

Established

Taiwan , year 1990

Main Business

CviLux Brand & ODM/OEM Business

Key Products

Connector, FFC, Wire Harness, Cable Assemblies, PCBA, Electronic Components, 3C Product ... etc.

Competitive Advantage

- (1) Listed Company in Taiwan Stock Market (TWSE8103)
- (2) Worldwide Sales Network
- (3) Advance ERP & Customer Service
- (4) Integrated Marketing Service System
- (5) Turnkey Green Product Solution
- (6) International Standard of QC & Certificates

Factory & Office Location

- Taiwan – Tamsui Plant – Headquarters (CCT)
- China – Dongguan Plant – 1 (CED)
- Dongguan Plant – 2 (DQH)
- Dongguan Plant – 3 (CED2)
- Suzhou Plant (HBC)
- Chongqing Plant (CQC)
- Anhui Plant (AHC)
- Shenzhen Office (CTS)
- Lao – Lao Plant (LAO)
- USA – USA Office (CUC)

Sales Agent

- Allsor Technology Corporation (Taiwan)
- Allsor (Dongguan) Technology Corporation (China)

Quality Policy

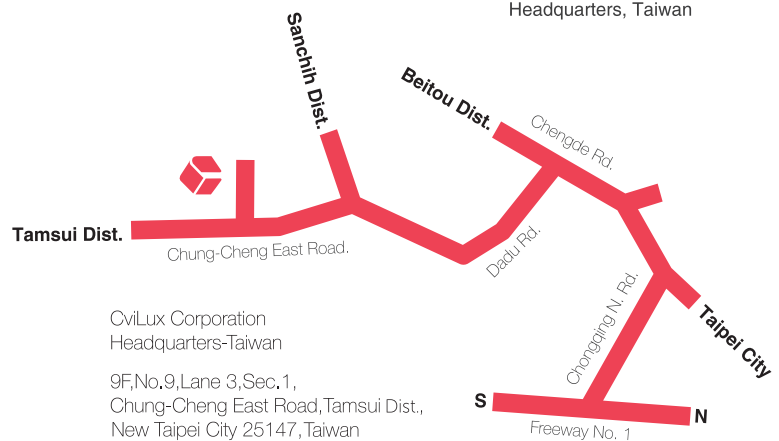
Improve Our Product Quality & Operation System
To Satisfy Our Customer's Demand

I.P.O.

TWSE8103 (Taiwan Stock Exchange Corp.)



CviLux Corporation Headquarters, Taiwan



CviLux Electronics (Dongguan) Co., Ltd.



CviLux Technology (Shenzhen) Corporation

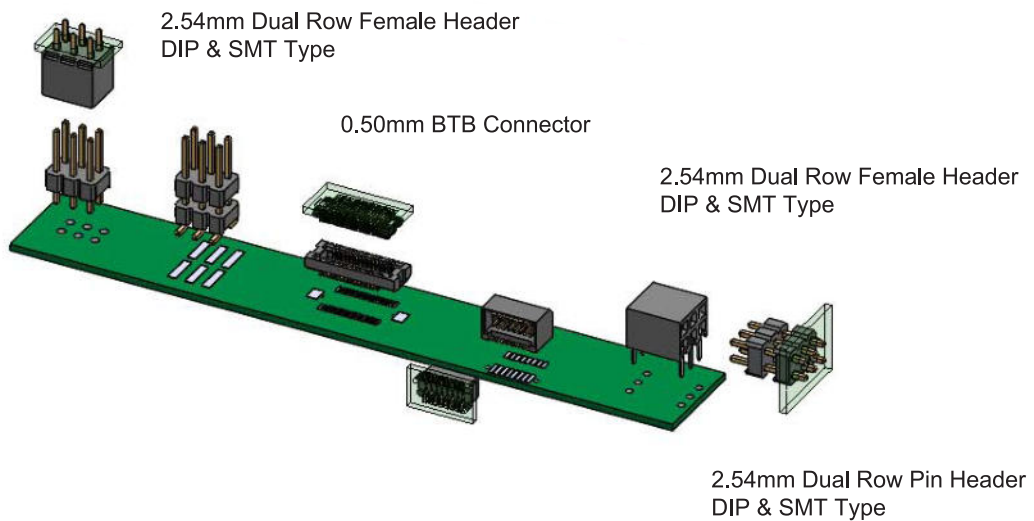
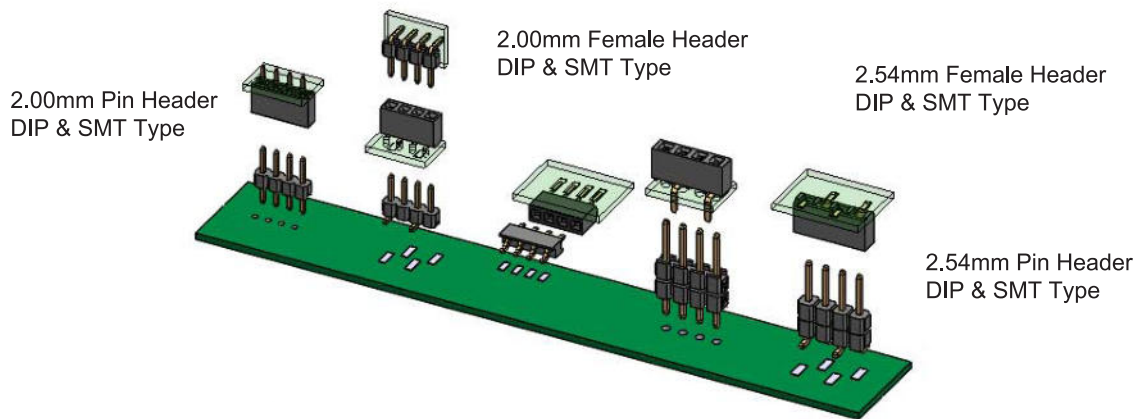


CviLux Technology (Chongqing) Corporation



Dongguan Qunhan Electronics Co., Ltd.

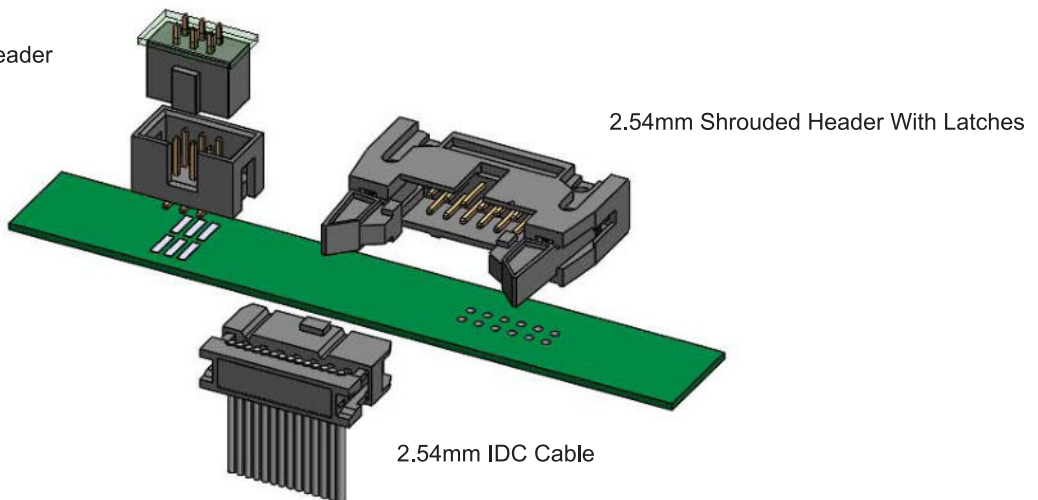
Connection Combination of Board to Board Connectors



2.54mm Dual Row Pin Header
DIP & SMT Type

2.00mm Female Header
DIP & SMT Type

2.00mm BOX Header



CB

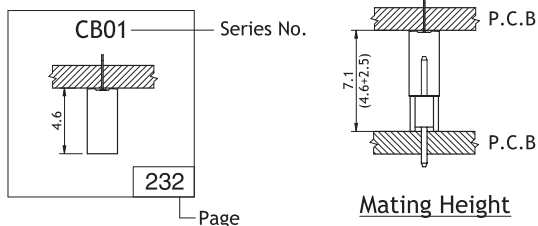
BOARD TO BOARD CONNECTORS

System CB Board To Board Connectors Selection Index

⊙ Mating height of pitch 0.5mm and 0.8mm connectors shown as below table;

⊙ Mating height of pitch 1.27mm connectors or above, please refer to below table and add the height of male and female insulator body.

⊙ Example (For Pitch 1.27mm or above)



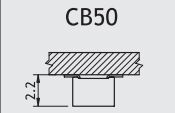
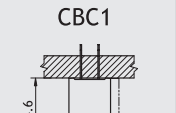
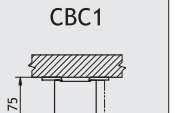
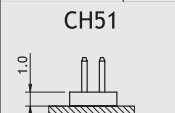
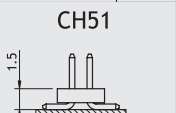
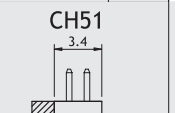
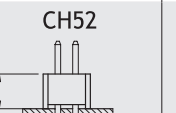
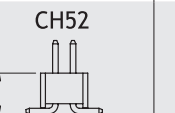
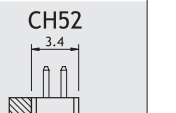
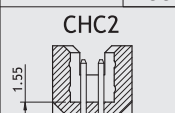
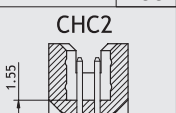
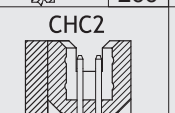
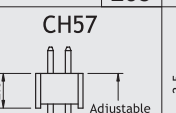
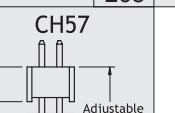
⊙ Configuration

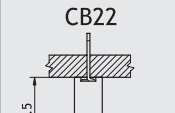
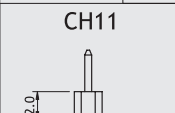
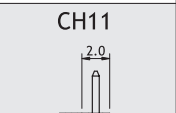
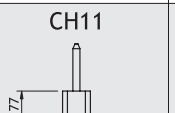
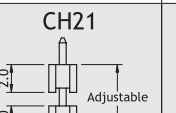
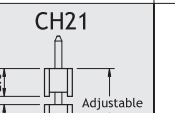
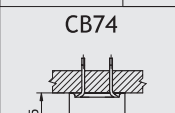
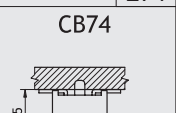
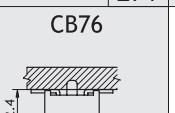
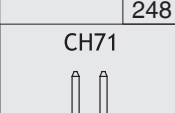
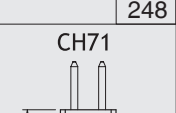
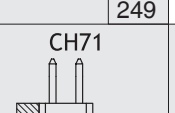
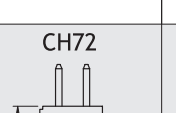
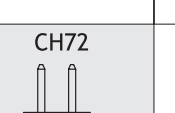
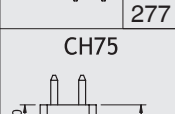
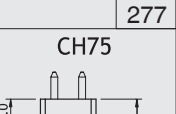
0.50mm Center spacing						
Dual Rows Board to Board	CBRC 235	CBRC 235				
	CBRB 233	CBRB 233	CBRB 233	CBRB 233	CBRB 233	CBRB 233
	CBRD 239	CBRD 239	CBRD 239	CBRE 237	CBRE 237	

0.80mm Center spacing	1.0mm Center spacing					
Dual Rows Board to Board	CBC3 & CHC3 241&260		Single Row Female Header	CB03 242	CH16 261	CH07 261

1.27mm Center spacing						
Single Row Female Header	CB01 243	CB01 243				
Single Row Header	CH01 262	CH01 262	CH02 263	CH02 263	CH03 264	CH03 264

System CB Board To Board Connectors Selection Index

1.27mm Center spacing						
Dual Rows Female Header	 CB50 244	 CBC1 245	 CBC1 245			
Dual Rows Header	 CH51 266	 CH51 266	 CH51 266	 CH52 268	 CH52 268	 CH52 268
	 CHC2 271	 CHC2 271	 CHC2 271	 CH57 270	 CH57 270	

2.0mm Center spacing						
Single Row Female Header	 CB22 247					
Single Row Header	 CH11 274	 CH11 274	 CH11 274	 CH21 276	 CH21 276	
Dual Rows Female Header	 CB74 248	 CB74 248	 CB76 249			
Dual Rows Header	 CH71 277	 CH71 277	 CH71 277	 CH72 279	 CH72 279	
	 CH75 281	 CH75 281				

CB

BOARD TO BOARD CONNECTORS

System CB Board To Board Connectors Selection Index

2.54mm Center spacing					
Single Row Female Header	<p>CB33 5.0 250</p>	<p>CB37 6.8 250</p>	<p>CB39 8.6 251</p>	<p>CB39 2.5 251</p>	
Single Row Header	<p>CH31 2.54 283</p>	<p>CH31 2.54 283</p>	<p>CH31 3.81 283</p>	<p>CH34 2.54 Adjustable 2.54 282</p>	<p>CH34 2.54 Adjustable 3.81 282</p>
Dual Rows Female Header	<p>CB83 5.0 253</p>	<p>CB85 5.5 253</p>	<p>CB96 11.05 Adjustable 254</p>	<p>CB91 8.6 255</p>	<p>CB91 5.0 255</p>
	<p>CB94 7.1 256</p>	<p>CB94 8.4 256</p>	<p>CB97 5.85 257</p>	<p>CB41 5.25 252</p>	<p>CB86 17.4 258</p>
Dual Rows Header	<p>CH81 2.54 284</p>	<p>CH81 5.0 284</p>	<p>CH81 3.81 284</p>	<p>CH87 9.1 287</p>	<p>CH87 9.1 287</p>
	<p>CH85 2.54 Adjustable 2.54 286</p>	<p>CH85 2.54 Adjustable 3.81 286</p>			

CB

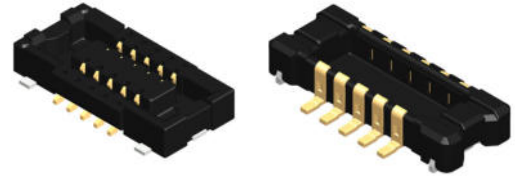
BOARD TO BOARD CONNECTORS

CBRH Series 0.4mm(.016") Board to Board Connectors

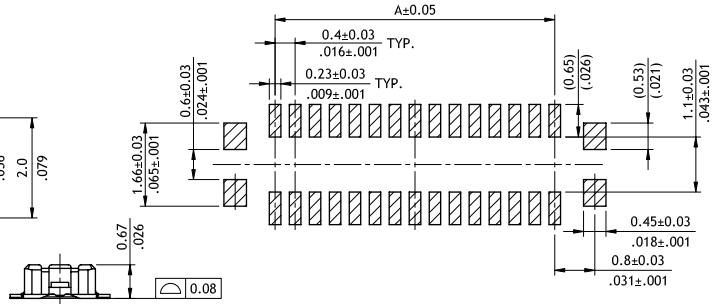
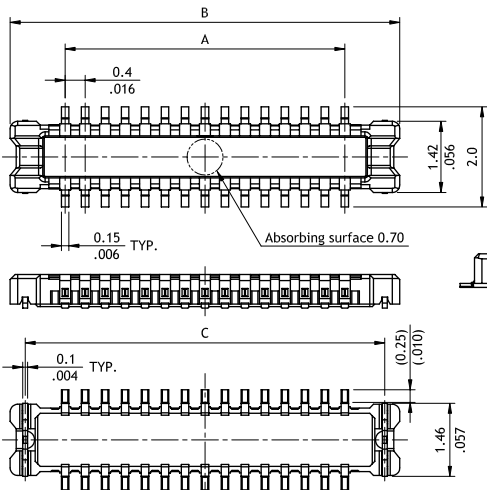
- ⊙ Mating Height 0.8 mm
- ⊙ Insulator : High temperature plastic UL 94V-0 , Color Black



