

Material :

- \* Base:  
High Temperature Plastic UL 94V-0  
Color White
- \* Contact :  
Phosphor Bronze, With Tin plated
- \* Tab :  
Brass, With Tin plated

Ordering Code:

CP15 03 M 1 S R 1 -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 Packing Options: R= Tape & Reel packing
- ⑦ Option: 1= Omitted Pin No.2
- ⑧ Other option:  
-NH= For Lead Free IR Processes  
and Halogen-Free

Halogen-Free

Lead Free Process

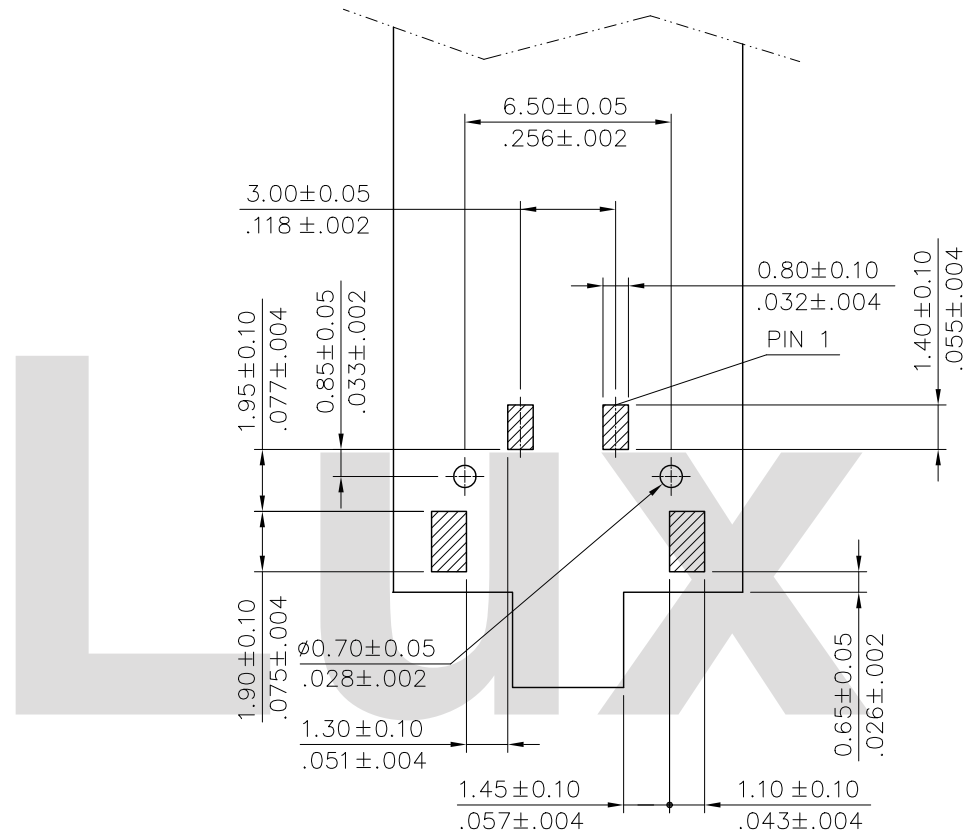
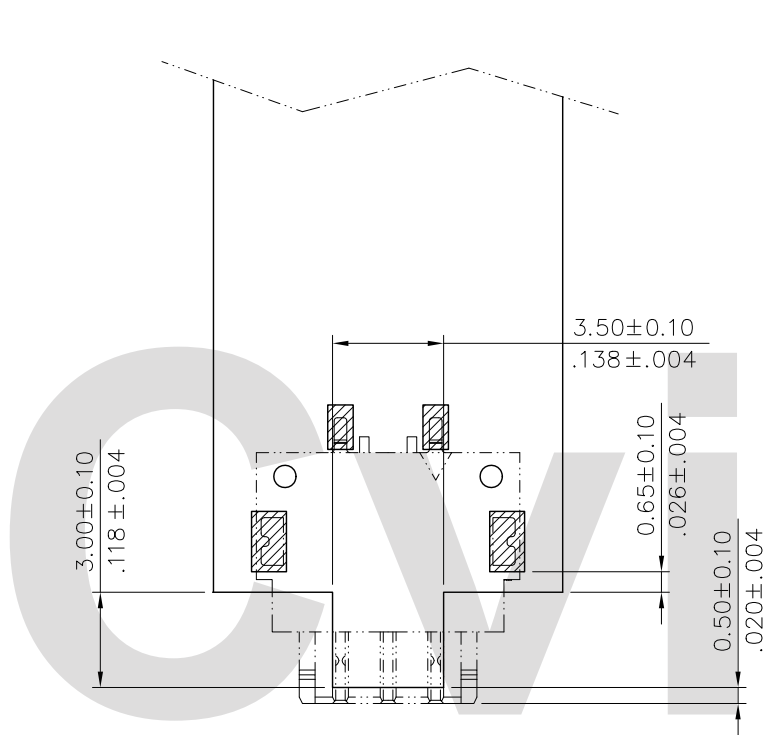
RoHS compliant

