

Notes:

- * Base:
LCP UL 94V-0, Color Nature
- * Contact :
Phosphor Bronze, With Tin plated
- * Tab :
Brass, With Tin plated
- * For Lead Free IR Reflow Processes

Ordering Code:


CP15 03 M 1 S P A -NH
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No.
- ② No. of Circuits: 3 Pin
- ③ M= SMT Type
- ④ Plating: 1= 3.05um(120u") ~ 4.88um(192u")
Matte Tin over 1.27um(50u") Nickel
- ⑤ Connector Type: S= Receptacle
- ⑥ Options: P= LCP Plastic & Tape & Reel packing
- ⑦ Option: A= Omitted Pin No.2
- ⑧ Other option:
-NH= For Lead Free IR Processes & Halogen-Free

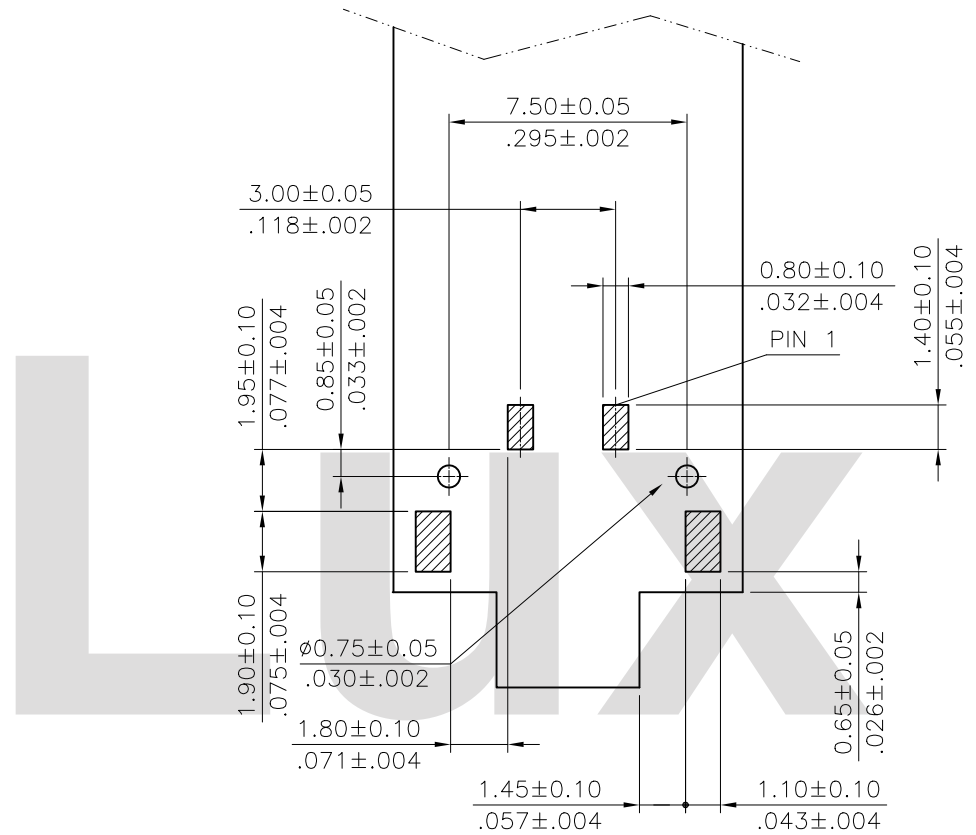
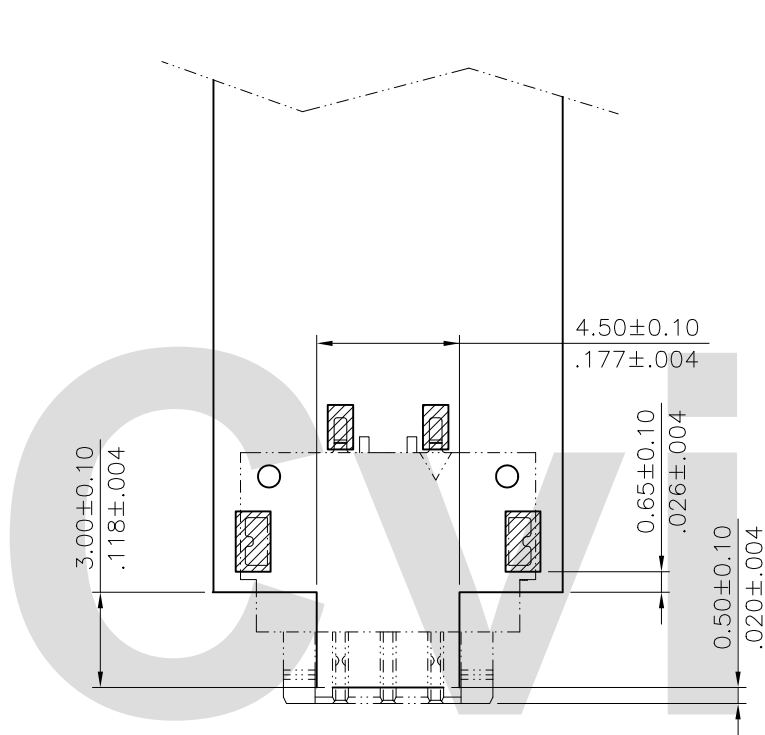
Halogen-Free