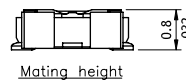
RoHS Compliant



P/N: CBRH***POWF00R0-NH

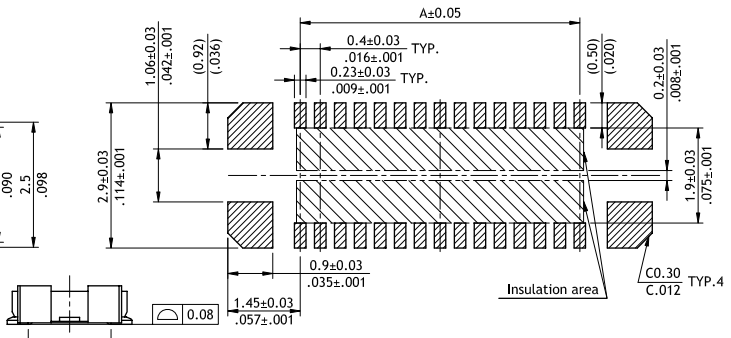
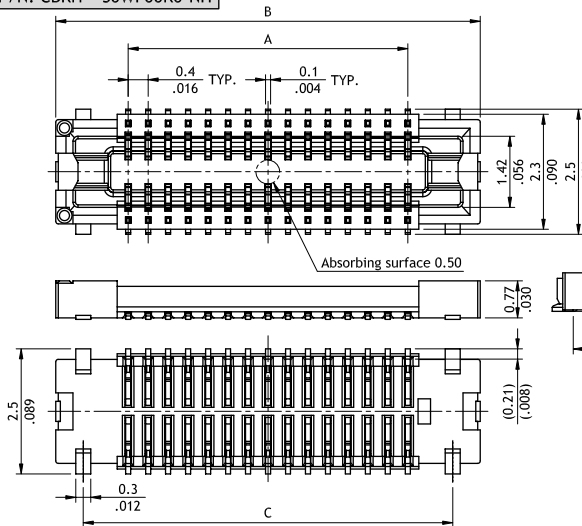


Recommended P.C. Board Layout

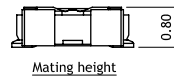


A = 0.4 x No. of Spaces
 B = A + 2.2
 C = A + 1.6

P/N: CBRH***SOWF00R0-NH



Recommended P.C. Board Layout



A = 0.4 x No. of Spaces
 B = A + 2.9
 C = A + 1.8

Ordering Code

① CBRH ② 10 ③ P0 ④ W ⑤ F00 ⑥ R0 - ⑦ NH

- ① Series No.
- ② No. of Circuits: 10 , 24 , 30 , 40
- ③ P0= Plug
- ④ Plating Code: W = Selective 4μ"Gold flash over Nickel
- ⑤ Fixed Tab Option: F00 = With Fixed Tabs
- ⑥ Packing Options : R0 = Tape & Reel
- ⑦ NH = For Lead Free IR process and Halogen-Free

① CBRH ② 10 ③ S0 ④ W ⑤ F00 ⑥ R0 - ⑦ NH

- ① Series No.
- ② No. of Circuits: 10 , 24 , 30 , 40
- ③ S0= Receptacle
- ④ Plating Code: W = Selective 4μ" Gold flash over Nickel
- ⑤ Fixed Tab Option: F00 = With Fixed Tabs
- ⑥ Packing Options : R0 = Tape & Reel
- ⑦ NH = For Lead Free IR process and Halogen-Free

CB

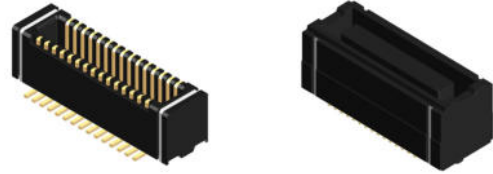
BOARD TO BOARD CONNECTORS

CBRQ Series 0.4mm(.016") Board to Board Connectors

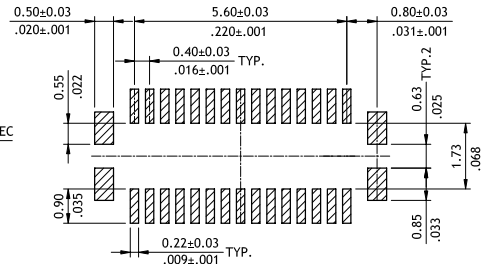
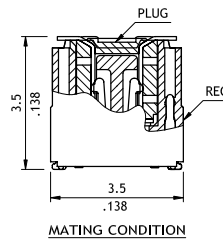
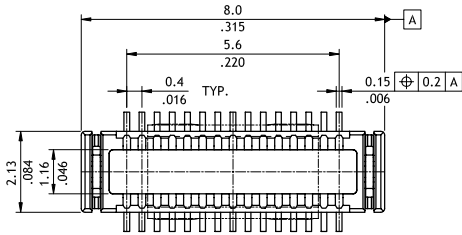
- ⊙ Mating Height 3.5mm
- ⊙ Insulator : High temperature plastic UL 94V-0 , Color Black

NEW

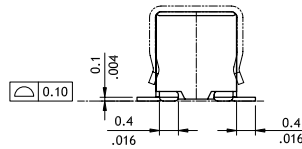
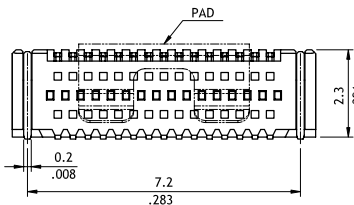
RoHS Compliant



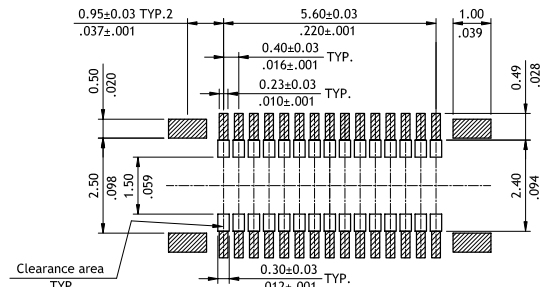
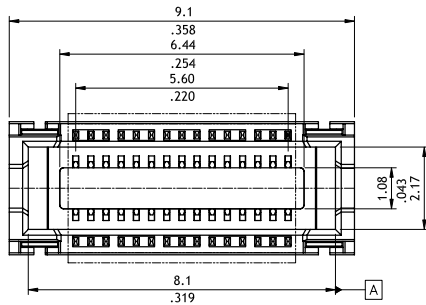
P/N: CBRQ030PA2F00R0-LF



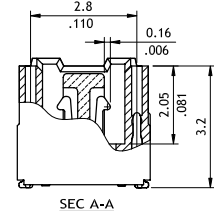
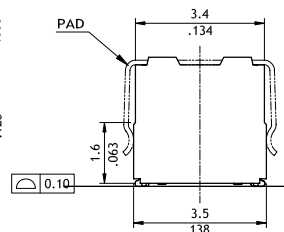
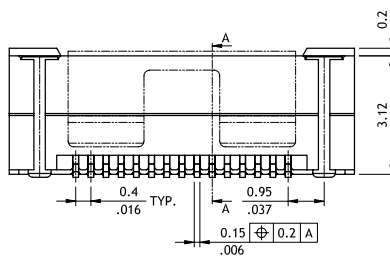
Recommended P.C. Board Layout
General tolerance ±0.05



P/N: CBRQ030SA2F00R0-LF



Recommended P.C. Board Layout
General tolerance ±0.05



Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨
CBRQ 030 P A 2 F 00 R0 - LF CBRQ 030 S A 2 F 00 R0 - LF

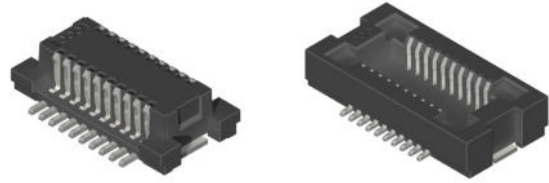
- ① Series No.
- ② No. of Circuits: 30
- ③ P= Plug
- ④ Height : A :2.30mm
- ⑤ Plating Code: 2 = Gold flash over Nickel
- ⑥ Fixed Tab Option : F=With Fixed Tabs
- ⑦ Pegs Option : 00 = Without Pegs
- ⑧ Packing Option : R0 =Tape & Reel
- ⑨ LF = For Lead Free IR process

- ① Series No.
- ② No. of Circuits: 30
- ③ S= Receptacle
- ④ Height : A : 3.12mm
- ⑤ Plating Code: 2 = Gold flash over Nickel
- ⑥ Fixed Tab Option : F=With Fixed Tabs
- ⑦ Pegs Option : 00 = Without Pegs
- ⑧ Packing Option : R0 =Tape & Reel
- ⑨ LF = For Lead Free IR process

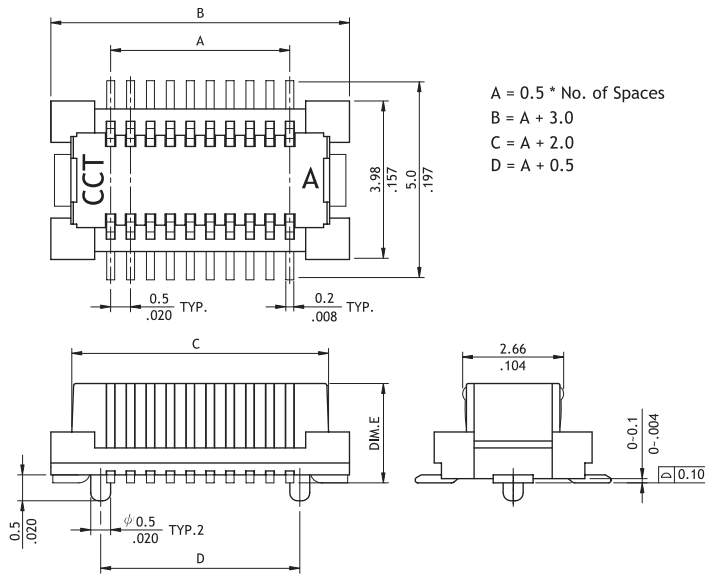
CBRB Series 0.50mm(.020") Board To Board Connectors

- ⊙ Mating Height 2.5, 3.0, 3.5, 4.0, 4.5, 5.0mm
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Black

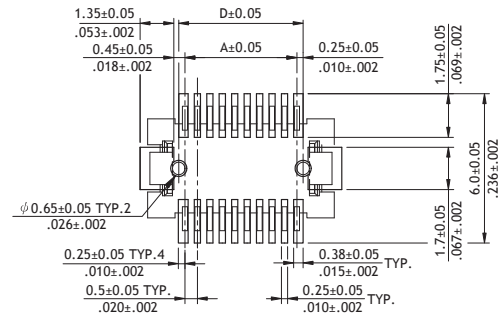
RoHS Compliant  



P/N CBRB***P*2FP1R0-NH

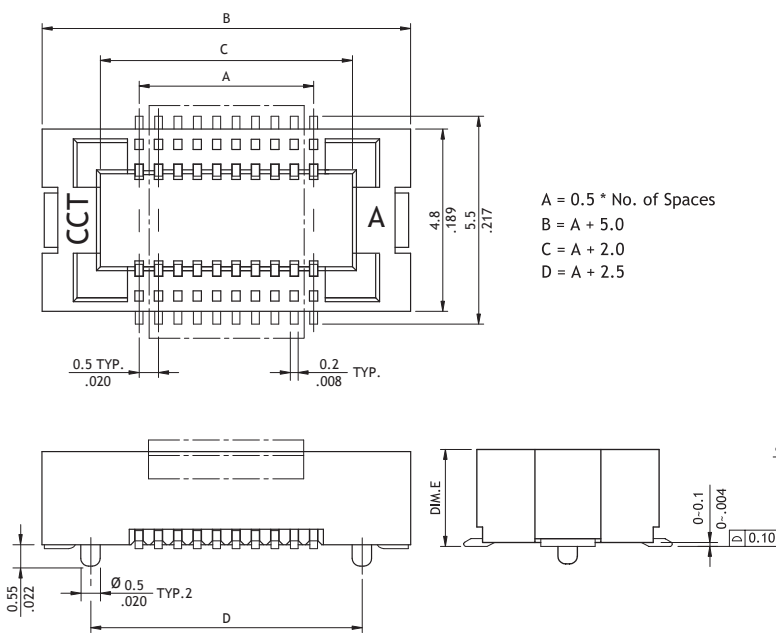


Mating Height	DIM.E
2.5, 3.0, 4.5 mm	2.0
3.5, 4.0, 5.0 mm	3.0

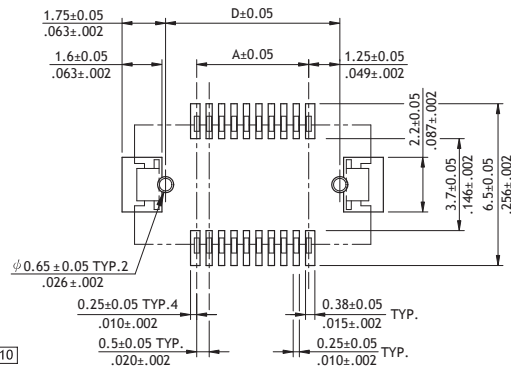


Recommended PCB Layout

P/N CBRB***S*2FP1R0-NH



Mating Height	DIM.E
2.5 mm	2.0
3.0 / 3.5 mm	2.5
4.0 mm	3.0
4.5 / 5.0 mm	4.0



Recommended PCB Layout

CB

BOARD TO BOARD CONNECTORS

CBRB Series 0.50mm(.020") Board To Board Connectors

Mating height	Plug	Receptacle
	 P/N: CBRB***PA2FP1R0-NH	 P/N: CBRB***SA2FP1R0-NH
	 P/N: CBRB***PA2FP1R0-NH	
	Circuits: 10~60 Pin P/N: CBRB***PC2FP1R0-NH	 P/N: CBRB***SB2FP1R0-NH
	Circuits: 10~60 Pin P/N: CBRB***PC2FP1R0-NH	 P/N: CBRB***SC2FP1R0-NH
	 P/N: CBRB***PA2FP1R0-NH	
	Circuits: 10~60 Pin P/N: CBRB***PC2FP1R0-NH	 P/N: CBRB***SD2FP1R0-NH

