECNT121308	DRAWN BY: Sun	4/21-23'	TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:	
4	Sun 7/4-19'	ECRQ119004/ECNT119167	ENGINEER: Sun	4/21-23'	.X ± 0.25/.010 X* ± 1*	FINISH:	
3	Sun 1/18-18'	ECNT118015	CHECKED BY: Eisley	4/21-23'	.XX ± 0.15/.006 X* ±	DRAWING NO. CI6304SF PART NO. CI63**M*VR0-NH	
SYM	NAME	DATE	REVISIONS	APPROVED BY: Eisley	4/21-23'	SCALE 6 / 1 SHEET 1 OF 2	

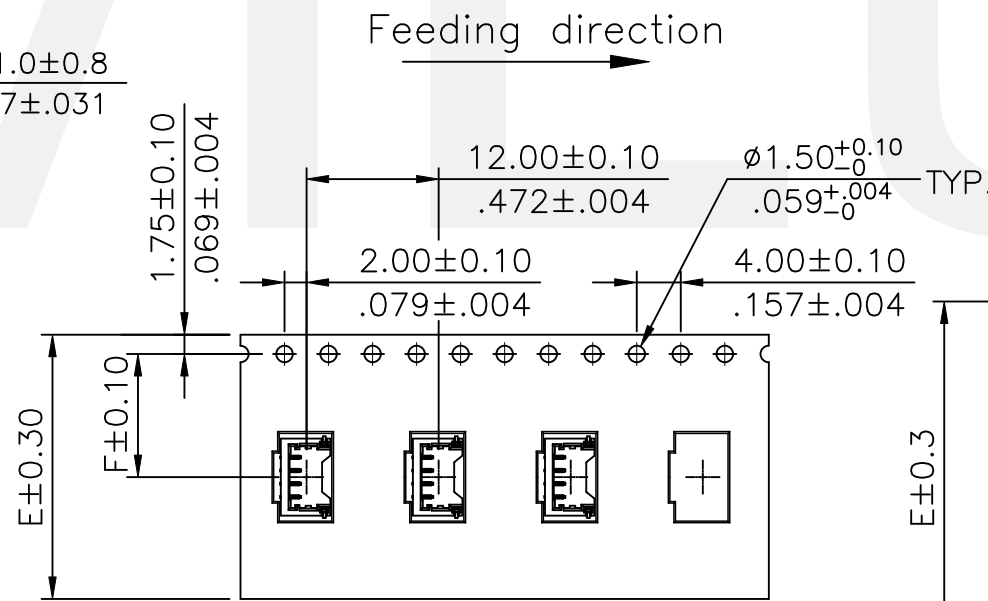
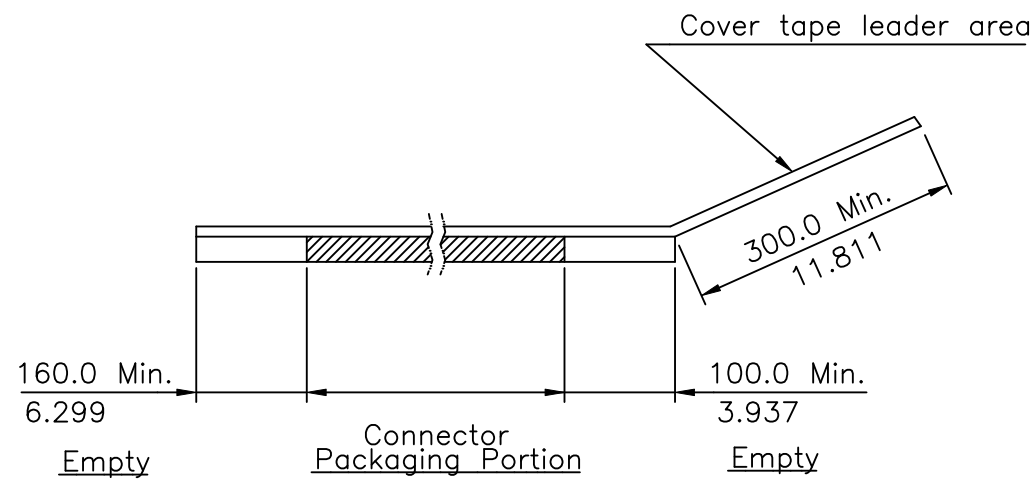


NOTE :

