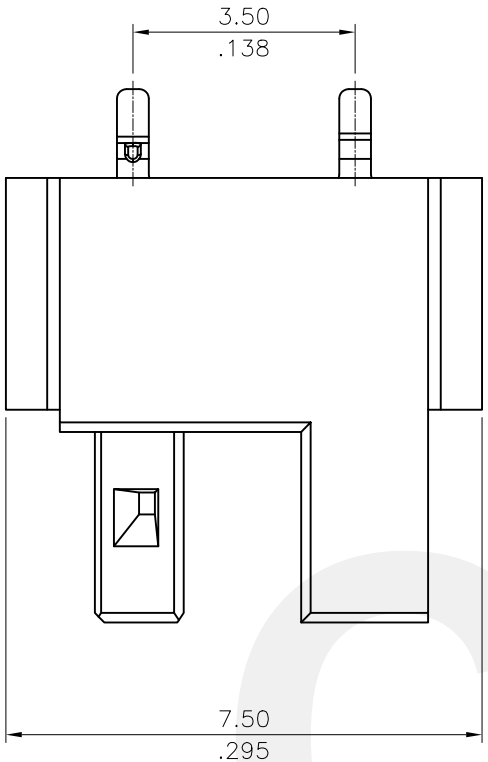
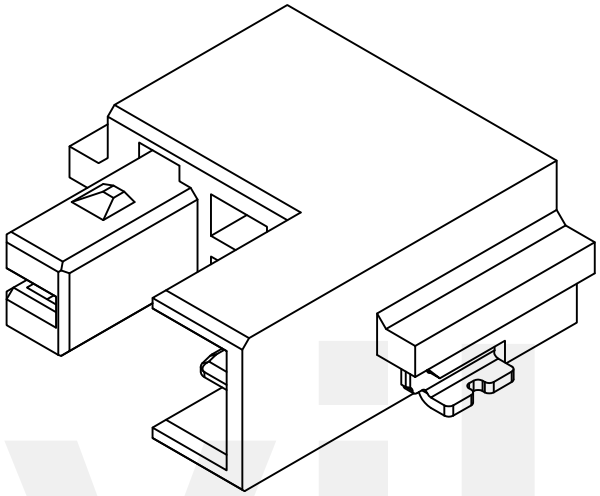
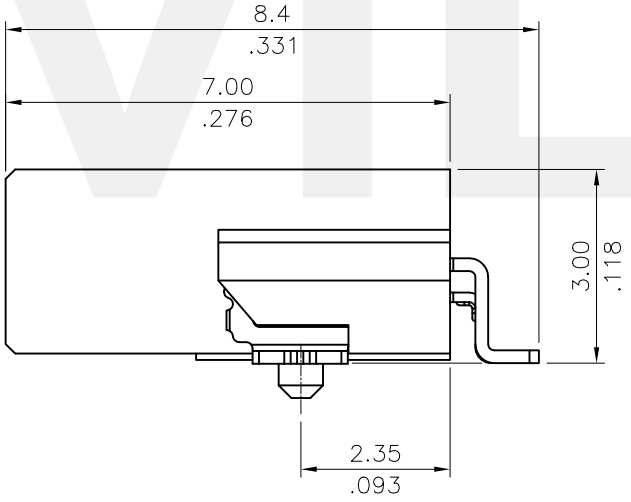


Material :

* Base: High Temperature Plastic
  UL 94V-0, Color Nature (Halogen-Free)
* Contact : Phosphor Bronze, With Tin plated
* Tab : Brass, With Tin plated