4					DATE	UNIT: mm / inch	TITLE: For CP15 series Receptacle conn.
3				DRAWN BY: Clark	9/03-12'	TOLERANCE UNLESS OTHERWISE SPECIFIED	
2				ENGINEER: Easley	9/04-12'	.X ± 0.30/.012 X' ± r'	
1	Clark	08/08-12	ECN12186-0	CHECKED BY: Easley	9/04-12'	.XX ± 0.20/.008 .X' ±	
SYM	NAME	DATE	REVISIONS	APPROVED BY: David	9/04-12'	.XXX ± 0.10/.004 .XX' ±	FINISH:



瀚荃股份有限公司  
CviLux Corporation

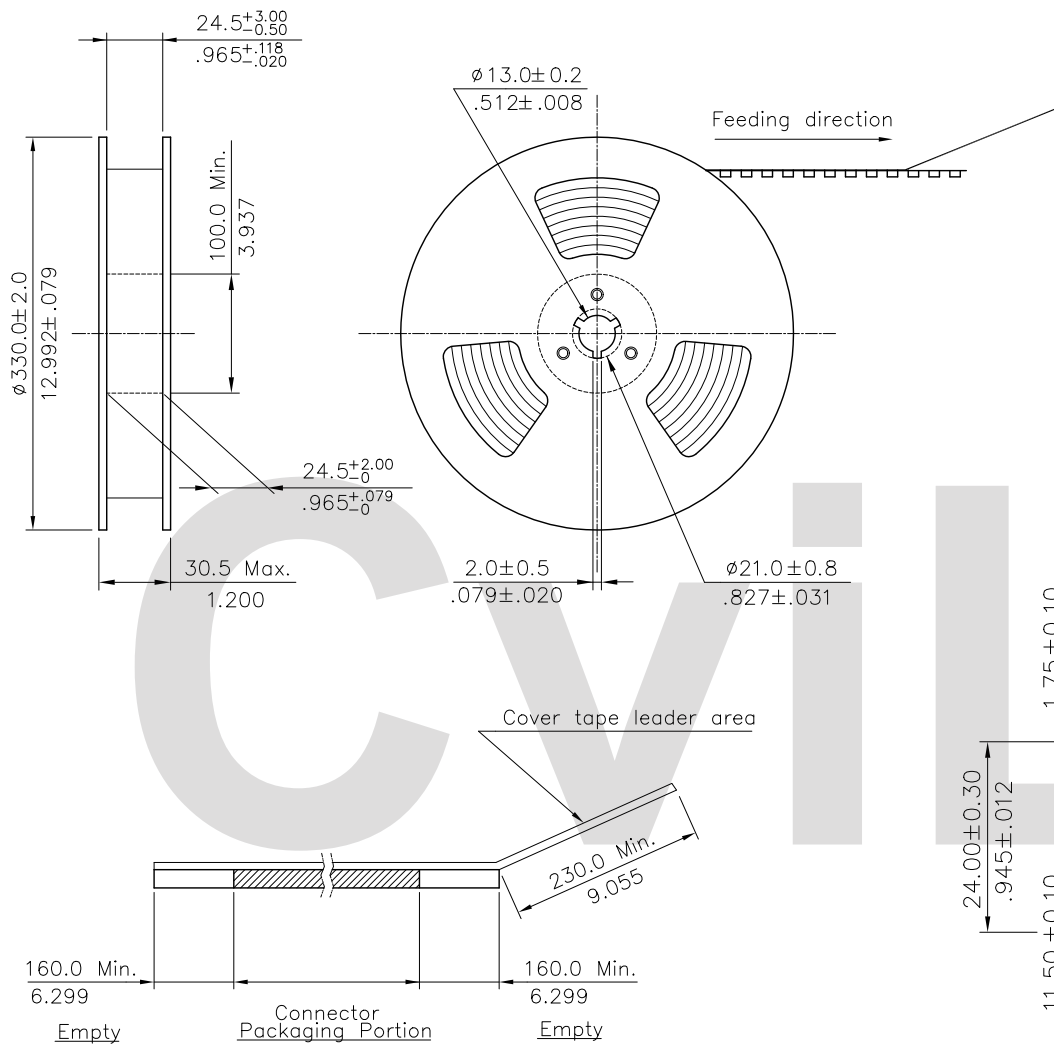
DRAWING NO.	CP1504SA	PART NO.	CP1503M1SR1-NH
SCALE	4 / 1	SHEET	1 OF 4