CB

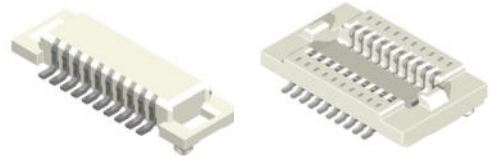
Ordering Code	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
	CBRB	080	P	A	2	F	P1	R	0	-NH
① Series No.	⑤ Plating Code: 2 = Gold flash over Nickel					⑥ Tabs Options: F = With Fixed Tabs 0 = Without Fixed Tabs				
② No. of Circuits: 010 ~ 080	⑦ Pegs Options: P1 = With Pegs 00 = Without Peg					⑧ Packing Options: R = Tape & Reel				
③ Connector Type: P = Plug, S = Receptacle	⑨ Other Options: 0 = Standard					⑩ NH = For Lead Free IR process and Halogen-Free				
④ Height: Plug: A: DIM.E = 2.0mm , C: DIM.E = 3.0mm Receptacle: A: DIM.E = 2.0mm , B: DIM.E = 2.5mm C: DIM.E = 3.0mm , E: DIM.E = 4.0mm										

BOARD TO BOARD CONNECTORS

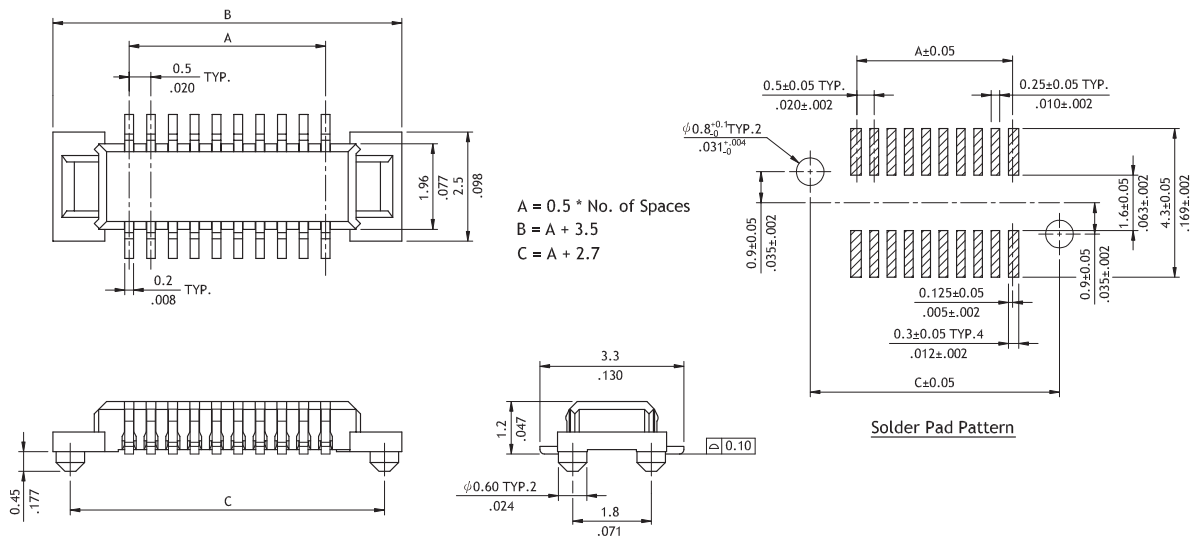
CBRC Series 0.50mm(.020") Board To Board Connectors

- ⊙ Mating Height 1.5mm & 2.0mm
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature

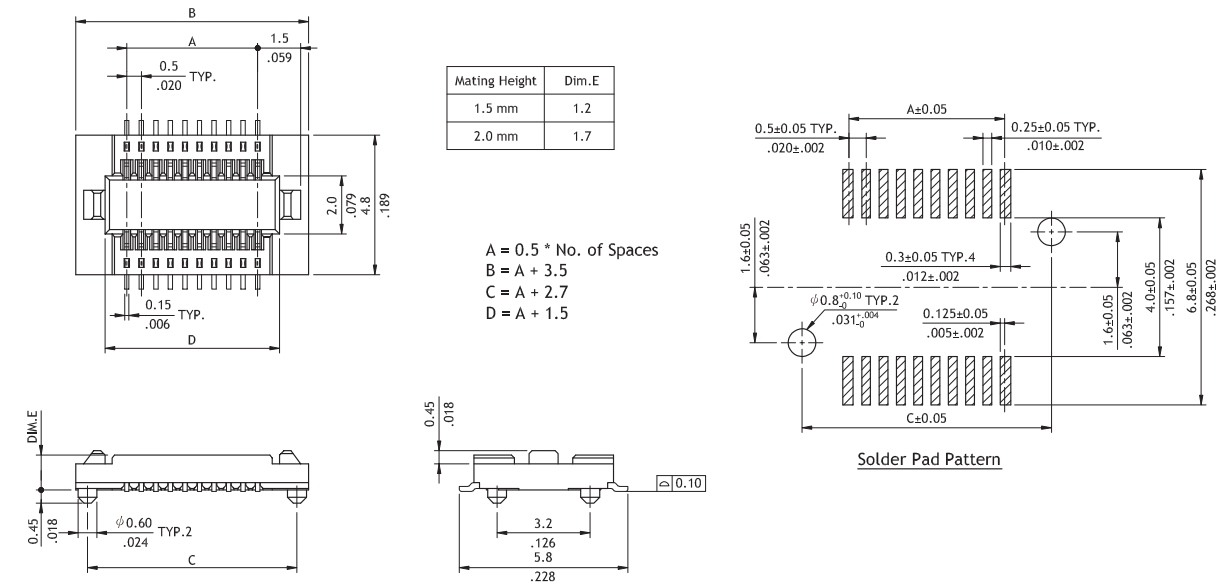
RoHS Compliant  



P/N CBRC**P02001R0-NH



P/N CBRC**S*2001R0-NH



CB

BOARD TO BOARD CONNECTORS

CBRC Series 0.50mm(.020") Board To Board Connectors

- ⊙ Mating Height 1.5mm & 2.0mm
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature

RoHS Compliant

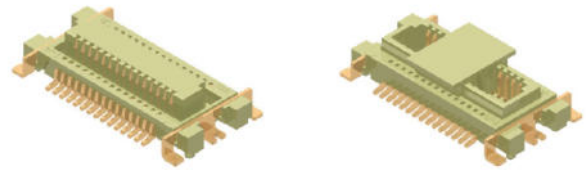
Mating Height	Plug	Receptacle
<p>1.5 .059</p>	<p>Circuits: 10, 16, 20, 22</p> <p>1.2 .047</p> <p>P/N:CBRC***P0*001R0-NH</p>	<p>Circuits: 10, 16, 20, 22</p> <p>1.2 .047</p> <p>P/N:CBRC***S0200*R0-NH</p>
<p>2.0 .079</p>	<p>Circuits: 10, 16, 20, 22</p> <p>1.2 .047</p> <p>P/N:CBRC***P0*001R0-NH</p>	<p>Circuits: 10</p> <p>1.7 .067</p> <p>P/N:CBRC***SA200*R0-NH</p>

Ordering Code	①	②	③	④	⑤	⑥	⑦	⑧
	CBRC	024	P0	2	001	R	0	- NH
① Series No.	② No. of Circuits: S0 = 18 , 24 , 30 , 50 P0 = 18 , 24 , 30 , 40 , 50		④ Plating Code : 2 = Gold flash over Nickel		⑤ Pegs Options: 000 = Without Peg 001 = With Pegs		⑥ Packing Options: R = Tape & Reel	
③ Connector Type: P0 = Plug S0 = Receptacle (DIM.E = 1.2mm) SA = Receptacle (DIM.E = 1.7mm)			⑦ Other Options: 0 = Standard		⑧ NH = For Lead Free IR process and Halogen-Free			

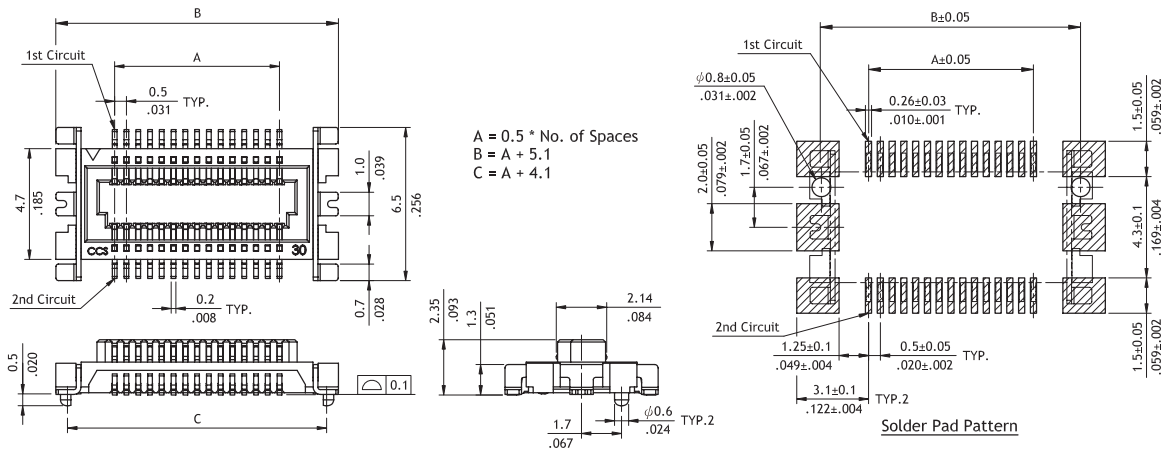
CBRE Series 0.50mm(.020") Board To Board Connectors

- ⊙ Mating Height 3.0mm & 3.5mm
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature
- ⊙ With metal fixed tabs to secure connector in place

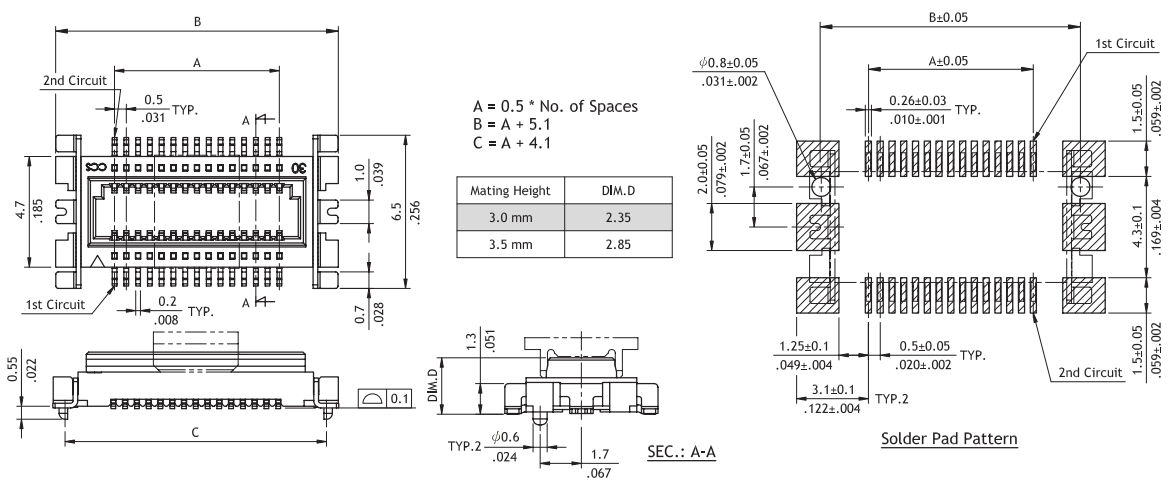
RoHS Compliant  



P/N CBRE***PA2FP1R0-NH



P/N CBRE***S*2FP1R0-NH



CB

BOARD TO BOARD CONNECTORS

CBRE Series 0.50mm(.020") Board To Board Connectors

- ⊙ Mating Height 3.0mm & 3.5mm
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature
- ⊙ With metal fixed tabs to secure connector in place

RoHS Compliant

Mating Height	Plug	Receptacle
<p>3.0 .118</p>	<p>Circuits: 10, 20, 30</p> <p>2.35 .093</p> <p>P/N:CBRE***PA2FP1R0-NH</p>	<p>Circuits: 10, 30</p> <p>2.35 .093</p> <p>P/N:CBRE***SA2FP1R0-NH</p>
<p>3.5 .138</p>	<p>Circuits: 10, 20, 30</p> <p>2.35 .093</p> <p>P/N:CBRE***PA2FP1R0-NH</p>	<p>Circuits: 20</p> <p>2.85 .112</p> <p>P/N:CBRE***SB2FP1R0-NH</p>

Ordering Code	①	②	③	④	⑤	⑥	⑦	⑧	⑨	
	CBRE	030	PA	2	F	P1	R	0	- NH	
① Series No.	② No. of Circuits: 10, 20, 30 <small>*Circuits not found above please consult manufacturer</small>		④ Plating Code: 2 = Gold flash over Nickel		⑤ Fixed Tab Options: F = With Fixed Tabs		⑥ Pegs Options: P1 = With Pegs		⑦ Packing Options: R = Tape & Reel	
③ Connector Type: PA = Plug SA = Receptacle (DIM.E = 2.35mm) SB = Receptacle (DIM.E = 2.85mm)			⑧ Other Options: 0 = Standard		⑨ NH = For Lead Free IR process and Halogen-Free					

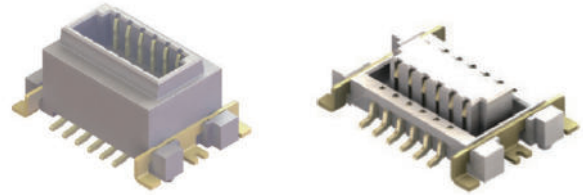
CB

BOARD TO BOARD CONNECTORS

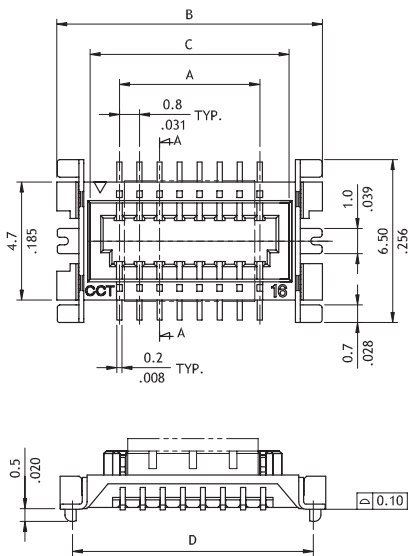
CBRD Series 0.80mm(.031") Board To Board Connectors

- ⊙ Mating Height 4.0, 5.0 & 8.0mm
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Nature

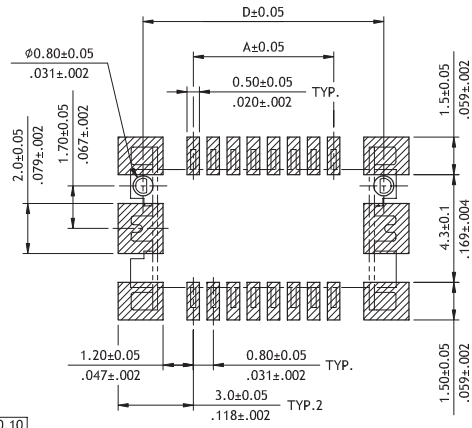
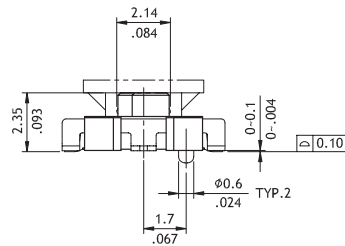
RoHS Compliant