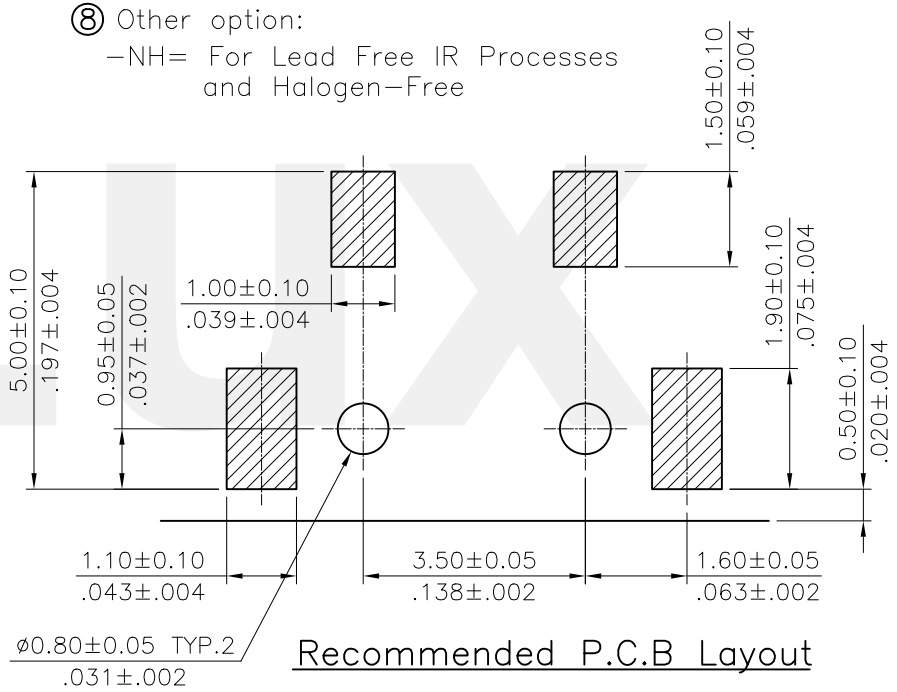




Ordering Code:

CIL1	02	M	1	H	R	0	-NH
①	②	③	④	⑤	⑥	⑦	⑧

① Series No.
② No. of Circuits: 2 Pin
③ M= SMT Type
④ Plating: 1= 3.05μm(120μ") ~ 4.88μm(192μ")
Matte Tin over 1.27μm(50μ") Nickel
⑤ Type: H= Side Entry
⑥ Packing Options: R= Tape & Reel packing
⑦ Option: 0= Standard
⑧ Other option:
-NH= For Lead Free IR Processes and Halogen-Free



Recommended P.C.B Layout

Halogen-Free | Lead Free Process | RoHS Compliant

SYM	NAME	DATE	REVISIONS
4			
3			
2			
1	Clark	04/08-14	ECNT114061

CVILUX CORP
2014.04.18
ISSUED

		DATE
DRAWN BY:	Clark	4/08-14'
ENGINEER:	Clark	4/08-14'
CHECKED BY:	Eisley	4/11-14'
APPROVED BY:	David	4/11-14'