Recommended P.C.B Layout

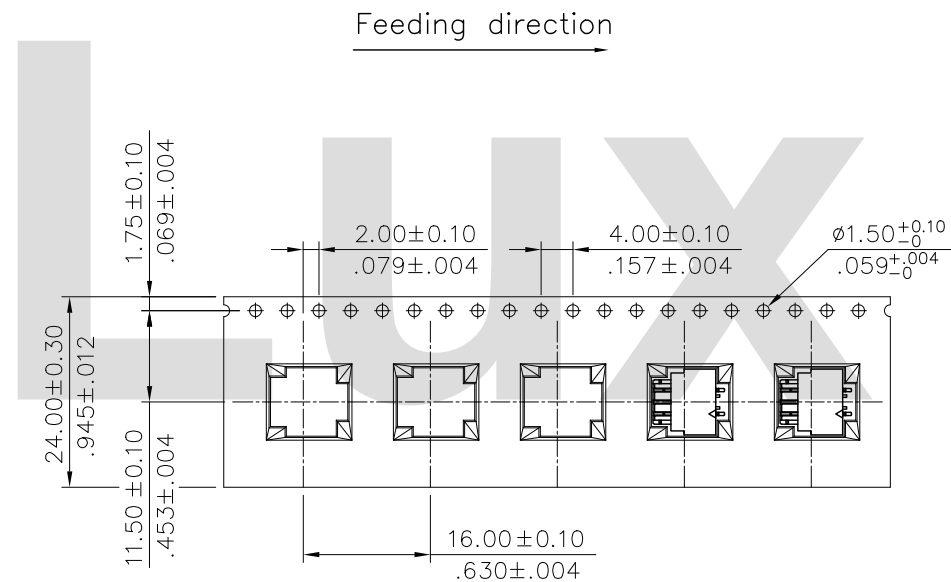
Halogen-Free    Lead Free Process    RoHS compliant

4				DRAWN BY: Clark ENGINEER: Eisley CHECKED BY: Eisley APPROVED BY: David		DATE	UNIT: mm / inch	TITLE: For CP15 series Receptacle conn.  MATERIAL:  FINISH:								
						9/03-12'	TOLERANCE UNLESS OTHERWISE SPECIFIED						DRAWING NO. CP1504SA	PART NO. CP1503M1SR1-NH		
						9/04-12'	.X ± 0.30/.012    X' ± r								SCALE 4 / 1	SHEET 2 OF 4
						9/04-12'	.XX ± 0.20/.008    .X' ±									
1	Clark	08/08-12	ECN12186-0	9/04-12'	.XXX ± 0.10/.004    .XX' ±											



NOTE :

- \* Reel Material : Corrugated Paper
- \* 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 : 1100 PCS/Reel
- \* Packing : 9 Reel/Carton



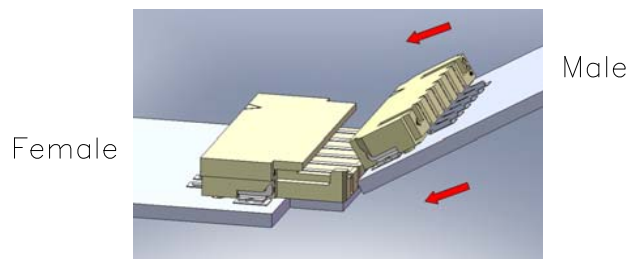
WIDTH : 24 mm Carrier

RoHS Compliant

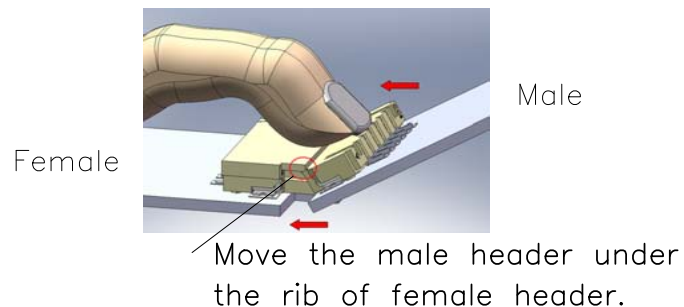
4						DATE	UNIT: mm / inch	TITLE:	 瀚荃股份有限公司 CviLux Corporation					
3			DRAWN BY:		Clark	9/03-12'	TOLERANCE UNLESS OTHERWISE SPECIFIED			MATERIAL:				
2			ENGINEER:		Eisley	9/04-12'	.X ±	.X' ±			FINISH:			
1	Clark	08/08-12	ECN12186-0		CHECKED BY:	Eisley	9/04-12'	.XX ±		.X' ±		DRAWING NO.	CP1504SA	PART NO.
SYM	NAME	DATE	REVISIONS		APPROVED BY:	David	9/04-12'	.XXX ±		.X' ±	SCALE		SHEET	3 OF 4