P/N CBRD***PA2***R0-NH

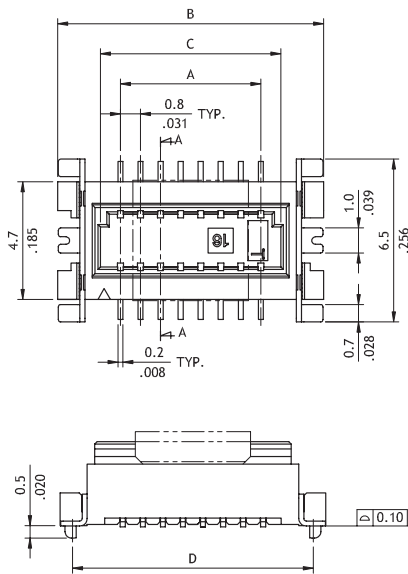


A = 0.8 * No. of Spaces
 B = A + 5.0
 C = A + 2.34
 D = A + 4.0



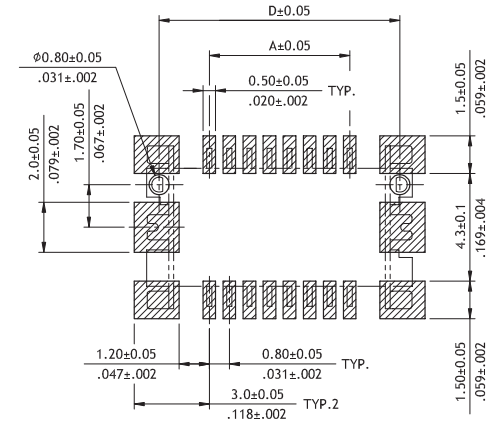
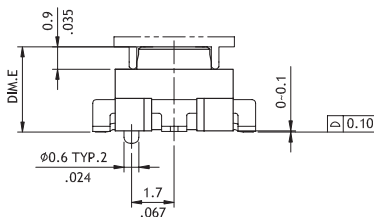
Recommended PCB Layout

P/N CBRD***S*2***R0-NH



A = 0.8 * No. of Spaces
 B = A + 5.0
 C = A + 1.6
 D = A + 4.0

Mating Height	DIM.E
4.0 mm	3.4
5.0 mm	4.4
8.0 mm	7.4



Recommended PCB Layout

CB

BOARD TO BOARD CONNECTORS

CBRD Series 0.80mm(.031") Board To Board Connectors

© MOQ: 5000pcs but also based on MPQ

Mating Height	Plug	Receptacle
<p>4.0 .157</p>	<p>2.35 .093</p> <p>P/N: CBRD***PA2FP1R0-NH</p>	<p>3.4 .134</p> <p>P/N: CBRD***SA2FP1R0-NH</p>
<p>5.0 .197</p>	<p>2.35 .093</p> <p>P/N: CBRD***PA2FP1R0-NH</p>	<p>4.4 .173</p> <p>P/N: CBRD***SB2FP1R0-NH</p>
<p>8.0 .315</p>	<p>2.35 .093</p> <p>P/N: CBRD***PA2FP1R0-NH</p>	<p>7.4 .291</p> <p>P/N: CBRD***SE2FP1R0-NH</p>

Ordering Code	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
	CBRD	080	S	A	2	F	P1	R	0	- NH
<p>① Series No.</p> <p>② No. of Circuits: 010 ~ 080 (Available: 10,12,14,16,20,24,30,34,36,40,50,60,80) *Circuits not found above please consult manufacturer</p> <p>③ Connector Type: P = Plug S = Receptacle</p>	<p>④ Height: Plug: A: DIM.E = 2.35mm Receptacle: A: DIM.E = 3.40mm B: DIM.E = 4.40mm E: DIM.E = 7.40mm</p> <p>⑤ Plating Code: 2 = Gold flash over Nickel</p> <p>⑥ Fixed Tab Options: 0 = Without Fixed Tab F = With Fixed Tabs</p>	<p>⑦ Pegs Options: 00 = Without Peg P1 = With Pegs</p> <p>⑧ Packing Options: R = Tape & Reel</p> <p>⑨ Other Options: 0 = Standard</p> <p>⑩ NH = For Lead Free IR process and Halogen-Free</p>								

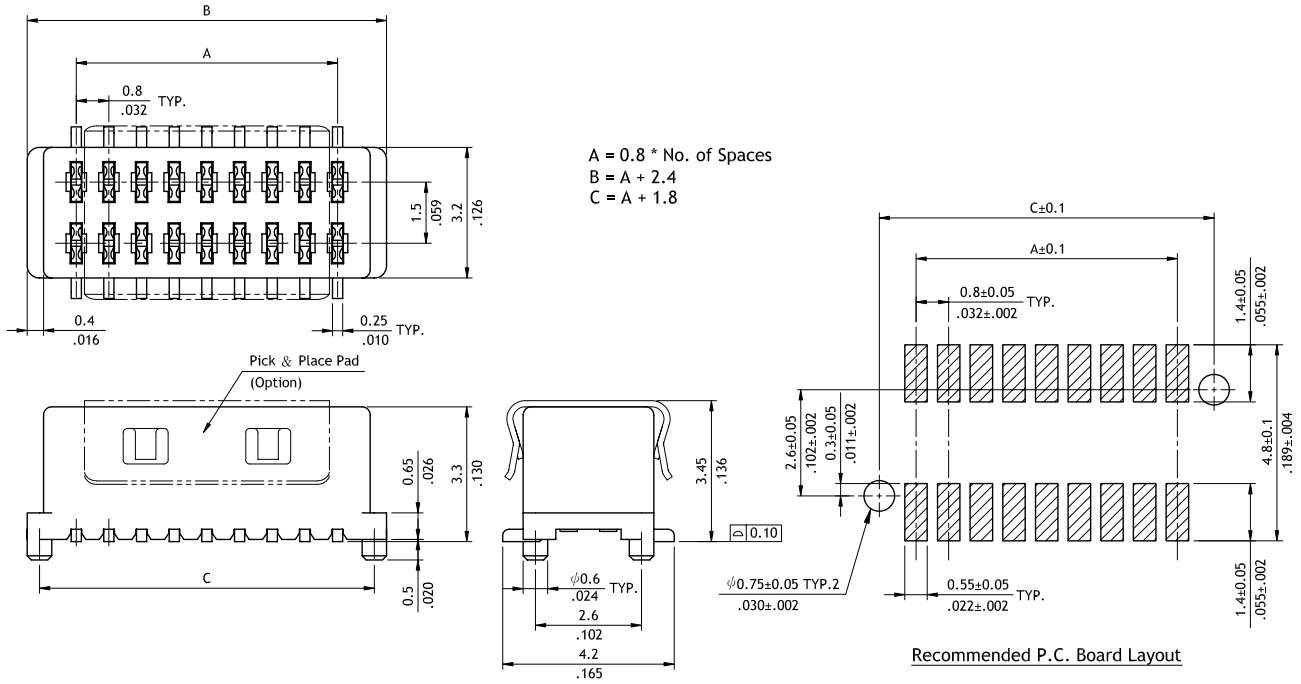
CB

BOARD TO BOARD CONNECTORS

CBC3 Series 0.80mm(.031") Dual Row Female Headers

- ⊙ Mate with CHC3 Header
- ⊙ Insulator: High temperature plastic UL 94V-0, Color Black

RoHS Compliant



Ordering Code

①	②	③	④	⑤	⑥	⑦
CBC3	36	1	M	1	R	0

- ① Series No.
- ② No. of Circuits: 06 ~ 36
- ③ Plating Code:
1 = Tin over Nickel
2 = Gold flash over Nickel
- ④ Tail Style: M = SMT Type
- ⑤ Color: 1 = Black
- ⑥ Packing Options:
R = Tape & Reel (With pick & place pad)
T = Tube
- ⑦ Other Options: 0 = Standard
* Special options consult manufacturer

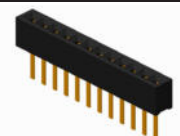
CB

BOARD TO BOARD CONNECTORS

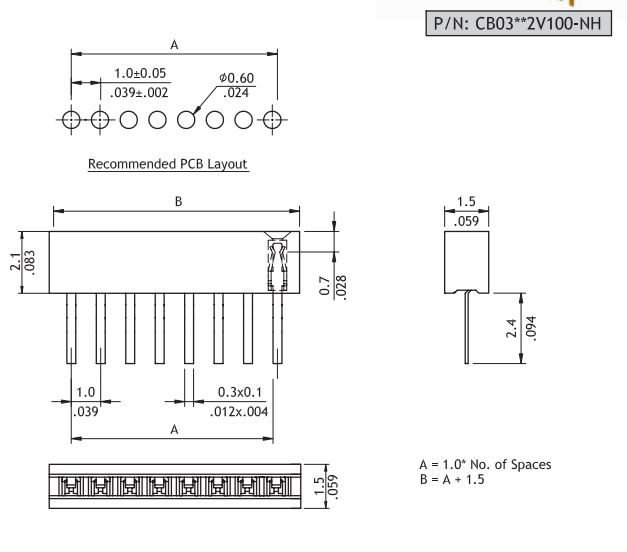
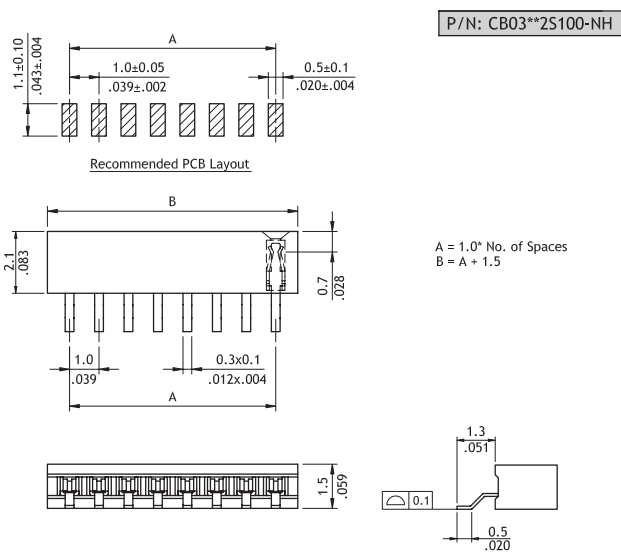
CB03 Series 1.00mm(.039") SMT Type Single Row Pin Headers

☉ Mate with CH07 series

RoHS Compliant



P/N: CB03**2V100-NH



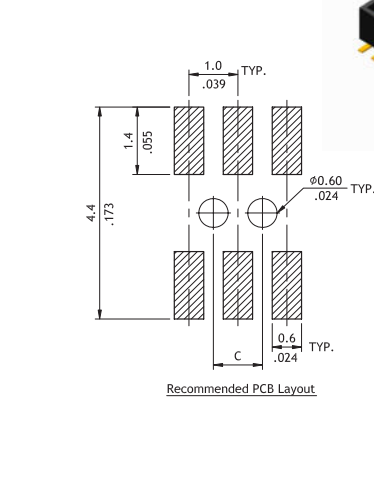
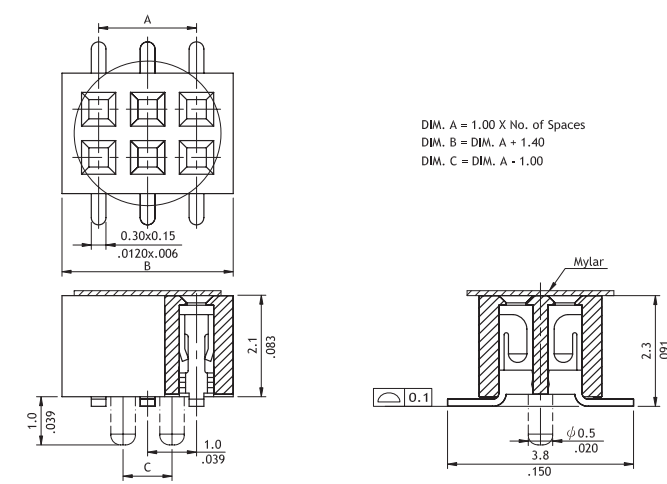
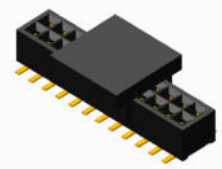
Ordering Code

①	②	③	④	⑤	⑥	⑦
CB03	50	2	S	1	00	-NH

- ① Series No.
- ② No. of Circuits: 02 ~ 50
- ③ Plating Code: 2 = Gold flash over Nickel
- ④ Tail Style: S = SMT Type , V = Straight DIP Type
- ⑤ Color: 1 = Black
- ⑥ Other Options: 00 = Standard
- ⑦ NH = For Lead Free Soldering process and Halogen-Free

CB12 Series 1.00mm(.039") Dual Row Female Headers

☉ Mate with CH16 series



Ordering Code

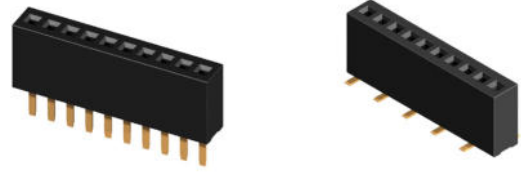
①	②	③	④	⑤	⑥	⑦	⑧
CB12	36	2	M	1	00	-R	P

- ① Series No.
- ② No. of Circuits: 06 ~ 100
- ③ Plating Code: 2 = Gold flash over Nickel
- ④ Tail Style: M = SMT Type
- ⑤ Color: 1 = Black
- ⑥ Other Options: 00 = Standard
- ⑦ Packing Options: R = Tape & Reel
- ⑧ Pegs Options:
 - 0 = Without Mylar & Peg
 - P = With Mylar & Without Peg

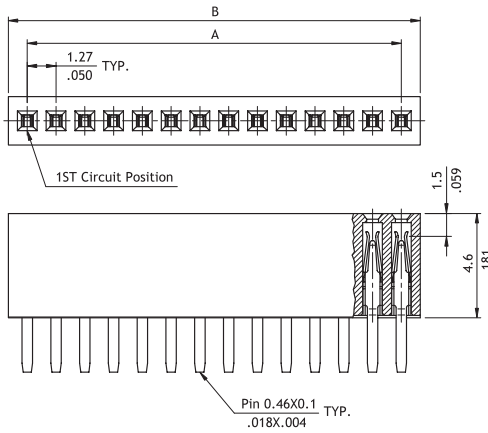
CB01 Series 1.27mm(.050") Single Row Female Headers

☉ Mates with CH01, CH02 and CH03 series

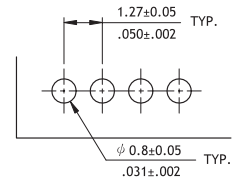
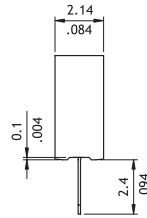
RoHS Compliant  