UNIT: mm / inch

TOLERANCE UNLESS OTHERWISE SPECIFIED

.X ± 0.30/.012	X.° ± 1°
.XX ± 0.20/.008	.X° ±
.XXX ± 0.10/.004	.XX° ±

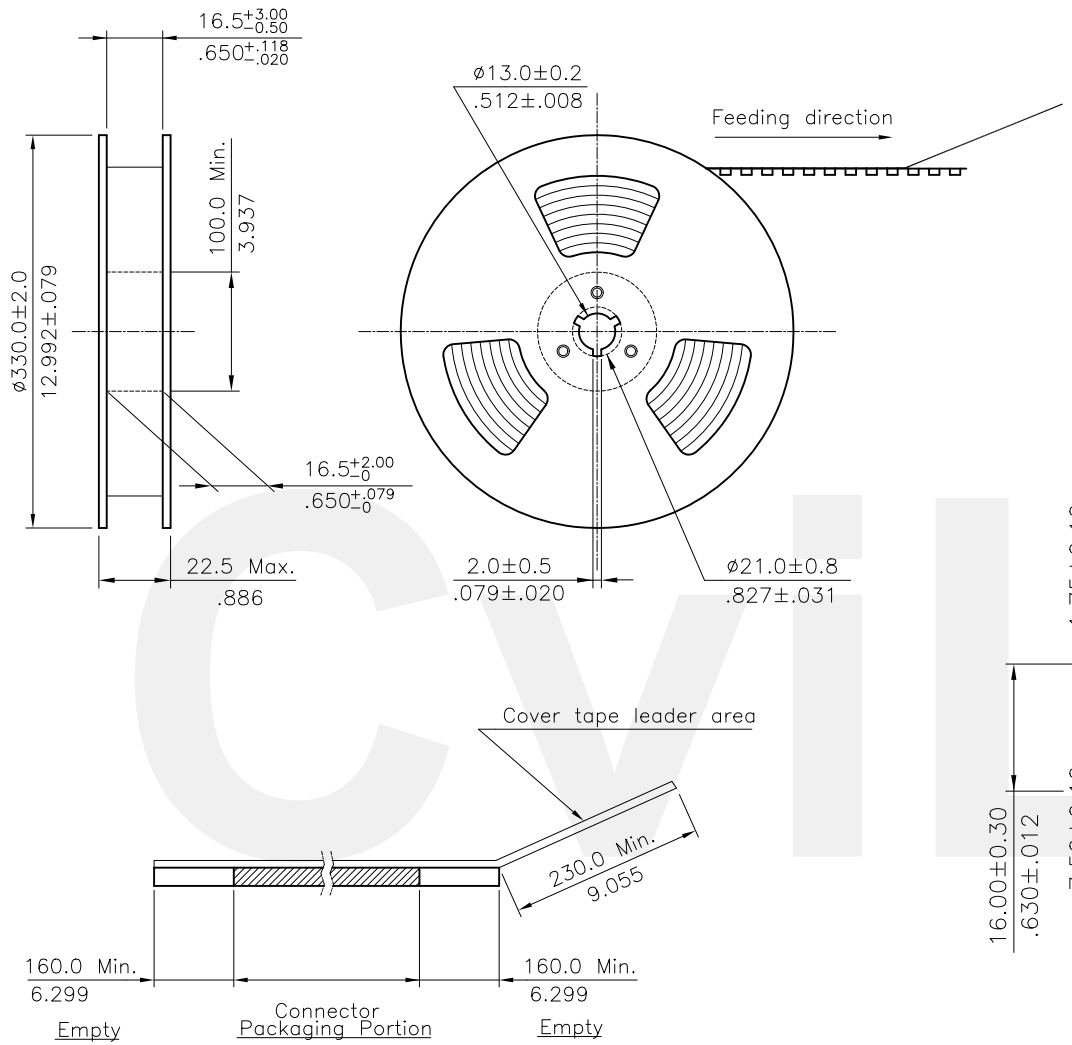
TITLE:

MATERIAL:

FINISH:

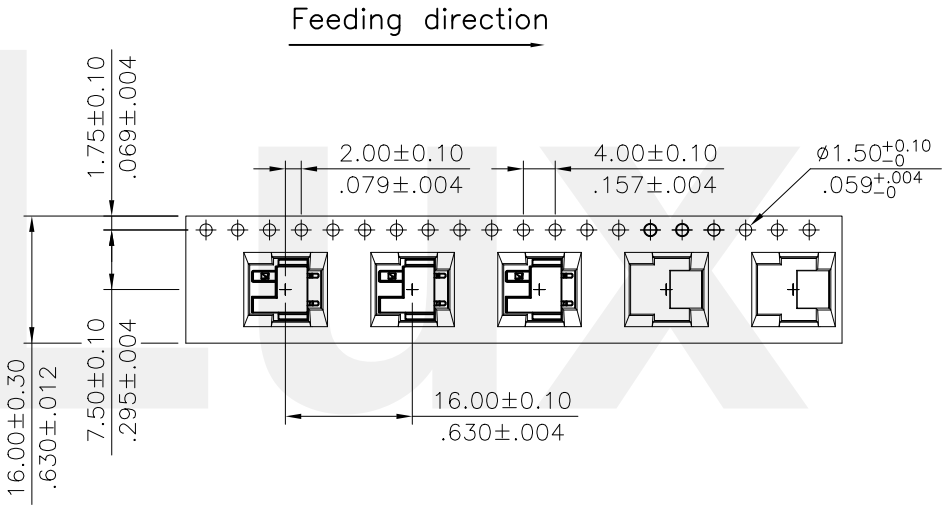
瀚荃股份有限公司
CviLux Corporation

DRAWING NO.	CIL101SA	PART NO.	CIL102M1HR0-NH
SCALE	8 / 1	SHEET	1 OF 4



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 : 1000 PCS/Reel
* Packing : 11 Reel/Carton