Mating

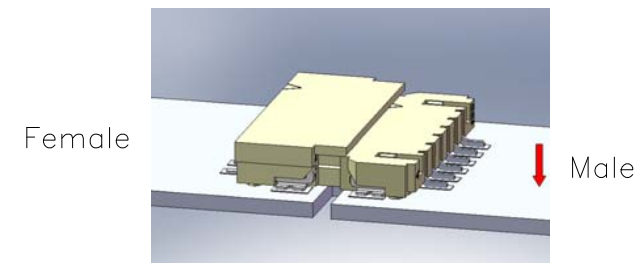
Step 1: The male header should be tilted during insertion.



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

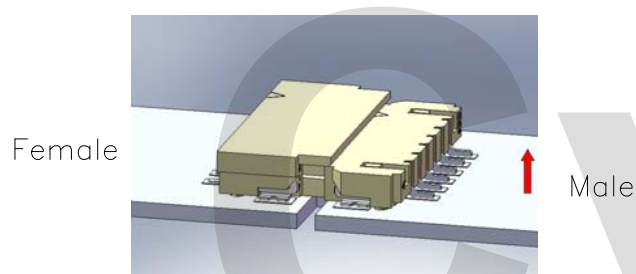


Step 3: Press down the male header down vertically to finish the connection.

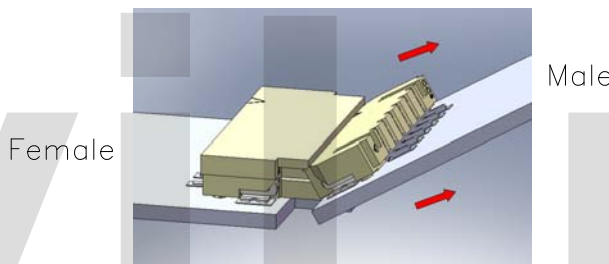


Unmating

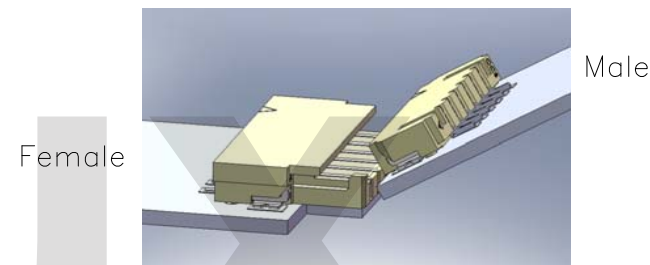
Step 1: Lift the male header up at 30°~60°.



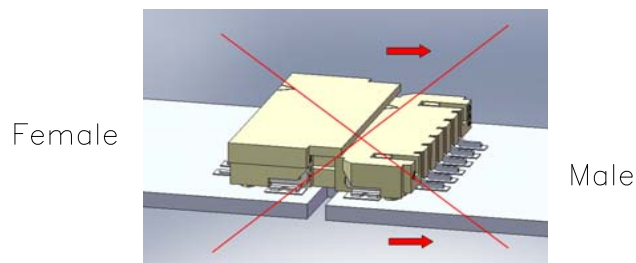
Step 2: Remove male header at an angle to finish the disconnection.



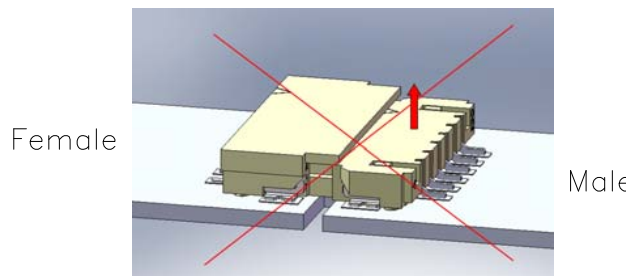
Step 3: Finish




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



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



4					DATE	UNIT: mm / inch	TITLE:	 瀚荃股份有限公司 CviLux Corporation			
3					DRAWN BY: Clark	9/03-12'	For CP15 series				
2					ENGINEER: Eisley	9/04-12'	MATERIAL:	DRAWING NO. CP1504SA	PART NO. CP1503M1SR1-NH	SHEET 4 OF 4	
1	Clark	08/08-12	ECN12186-0		CHECKED BY: Eisley	9/04-12'	FINISH:	SCALE			
SYM	NAME	DATE	REVISIONS		APPROVED BY: David	9/04-12'					



TOLERANCE UNLESS OTHERWISE SPECIFIED	
.X ± 0.30/.012	X.* ± r
.XX ± 0.20/.008	.X* ±
.XXX ± 0.10/.004	.XX* ±