P/N CB01**2D100-NH

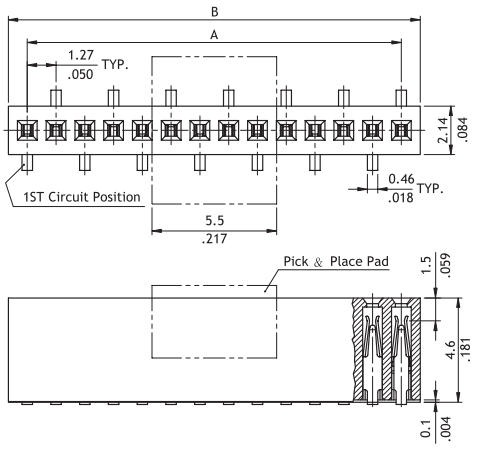


$A = 1.27 * \text{No. of Spaces}$
 $B = A + 1.67$

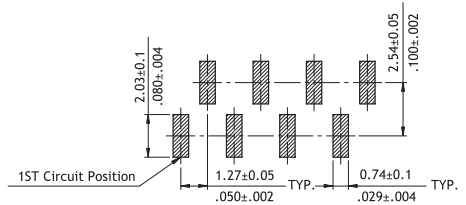
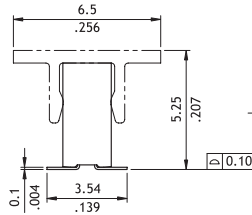


Recommended PCB Layout

P/N CB01**2M100-2*-NH



$A = 1.27 * \text{No. of Spaces}$
 $B = A + 1.67$



Recommended PCB Layout

Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨
CB 0 1 5 0 2 M 1 0 0 - 2 0 - NH

- ① Series No.
- ② No. of Circuits: 04 ~ 50
- ③ Plating Code: 2 = Gold flash over Nickel
- ④ Tail Style: M = SMT Type
D = DIP Type
- ⑤ Color: 1 = Black
- ⑥ Other Options: 00 = Standard

- ⑦ Mating Header Pin Size:
2 = 0.4mm Square Pin
- ⑧ Packing Options:
0 = Without Pick & Place Pad (Tube)
P = With Pick & Place Pad (Tape & Reel)
*Code 7 and 8 for SMT Type only
- ⑨ NH = For Lead Free Soldering process and Halogen-Free

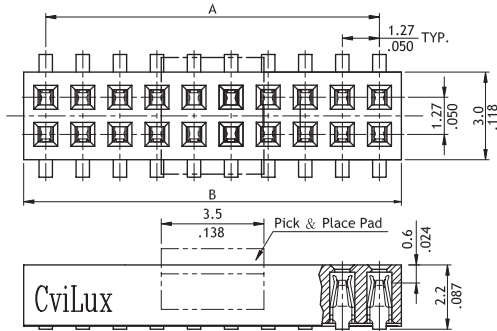
CB50 Series 1.27mm(.050") Dual Row Female Headers

- ⊙ Ultra Low profile
- ⊙ Top and bottom entry available
- ⊙ High performance contact design
- ⊙ Mates with CH51, CH52, CH53 and CH57 series

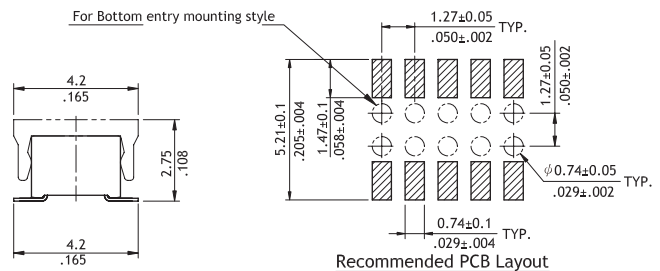
RoHS Compliant



P/N CB50**20**0-NH

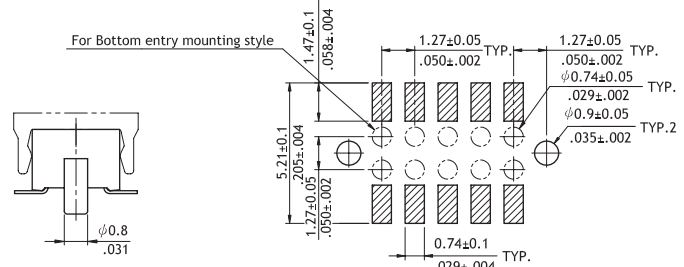
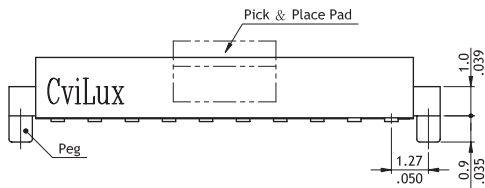


Dim. A = 1.27 X No. of Spaces
 Dim. B = Dim. A + 1.67
 Dim. C = Dim. A - 1.27



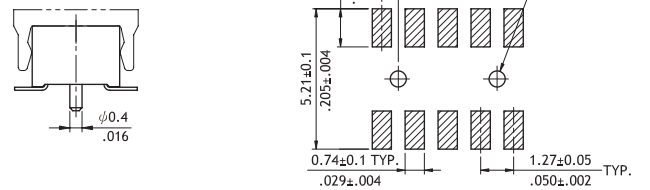
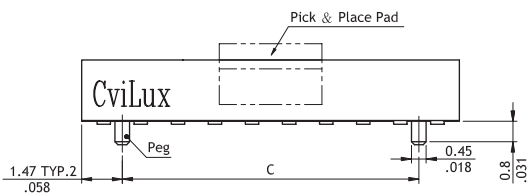
Recommended PCB Layout

P/N CB50**2P**0-NH



Recommended PCB Layout

P/N CB50**2A**0-NH



Recommended PCB Layout

Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧
CB 5 0 6 0 2 0 0 R 0 - NH

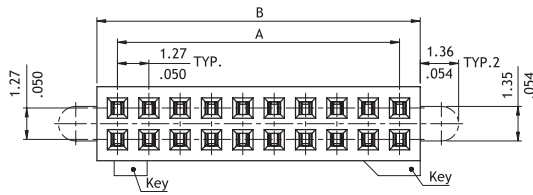
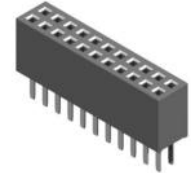
- ① Series No.
- ② No. of Circuits: 06 ~60
- ③ Plating Code: 2 = Gold flash over Nickel
- ④ Pegs Options:
 0 = Without Peg
 P = With Pegs Type 1
 A = With Pegs Type 2

- ⑤ Pegs Options:
 0 = Without Pick & Place Pad
 P = With Pick & Place Pad
- ⑥ Packing Options : R = Tape & Reel
 T = Tube
- ⑦ Other Options: 0 = Standard
 *Special options consult manufacturer
- ⑧ NH = For Lead Free IR process and Halogen-Free

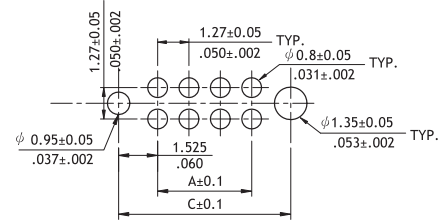
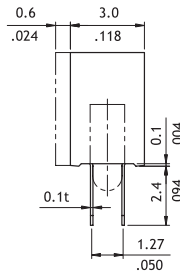
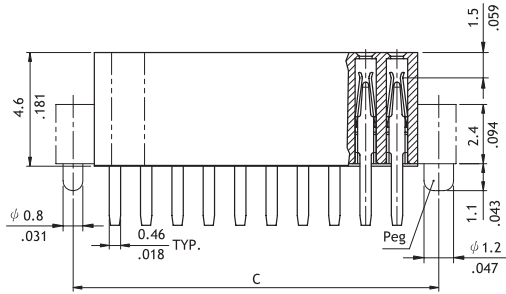
CBC1 Series 1.27mm(.050") Dual Row Female Headers

- ⊙ Mates with 1.27mm pitch 0.40mm Square pin Header
- ⊙ High performance contact design
- ⊙ Low insertion Force, Anti-flux
- ⊙ With PCB pegs options

RoHS Compliant  



A = 1.27 X No. of Spaces
 B = A + 1.67
 C = A + 3.05



Recommended PCB Layout

Ordering Code

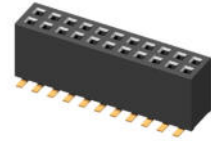
① ② ③ ④ ⑤ ⑥ ⑦
CBC1 60 2 D 1 00 - NH

- ① Series No.
- ② No. of Circuits:
 With keys: 10, 20, 30 ~ 60
 Without keys: 06 ~ 60
- ③ Plating Code : 2 = Gold flash over Nickel
- ④ Tail Style: D = DIP Type
- ⑤ Color: 1 = Black
- ⑥ Other Options:
 00 = Without Key and Peg
 10 = With Keys and Pegs
 20 = Without Key and With Pegs
- ⑦ NH = For Lead Free soldering process and Halogen-Free

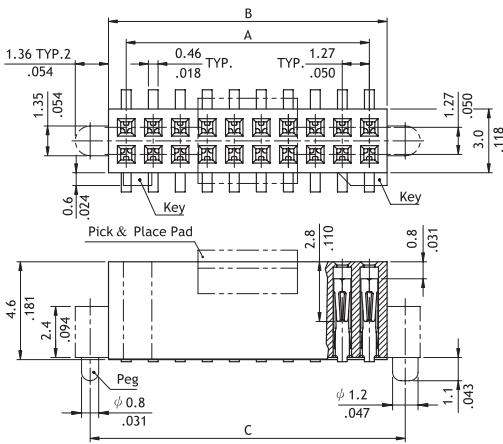
CBC1 Series 1.27mm(.050") Dual Row Female Headers

- ⊙ Mates with CH51, CH52, CH53, CH57 and CHC2 series
- ⊙ Pick and Place Pad available
- ⊙ High performance contact design
- ⊙ With PCB Pegs options

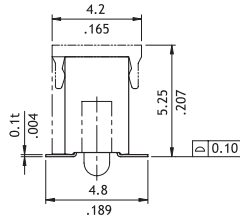
RoHS Compliant



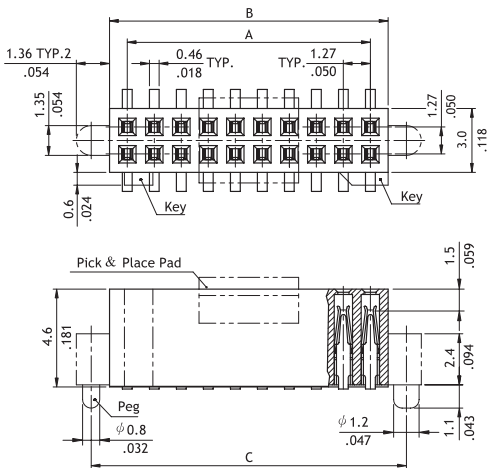
P/N CBC1**2M1*0-1*-NH



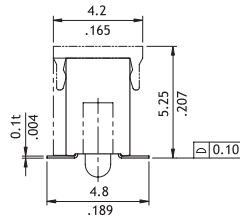
A = 1.27 X No. of Spaces
 B = A + 1.67
 C = A + 3.05



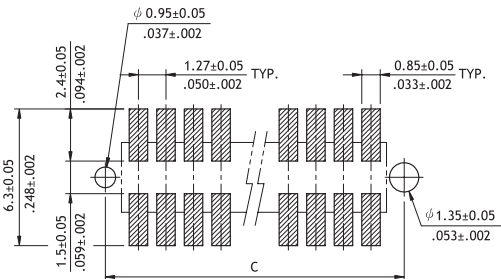
P/N CBC1**2M1*0-2*-NH



A = 1.27 X No. of Spaces
 B = A + 1.67
 C = A + 3.05



Without Key and Peg ; Without Pick & Place Pad	
With Key and Pegs ; Without Pick & Place Pad	
Without Key ; With Pegs ; Without Pick & Place Pad	
Without Key and Peg ; With Pick & Place Pad	
With Key and Pegs ; With Pick & Place Pad	
Without Key ; With Pegs ; With Pick & Place Pad	



Recommended PCB Layout

Ordering Code

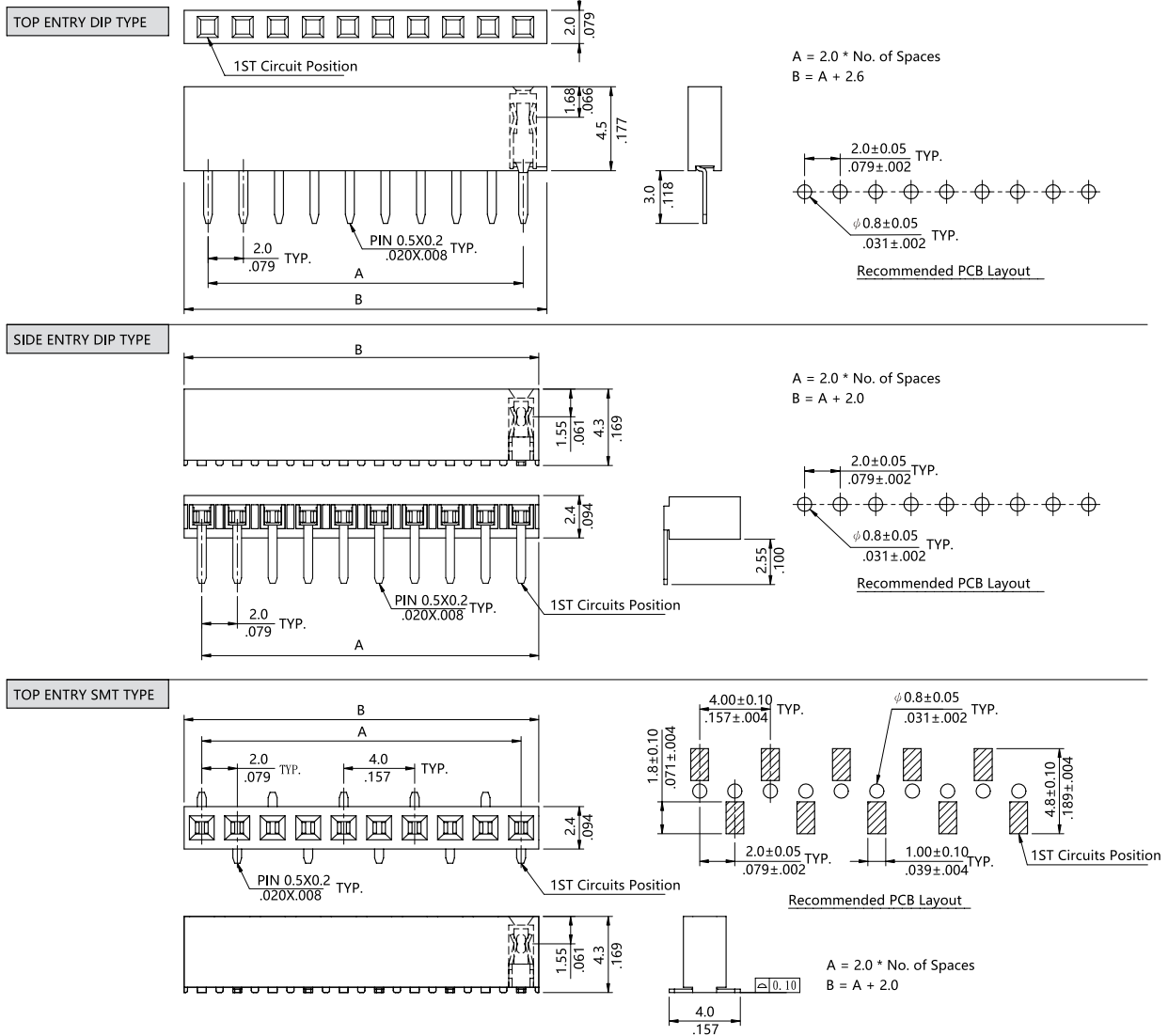
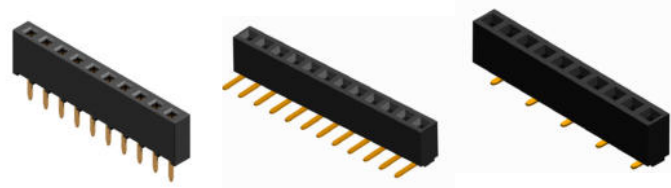
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
CBC1 602 M 1 0 0 - 2 P - NH