WIDTH : 16 mm Carrier

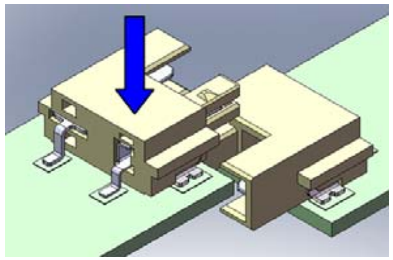
RoHS Compliant

4			CVILUX CORP			DATE	UNIT: mm / inch	TITLE:	瀚荃股份有限公司 CviLux Corporation	
3			2014.04.18	DRAWN BY:	Clark	4/08-14'	TOLERANCE UNLESS OTHERWISE SPECIFIED			
2			ISSUED	ENGINEER:	Clark	4/08-14'	.X ± / X.° ± 1°	MATERIAL:		
1	Clark	04/08-14	ECNT114061	CHECKED BY:	Eisley	4/11-14'	.XX ± / .X° ±	FINISH:	DRAWING NO. CIL101SA	PART NO. CIL102M1HR0-NH
SYM	NAME	DATE	REVISIONS	APPROVED BY:	David	4/11-14'	.XXX ± / .XX° ±		SCALE	SHEET 2 OF 4

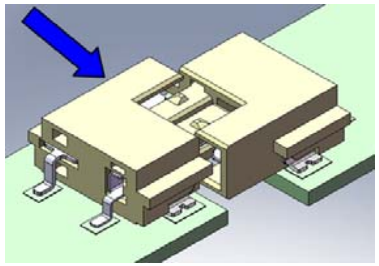
Mating Opting 1

Mating

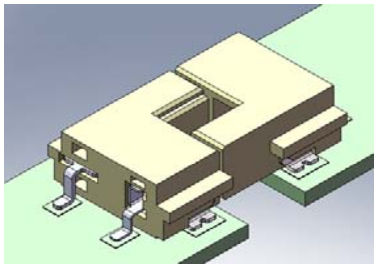
Step 1: Put the moving side vertically above the still side. Then, move it downward.



Step 2: Push the moving side horizontally into the still side.

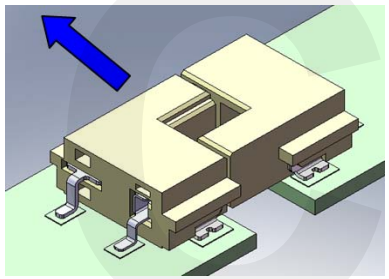


Step 3: Done

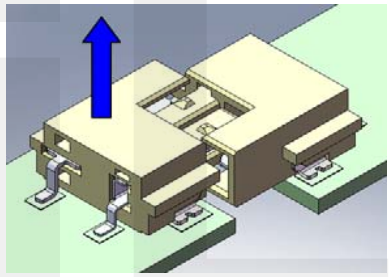


Unmating

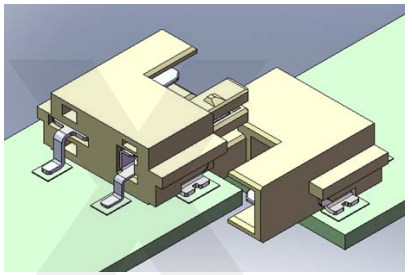
Step 1: Push out the moving side horizontally from the still side.



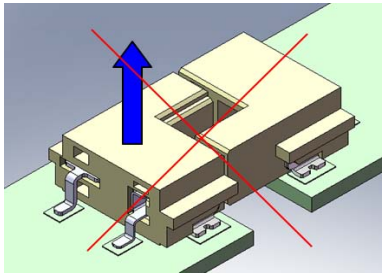
Step 2: Rise the moving side vertically after it separated from the still side.