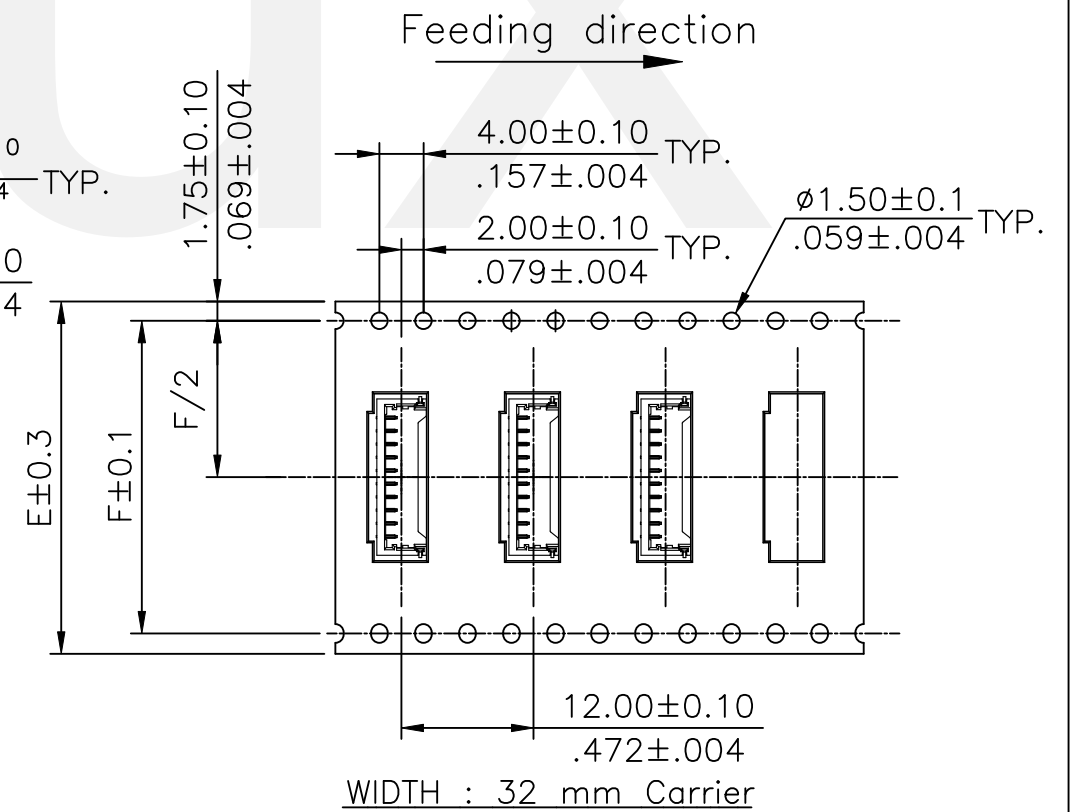
- ⚠ \* Reel Material : HIPS
- \* Carrier Material : Clear, Conductive Polystyrene Alloy
- \* Cover Tape Material : Polyester
- \* Cover Tape Peel Strength : 0.1N – 1.3N
- \* Carrier camber is within 1mm in 100mm
- \* All dimensions meet EIA-481-2 & EIA-481-3 requirements.
- \* Quantity : 2000 PCS/Reel



Circuits	Dimension					Packing (Reel/Cartron)
	E	F	W1	W2	W3	
02	16.0(.630)	7.5(.295)	16.5(.650)	22.5(.886)	16.5(.650)	11
04~08	24.0(.945)	11.5(.453)	24.5(.965)	30.5(1.200)	24.5(.965)	9
10	32.0(1.260)	28.5(1.122)	32.5(1.280)	38.5(1.516)	32.5(1.280)	7




WIDTH : 16,24 mm Carrier



WIDTH : 32 mm Carrier

RoHS Compliant

SYM	NAME	DATE	REVISIONS	APPROVED BY:	DATE	UNIT: mm / inch	TITLE: 1.20mm Wire to Board CONNECTOR	 瀚荃股份有限公司 CviLux Corporation
6	Sun	4/21-23'	ECNT123090		DATE	UNIT: mm / inch	TITLE: 1.20mm Wire to Board CONNECTOR	
5	Sun	12/14-21	ECRQ121022/ECNT121308	DRAWN BY: Sun	4/21-23'	TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:	SCALE SHEET 2 OF 2
4	Sun	7/4-19'	ECRQ119004/ECNT119167	ENGINEER: Sun	4/21-23'	.X ± 0.25/.010 X* ± 1*	FINISH:	
3	Sun	1/18-18'	ECNT118015	CHECKED BY: Eisley	4/21-23'	.XX ± 0.15/.006 X* ±		
				APPROVED BY: Eisley	4/21-23'	.XXX ± 0.08/.003 XX* ±		

CviLux Corp  
 2023/04/25  
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