- ① Series No.
- ② No. of Circuits:
 With Keys: 10 ~60
 Without Keys: 06 ~ 60
- ③ Plating Code : 2 = Gold flash over Nickel
- ④ Tail Style: M = SMT Type
- ⑤ Color: 1 = Black
- ⑥ Other Options:
 0 = Without Key and Peg
 1 = With Keys and Pegs
 2 = Without Key and With Pegs
- ⑦ Other Options:
 0 = Standard
- ⑧ Mating Header Pin Size:
 1 = 0.46mm Round Pin
 2 = 0.40mm Square Pin
- ⑨ Packing Options:
 0 = Without Pick & Place Pad (Tube)
 P = With Picks & Place Pad (Tape & Reel)
- ⑩ NH = For Lead Free IR process and Halogen-Free

CB22 Series 2.00mm(.079") Single Row Female Headers

⊙ Mates with CH11 and CH21 series

RoHS Compliant



Ordering Code

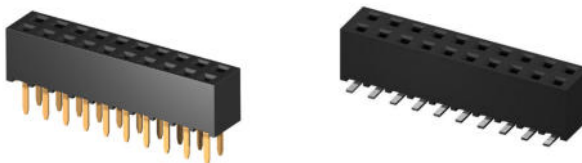
①	②	③	④	⑤	⑥
CB	22	40	2	V	1
					00

- ① Series No.
- ② No. of Circuits:
DIP : 02 ~ 40 SMT: 03 ~ 30
- ③ Plating Code : 2 = Gold flash over Nickel
- ④ Tail Style:
V = Straight DIP
H= Right angle DIP
M= Straight SMT
- ⑤ Color: 1 = Black
- ⑥ Other Options : 00 = Standard
*Special options consult manufacturer

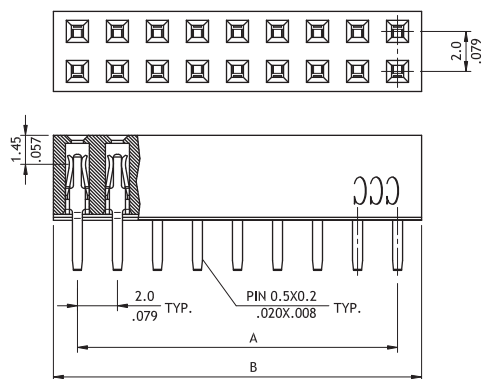
CB74 Series 2.00mm(.079") Dual Row Female Headers

⊙ Mates with CH71, CH72 and CH75 series

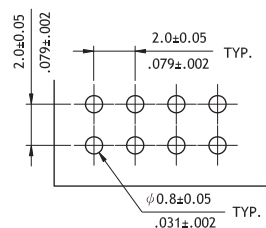
RoHS Compliant



P/N CB74**2V100-NH

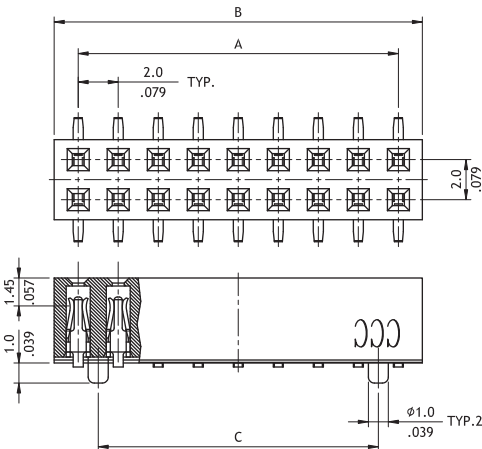


A = 2.0 * No. of Spaces
B = A + 2.4

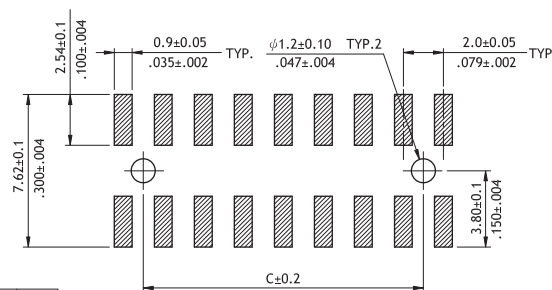


Recommended PCB Layout

P/N CB74**2M100-NH



A = 2.0 * No. of Spaces
B = A + 2.4
C = A - 2.0



Recommended PCB Layout

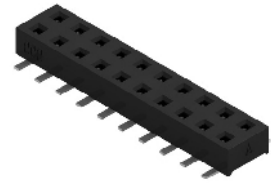
Ordering Code	①	②	③	④	⑤	⑥	⑦
	CB74	80	2	M	1	00	-NH

① Series No.
 ② No. of Circuits: 04 ~ 80
 ③ Plating Code : 2 = Gold flash over Nickel
 ④ Tail Style:
 V = Top Entry DIP Type
 M = Top Entry SMT Type
 ⑤ Color: 1 = Black
 ⑥ Other Options:
 00 = Standard
 *Special options consult manufacturer
 ⑦ NH = For Lead Free soldering process and Halogen-Free

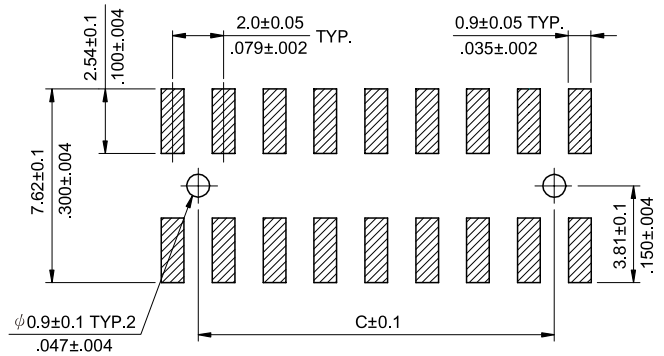
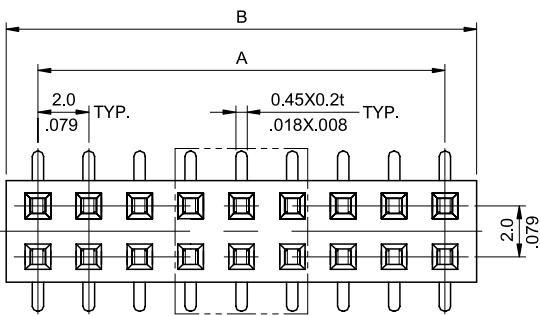
CB76 Series 2.00mm(.079") Dual Row Female Headers

☉ Mate with CH71, CH72 and CH75 series

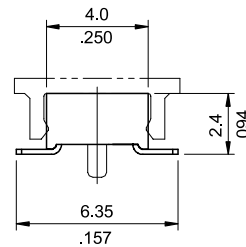
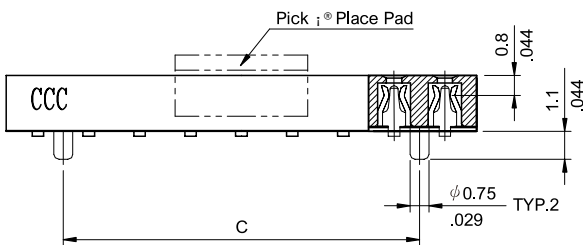
RoHS Compliant  



CB



Recommended P.C. Board Layout



A = 2.0 * No. of Spaces
 B = A + 2.5
 C = A - 2.0

BOARD TO BOARD CONNECTORS

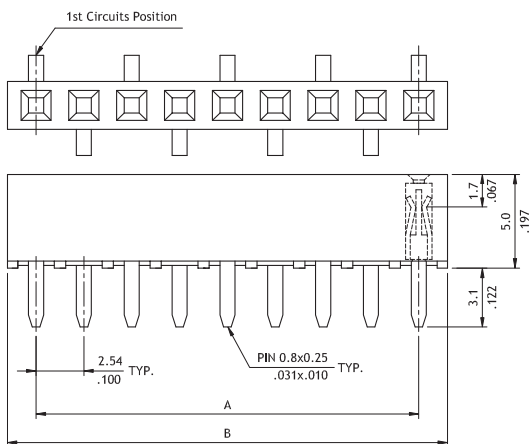
Ordering Code	①	②	③	④	⑤	⑥	⑦	⑧
	CB	76	40	2	M	1	00	-NH

① Series No.
 ② No. of Circuits: 04 ~ 40
 ③ Plating Code : 2 = Gold flash over Nickel
 ④ Tail Style: M = SMT Type
 ⑤ Color: 1 = Black
 ⑥ Pegs Options:
 0 = With Pegs
 1 = Without Peg
 ⑦ Packing Options:
 0 = Tube packing
 R = Tape & Reel (With Pick & Place Pad)
 ⑧ NH = For Lead Free IR process and Halogen-Free

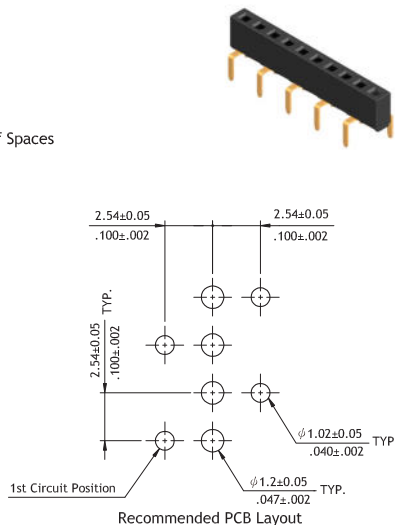
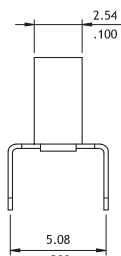
CB33 Series 2.54mm(.100") Single Row Dual Entry Female Header

Ⓞ Mates with CH31 and CH34 series

RoHS Compliant



A = 2.54 * No. of Spaces
B = A + 3.14



Ordering Code	①	②	③	④	⑤	⑥
	CB33	40	2	R	1	00

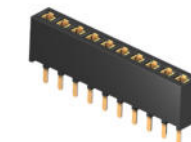
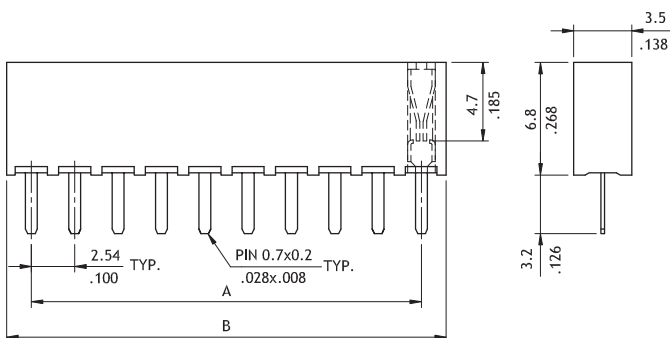
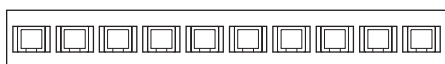
① Series No.
② No. of Circuits: 02 ~ 40
③ Plating Code : 2 = Gold flash over Nickel
④ Tail Style: R = Dual Entries

⑤ Color: 1 = Black
⑥ Other Options: 00 = Standard
*Special options consult manufacturer

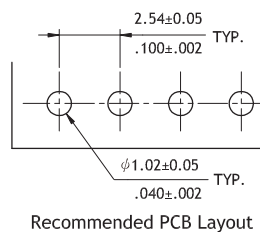
CB37 Series 2.54mm(.100") Single Row Female Headers

Ⓞ Mates with CH31 and CH34 series

RoHS Compliant



A = 2.54 * No. of Spaces
B = A + 2.5



Ordering Code	①	②	③	④	⑤	⑥
	CB37	40	A	V	1	00

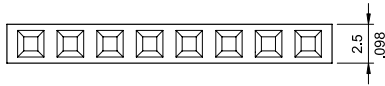
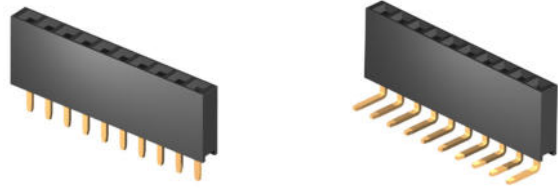
① Series No.
② No. of Circuits: 02 ~ 40
③ Plating Code: A = Selective Gold flash over Nickel
④ Tail Style: V = Vertical

⑤ Color: 1 = Black
⑥ Other Options: 00 = Standard
* Special options consult manufacturer

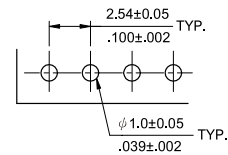
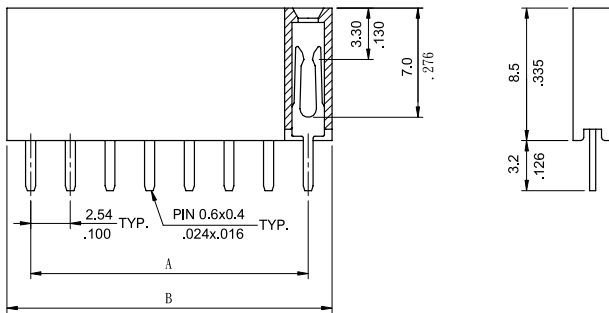
CB39 Series 2.54mm(.100") Single Row Female Headers

© Mates with CH31, CH34 series

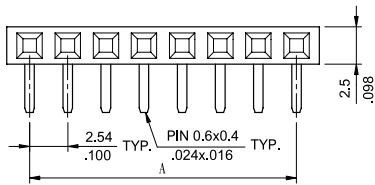
RoHS Compliant



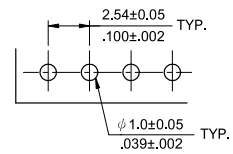
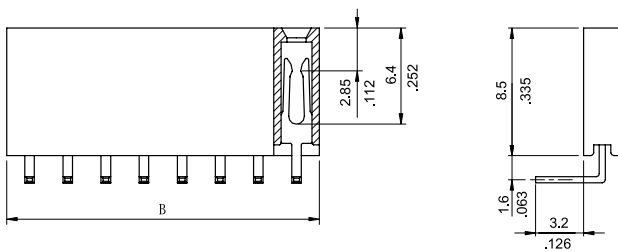
$A = 2.54 * \text{No. of Spaces}$
 $B = A + 3.04$



Recommended P.C. Board Layout



$A = 2.54 * \text{No. of Spaces}$
 $B = A + 3.04$



Recommended P.C. Board Layout

Ordering Code

①	②	③	④	⑤	⑥
CB	39	40	2	V	1
					00

- ① Series No.
- ② No. of Circuits: 02 ~ 40
- ③ Plating Code : 2 = Gold flash over Nickel
- ④ Tail Style: V = Vertical
H = Right Angle