Lead Free Process

RoHS compliant


④					DATE	UNIT: mm / inch	TITLE: For CP15 series Receptacle conn.	 瀚荃股份有限公司 CviLux Corporation
③				DRAWN BY: Clark	10/30-13'	TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:	
②				ENGINEER: Clark	10/30-13'	.X ± 0.30/.012 X' ± r'	FINISH:	
①	Clark	10/30-13	ECNT113102	CHECKED BY: Eisley	10/31-13'	.XX ± 0.20/.008 .X' ±		
SYM	NAME	DATE	REVISIONS	APPROVED BY: Eisley	10/31-13'	.XXX ± 0.10/.004 .XX' ±		DRAWING NO. CP1520SA PART NO. CP1503M1SPA-NH SCALE 4 / 1 SHEET 1 OF 4

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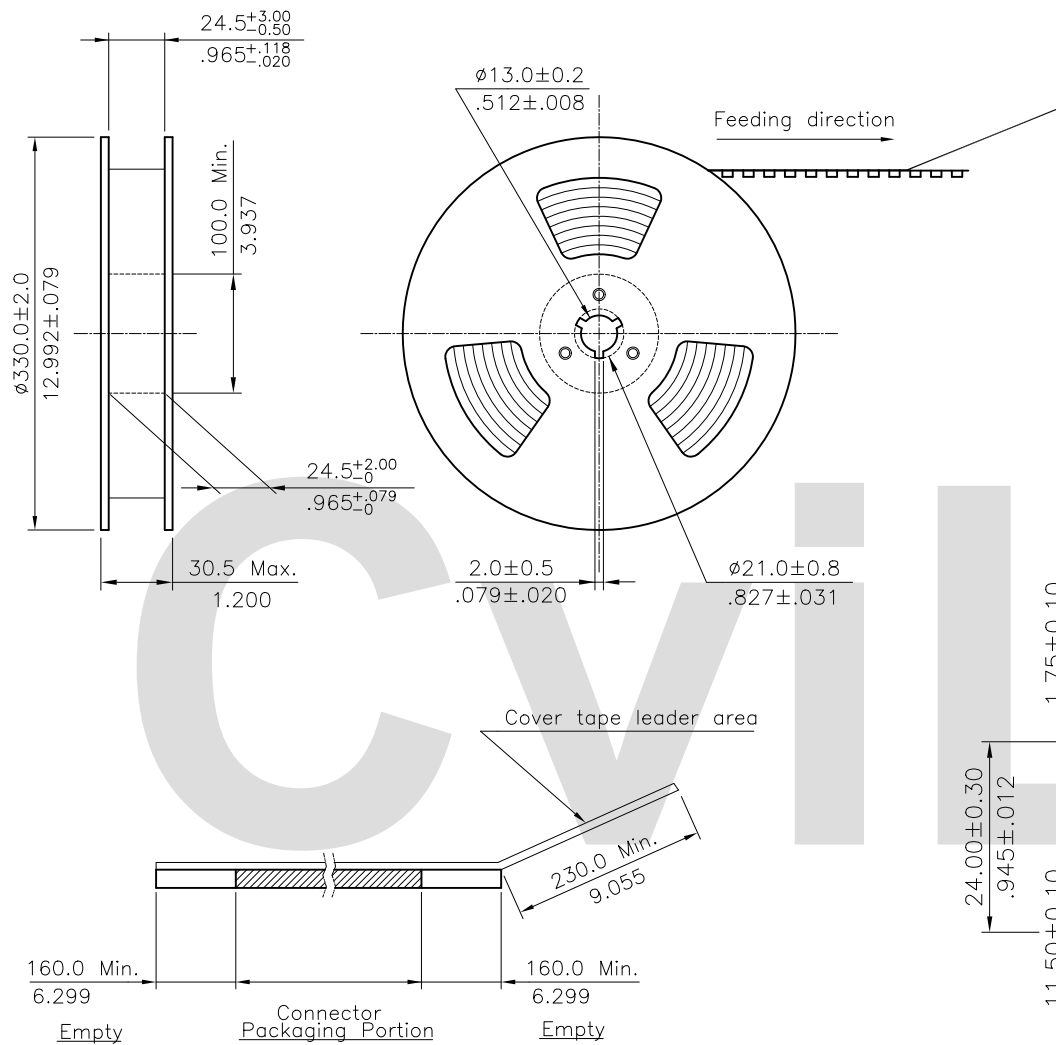