Step 3: Done



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



SYM	NAME	DATE	REVISIONS
4			
3			
2			
1	Clark	04/08-14	ECNT114061

CVILUX CORP 2014.04.18 ISSUED

		DATE
DRAWN BY:	Clark	4/08-14'
ENGINEER:	Clark	4/08-14'
CHECKED BY:	Eisley	4/11-14'
APPROVED BY:	David	4/11-14'

UNIT: mm / inch

TOLERANCE UNLESS OTHERWISE SPECIFIED

.X ± 0.30/.012	X.° ± 1°
.XX ± 0.20/.008	.X° ±
.XXX ± 0.10/.004	.XX° ±

TITLE: For CIL1 series

MATERIAL:

FINISH:

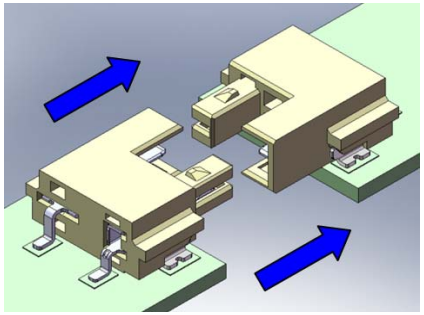
瀚荃股份有限公司
CviLux Corporation

DRAWING NO.	CIL101SA	PART NO.	CIL102M1HR0-NH
SCALE		SHEET 3 OF 4	

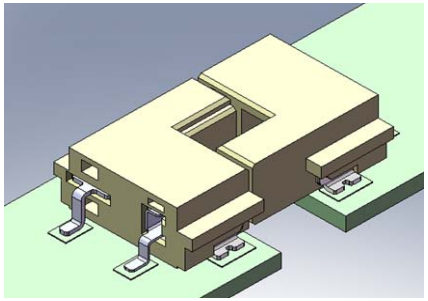
Mating Opting 2

Mating

Step 1: Push in the moving side into the still side horizontally. the still side.

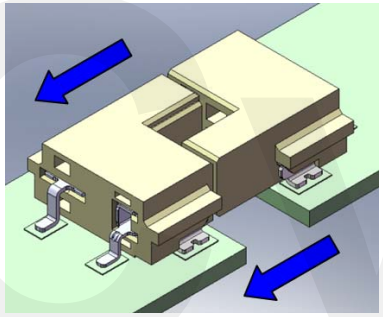


Step 2: Done

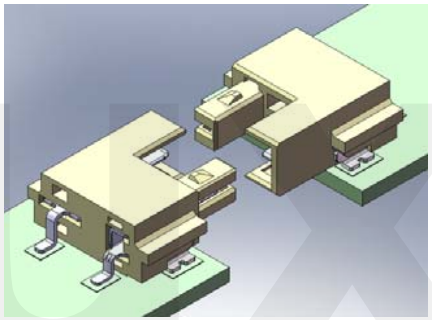


Unmating

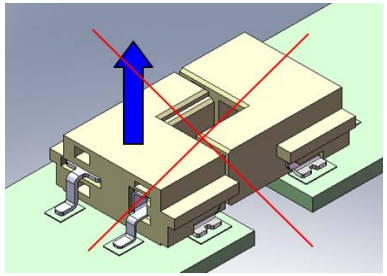
Step 1: Push out the moving side horizontally from the still side.



Step 2: Done



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



SYM	NAME	DATE	REVISIONS
4			
3			
2			
1	Clark	04/08-14	ECNT114061

CVILUX CORP 2014.04.18 ISSUED

		DATE
DRAWN BY:	Clark	4/08-14'
ENGINEER:	Clark	4/08-14'
CHECKED BY:	Eisley	4/11-14'
APPROVED BY:	David	4/11-14'

UNIT: mm / inch

TOLERANCE UNLESS OTHERWISE SPECIFIED

.X ± 0.30/.012	X.° ± 1°
.XX ± 0.20/.008	.X° ±
.XXX ± 0.10/.004	.XX° ±

TITLE: For CIL1 series

MATERIAL:

FINISH:

瀚荃股份有限公司
CviLux Corporation

DRAWING NO.	CIL101SA	PART NO.	CIL102M1HR0-NH
SCALE		SHEET 4 OF 4	