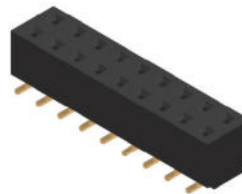
- ⑤ Color: 1 = Black
- ⑥ Other Options:
00 = Standard
*Special options consult manufacturer

CB

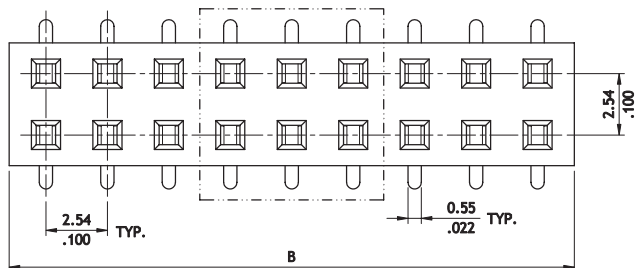
BOARD TO BOARD CONNECTORS

CB41 Series 2.54mm(.100") Dual Row Female Headers

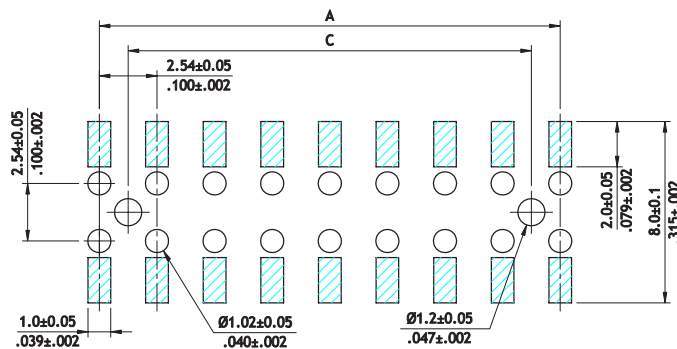
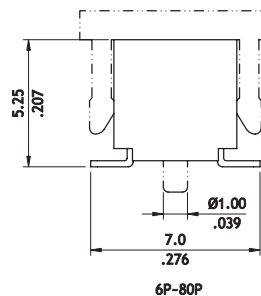
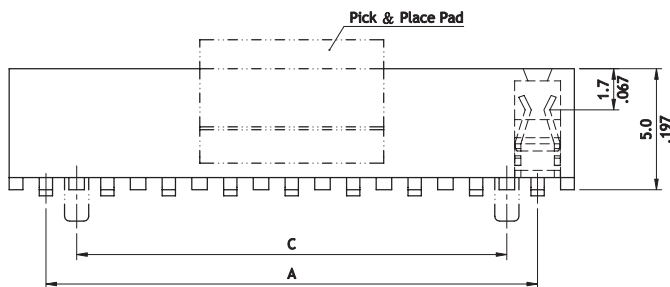
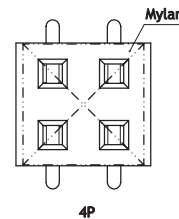
© Mates with CH81, CH84, CH85 and CH88 series



RoHS Compliant



Dim. A = 2.54 X No. of Spaces
 Dim. B = Dim. A + 3.04
 Dim. C = Dim. A - 2.54



Recommended P.C. Board Layout

Ordering Code	①	②	③	④	⑤	⑥
	CB	41	80	2	M	1R0

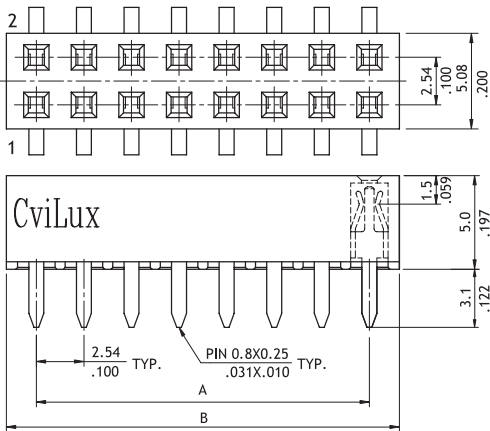
① Series No.
 ② No. of Circuits: 04 ~ 80
 ③ Plating Code : 2 = Gold flash over Nickel
 ④ Tail Style: M = SMT Type
 ⑤ Color: 1 = Black

⑥ Packing Options:
 P0 = With Pad & Without Pegs (Tube Packing)
 PP = With Pad & With Pegs (Tube Packing)
 R0 = With Pad & Without Peg (Reel Packing)
 RP = With Pad & With Pegs (Reel Packing)
 *Special options consult manufacturer

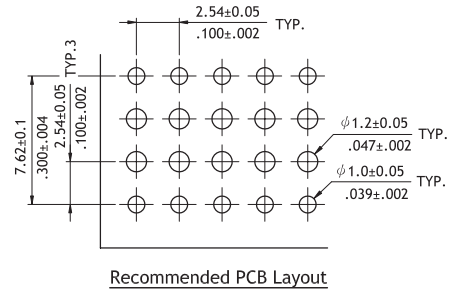
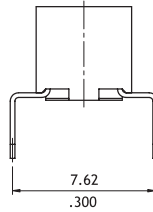
CB83 Series 2.54mm(.100") Dual Row Female Headers

☉ Mates with CH81, CH84 and CH85 series

RoHS Compliant



$A = 2.54 * \text{No. of Spaces}$
 $B = A + 3.2$



Ordering Code

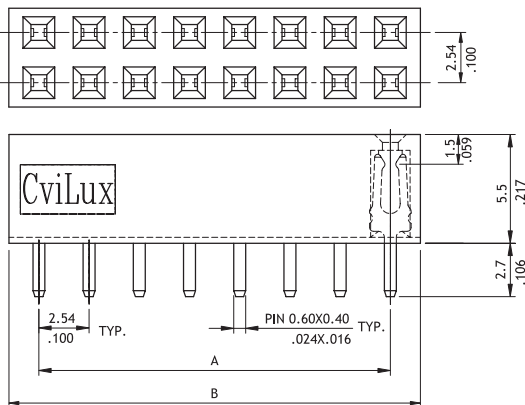
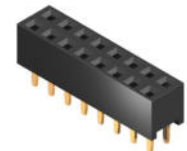
①	②	③	④	⑤	⑥
CB83	40	2	R	1	00

- ① Series No.
- ② No. of Circuits: 04 ~ 40
- ③ Plating Code : 2 = Gold flash over Nickel
- ④ Tail Style: R = Dual Entries
- ⑤ Color: 1 = Black
- ⑥ Other Options: 00 = Standard
*Special options consult manufacturer

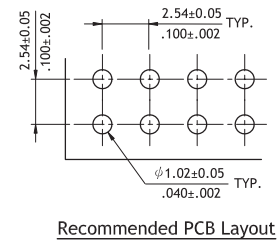
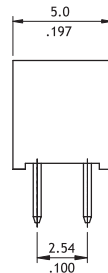
CB85 Series 2.54mm(.100") Dual Row Female Headers

☉ Mates with CH81, CH84 and CH85 series

RoHS Compliant



$A = 2.54 * \text{No. of Spaces}$
 $B = A + 3.0$



Ordering Code

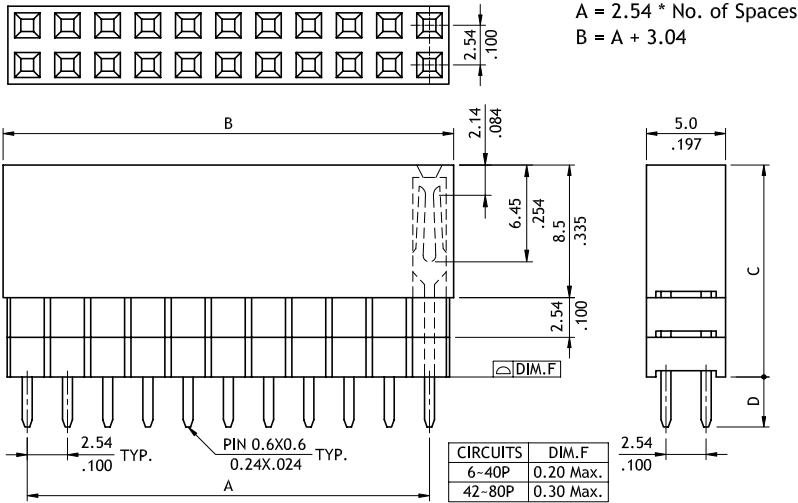
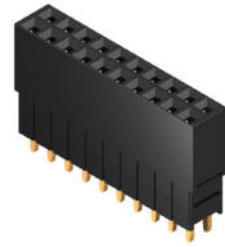
①	②	③	④	⑤	⑥
CB85	40	2	V	1	00

- ① Series No.
- ② No. of Circuits: 04 ~ 40
- ③ Plating Code: 2 = Gold flash over Nickel
- ④ Tail Style: V = Vertical
- ⑤ Color: 1 = Black
- ⑥ Other Options: 00 = Standard
* Special options consult manufacturer

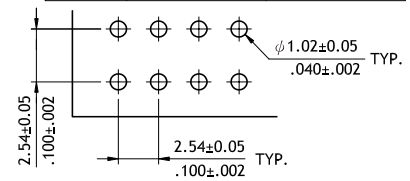
CB96 Series 2.54mm(.100") Dual Row Elevated Female Headers

© Mates with CH81, CH84 and CH85 series

RoHS Compliant



Option Codes	Dimension	
	C	D
00	11.05(.435)	2.3(.091)
1Y	11.05(.435)	7.3(.287)
2Y	13.59(.535)	4.8(.189)
3Y	16.13(.635)	2.3(.091)
1Z	11.05(.435)	12.2(.480)
2Z	13.59(.535)	9.6(.378)
3Z	16.13(.635)	7.1(.280)
4Z	18.67(.735)	4.6(.181)
2W	13.59(.535)	3.4(.134)
2V	13.58(.535)	3.0(.118)



Recommended P.C. Board Layout

Ordering Code

① ② ③ ④ ⑤ ⑥
CB 9 6 8 0 2 V 1 00

- ① Series No.
- ② No. of Circuits: 06 ~ 80
- ③ Plating Code: 2 = Gold flash over Nickel
- ④ Tail Style: V = Vertical

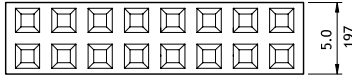
- ⑤ Color: 1 = Black
- ⑥ Other Options:
see option code table
*Special options consult manufacturer

CB91 Series 2.54mm(.100") Dual Row Female Headers

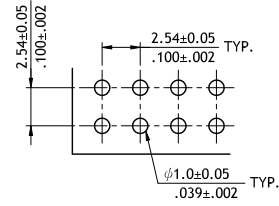
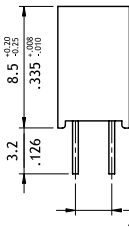
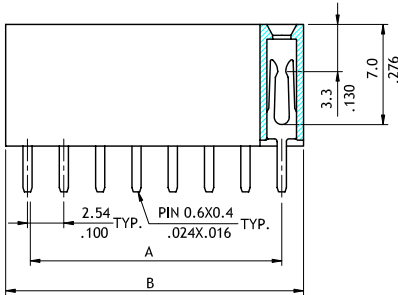
© Mates with CH81, CH84 and CH85 series



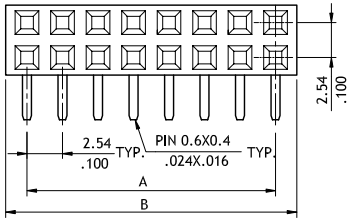
RoHS Compliant



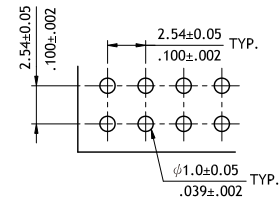
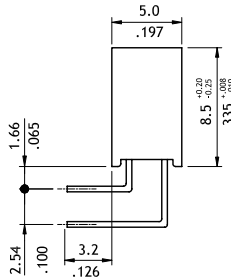
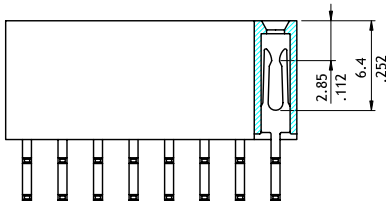
$A = 2.54 * \text{No. of Spaces}$
 $B = A + 3.04$



Recommended P.C. Board Layout



$A = 2.54 * \text{No. of Spaces}$
 $B = A + 3.04$



Recommended P.C. Board Layout

Ordering Code

①	②	③	④	⑤	⑥
CB 9 1	8 0	2	V	1	0 0

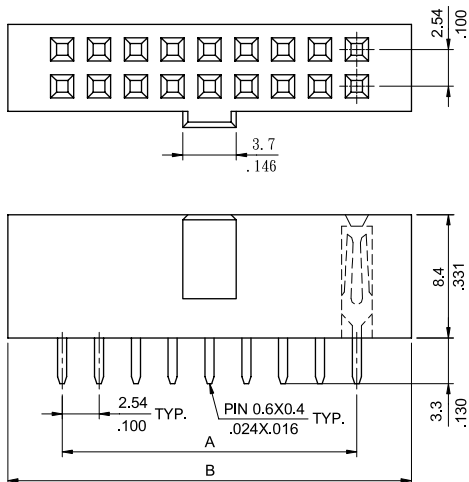
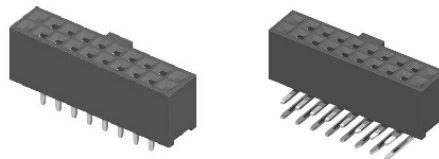
- ① Series No.
- ② No. of Circuits: 04 ~50, 60, 64, 66, 80
- ③ Plating Code : 2 = Gold flash over Nickel
- ④ Tail Style: V = Vertical
H = Right Angle

- ⑤ Color: 1 = Black
- ⑥ Other Options:
00 = Standard
*Special options consult manufacturer

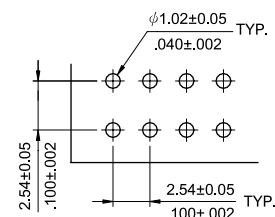
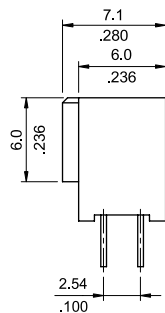
CB94 Series 2.54mm(.100") Dual Row Female Headers

© Mates with CH81, CH84, CH85, CH87 and CH88 series

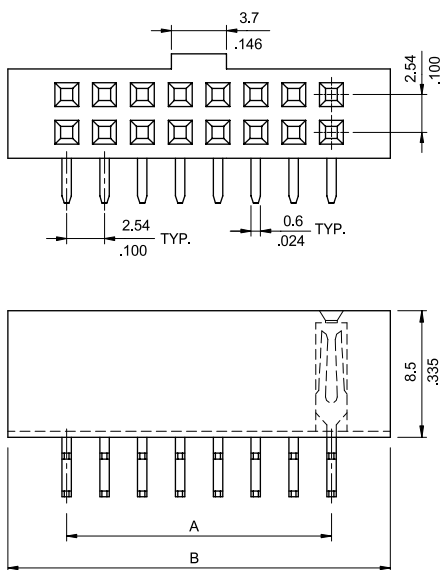
RoHS Compliant



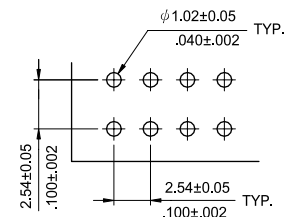
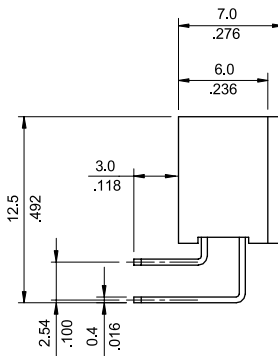
A = 2.54 * No. of Spaces
B = A + 7.34