Recommended P.C.B Layout

Halogen-Free Lead Free Process RoHS Compliant

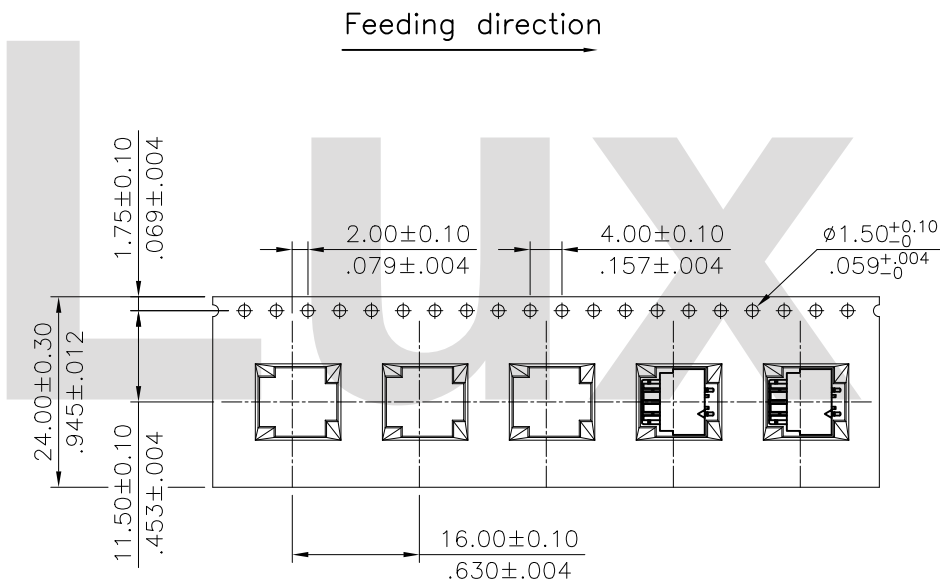
4					DATE	UNIT: mm / inch	TITLE: For CP15 series Receptacle conn.	 瀚荃股份有限公司 CviLux Corporation
3				DRAWN BY: Clark	10/30-13'	TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:	
2				ENGINEER: Clark	10/30-13'	.X ± 0.30/.012 X' ± r	FINISH:	DRAWING NO. CP1520SA PART NO. CP1503M1SPA-NH
1	Clark	10/30-13	ECNT113102	CHECKED BY: Eisley	10/31-13'	.XX ± 0.20/.008 .X' ±		SCALE 4 / 1
SYM	NAME	DATE	REVISIONS	APPROVED BY: Eisley	10/31-13'	.XXX ± 0.10/.004 .XX' ±		


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NOTE :

- * Reel Material : Corrugated Paper
- * Carrier Material : Black, 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 : 1000 PCS/Reel
- * Packing : 9 Reel/Carton



WIDTH : 24 mm Carrier

RoHS Compliant

4					DATE	UNIT: mm / inch	TITLE:	 瀚荃股份有限公司 CviLux Corporation
3				DRAWN BY: Clark	10/30-13'	TOLERANCE UNLESS OTHERWISE SPECIFIED	MATERIAL:	
2				ENGINEER: Clark	10/30-13'	.X ± X' ± 1'	MATERIAL:	
1	Clark	10/30-13	ECNT113102	CHECKED BY: Eisley	10/31-13'	.XX ± X' ±	FINISH:	
SYM	NAME	DATE	REVISIONS	APPROVED BY: Eisley	10/31-13'	.XXX ± XX' ±	SCALE	DRAWING NO. CP1520SA
								PART NO. CP1503M1SPA-NH
								SHEET 3 OF 4


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Mating

Step 1: The male header should be tilted during insertion.

Female Male

Step 2: Push the male header to the end. Make sure the male header is under the rib of female header by finger.

Female Male

Move the male header under the rib of female header.

Step 3: Press down the male header down vertically to finish the connection.

Female Male

Unmating

Step 1: Lift the male header up at 30°~60°.

Female Male

Step 2: Remove male header at an angle to finish the disconnection.

Female Male

Step 3: Finish


Female Male

Please do not separate the connectors horizontally to prevent damaging them.

Female Male

Please do not separate the connectors vertically to prevent damaging them.

Female Male

4					DATE	UNIT: mm / inch	TITLE:	 瀚荃股份有限公司 CviLux Corporation			
3					DRAWN BY: Clark	TOLERANCE UNLESS OTHERWISE SPECIFIED	For CP15 series				
2					ENGINEER: Clark	.X ± 0.30/.012 X: ± r	MATERIAL:	DRAWING NO. CP1520SA	PART NO. CP1503M1SPA-NH		
1	Clark	10/30-13	ECNT113102		CHECKED BY: Eisley	.XX ± 0.20/.008 .X: ±	FINISH:	SCALE	SHEET 4 OF 4		
SYM	NAME	DATE	REVISIONS		APPROVED BY: Eisley	.XXX ± 0.10/.004 .XX: ±					


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