Recommended P.C. Board Layout



A = 2.54 * No. of Spaces
B = A + 7.34



Recommended P.C. Board Layout

Ordering Code

①	②	③	④	⑤	⑥
CB94	64	2	V	1	00

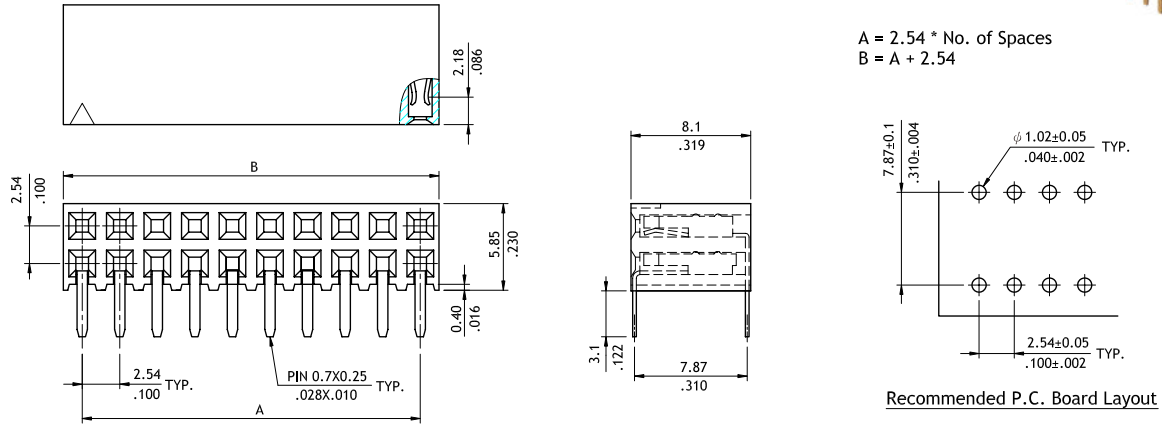
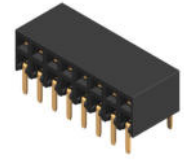
- ① Series No.
- ② No. of Circuits: 06 ~ 64
(Available: 6,8,10,12,14,16,20,24,26,30,34,40,50,60,64)
*Circuits not found above please consult manufacturer

- ③ Plating Code : 2 = Gold flash over Nickel
- ④ Tail Style: V = Vertical
H = Right Angle
- ⑤ Color: 1 = Black
- ⑥ Other Options: 00 = Standard
*Special options consult manufacturer

CB97 Series 2.54mm(.100") Dual Row Side Entry Female Headers

⊙ Mates with CH81, CH82, CH83 and CH84 series

RoHS Compliant



Ordering Code

①	②	③	④	⑤	⑥
CB 9 7	4 0	2	H	1	0 0

- ① Series No.
 - ② No. of Circuits: 04 ~ 40
 - ③ Plating Code : 2 = Gold flash over Nickel
 - ④ Tail Style: H = Right Angle
 - ⑤ Color: 1 = Black
 - ⑥ Other Options : 00 = Standard
- *Special options consult manufacturer

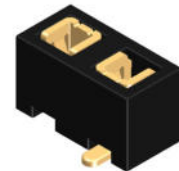
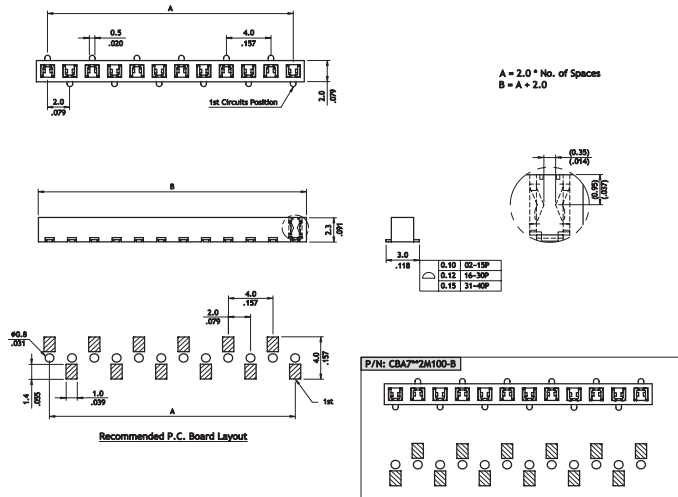
CBA7 Series 2.00mm(.079") Single Row Female Headers

⊙ Mates with CH71, CH72 and CH75 series

P/N: CBA7™2M100-A

RoHS Compliant

NEW



Ordering Code

①	②	③	④	⑤	⑥	⑦	⑧
CBA 7	1 2	2	M	1	R	A	- A

- ① Series No.
- ② No. of Circuits: 2~40
- ③ Plating Code: 2 = Gold flash over Nickel
- ④ Tail Style: M = SMT Type
- ⑤ Color: 1 = Black
- ⑥ Packing Option :
R = Reel Packing , with pick and place PAD
- ⑦ Option : A = With Pegs
- ⑧ Option : A = A Type
B = B Type

CGB1 Series Pogo Pin Connectors

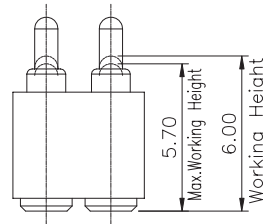
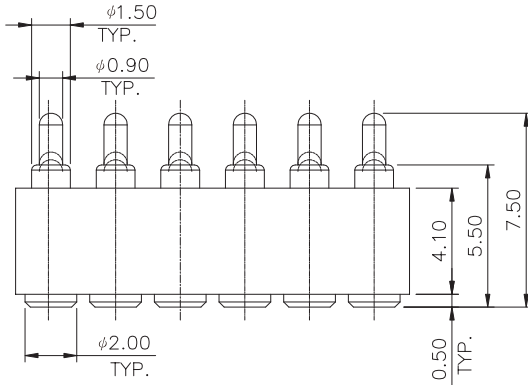
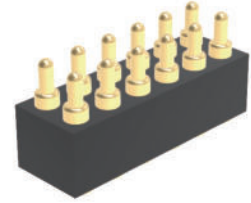
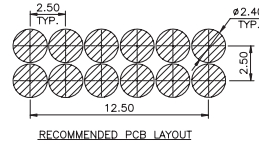
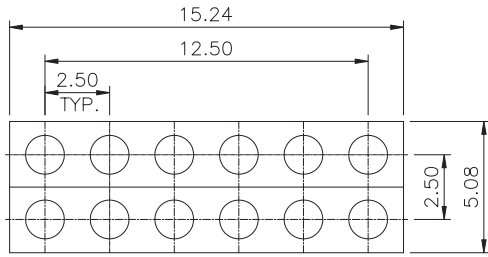
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<p>HIGH POWER TYPE</p>																							

CB

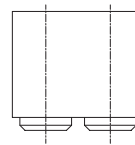
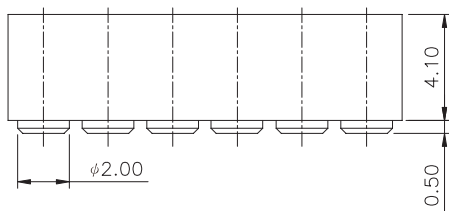
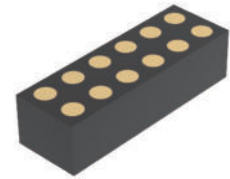
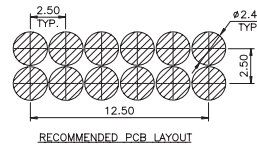
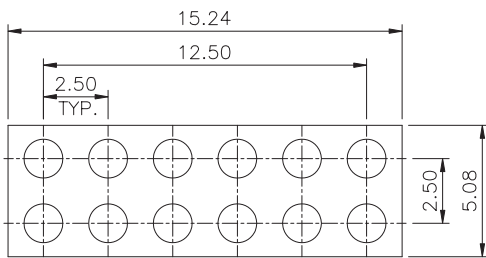
BOARD TO BOARD CONNECTORS

NEW

P/N CGB1**P**M000-LF



P/N CGB1**S**M000-LF



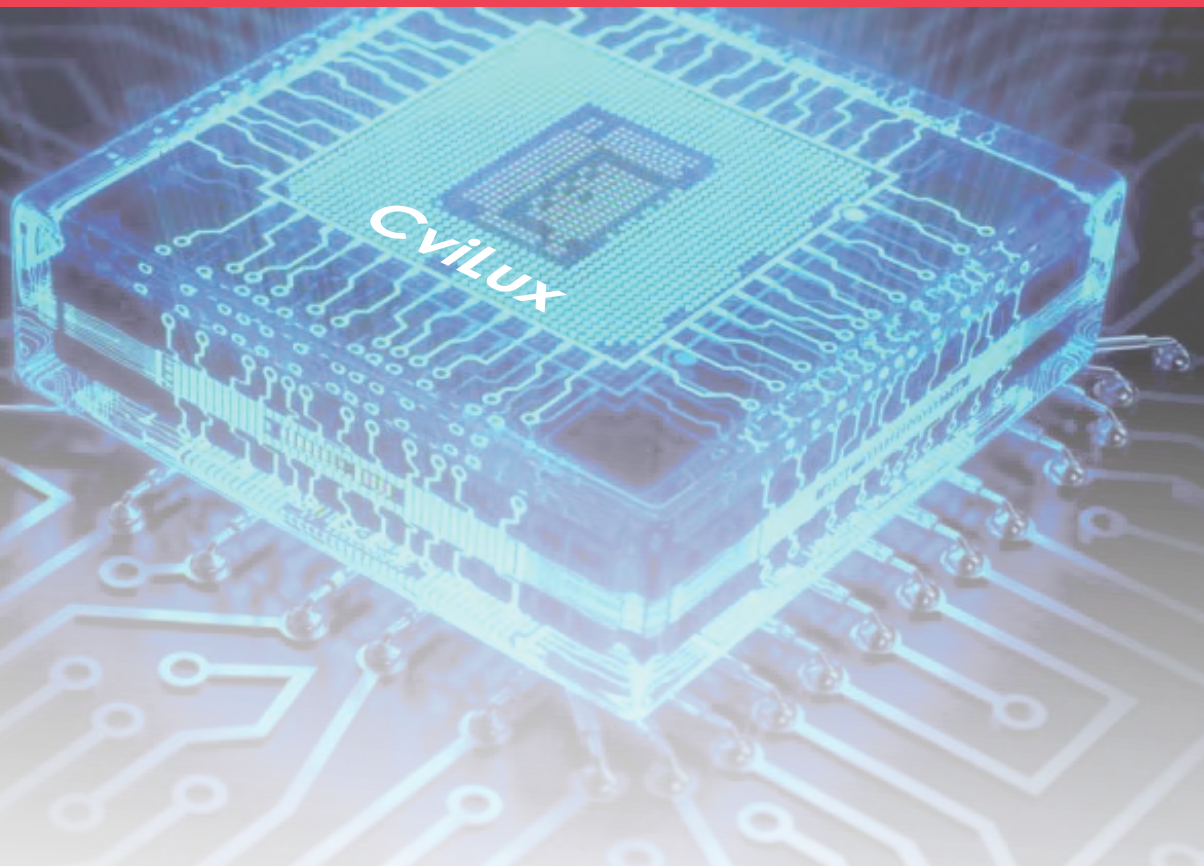
Ordering Code

① C ② GB1 ③ 12 ④ S ⑤ 08 ⑥ M ⑦ 000 - LF

- ① Series No.
- ② No. of Circuits: 12
- ③ S = Receptacle
- ④ Plating Code:
08 = Selective 10μ" Gold flash over Nickel
- ⑤ Tail Style : M = Top SMT Type
- ⑥ Option : 000 = Standard
- ⑦ LF = For Lead Free IR process

① C ② GB1 ③ 12 ④ P ⑤ 8 ⑥ 8 ⑦ M ⑧ 000 - LF

- ① Series No.
- ② No. of Circuits: 12
- ③ P = Plug
- ④ Plunger Plating Code:
8 = Selective 10μ" Gold flash over Nickel
- ⑤ Barrel Plating Code:
8 = Selective 10μ" Gold flash over Nickel
- ⑥ Tail Style : M = Top SMT Type
- ⑦ Options :000= Standard
- ⑧ LF = For Lead Free IR process



CVILUX PATENT, CERTIFICATE, AWARD

CviLux R&D strength means maximizing our patents, awards and international standard of QC and certificates. We challenge our worldwide granted and pending patents listed as follows (- Oct., 2021) :

- Taiwan : 157 patents granted and pending
- China : 116 patents granted and pending
- USA : 10 patents granted and pending
- Japan : 3 patents granted and pending



CviLux Technology
(Suzhou) Co., Ltd.



Anhui CviLux Technology
Co., Ltd.



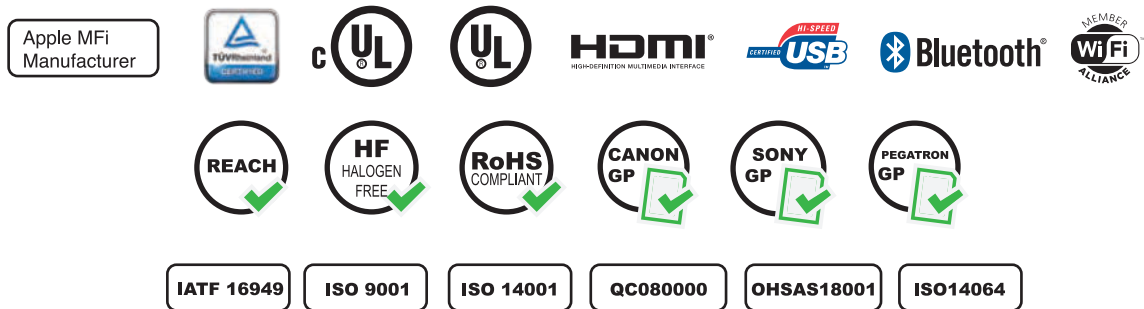
CviLux Lao Co., Ltd.

Marketing Site

CviLux Corporation
 CviLux Technology (Shenzhen) Corporation
 CviLux USA Corporation
 CviLux Opro9 Europe B.V.
 CviLux SDN BHD
 CviLux JAPAN Office
 CviLux KOREA Corporation
 CviLux QINGDAO Office
 CviLux XIAMEN Office
 Allsor Technology Corporation
 Allsor Electronics Co., Ltd.
 CviCloud Corporation
 CviCloud (SZ) Limited

Factory Site

Taiwan
 CviLux Corporation
 South China
 CviLux Electronics (Dongguan)Co., Ltd.
 Dongguan Qunhan Electronics Co., Ltd.
 East China
 CviLux Technology (Suzhou) Co., Ltd.
 West China
 CviLux Technology (Chongqing) Co., Ltd.
 Central China
 Anhui CviLux Technology Co., Ltd.
 Lao
 CviLux Lao Co., Ltd.



Taiwan South China (Dongguan) South China (Qunhan) East China West China Central China Lao

