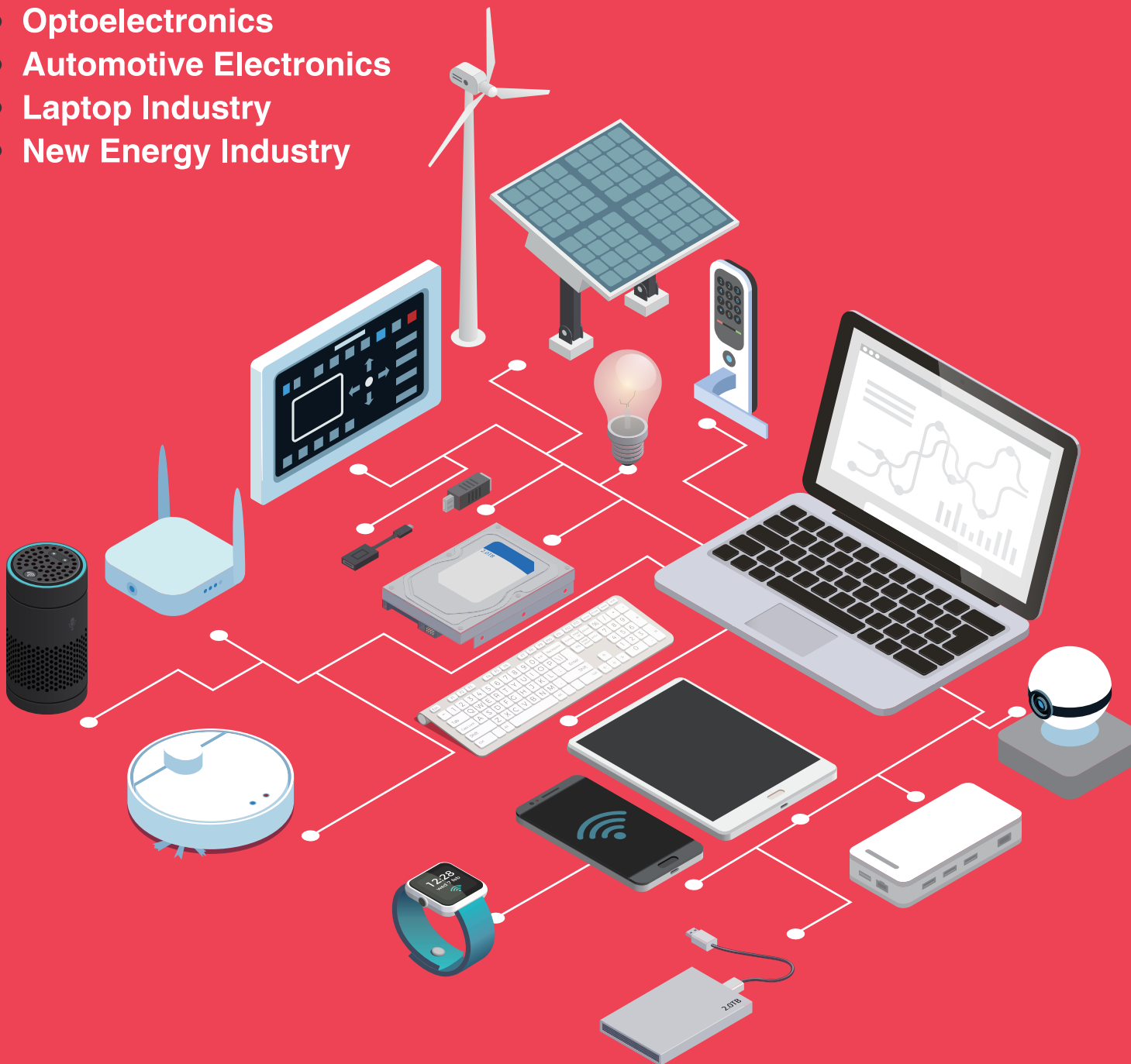


2022 Connector Specialist *General Catalogue*

CONNECT THE WORLD CONNECT THE FUTURE

- Smart Home
- Networking
- Optoelectronics
- Automotive Electronics
- Laptop Industry
- New Energy Industry



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.

TERMS & CONDITIONS

Sample Request

Samples will be dispatched out by freight collected courier against prices approved by customers.

Tape & Reel Request

T/R available, please consult manufacturer for details.

Quotation Validity

Quoted prices are based on current selling prices and will be valid within 6 months from issued date. CviLux reserves the right to adjust quoted prices any time in response to International raw material costs or simply error correction on typing.

Export Payment Terms

Standard term is T/T in advance. Payment term extension application to be approved by CviLux individually.

Minimum Package Quantity

Customer order quantity should meet our minimum package quantity for purpose of inventory control and speeding up for delivery.

Minimum Order Quantity

To smooth production process, please place orders to meet our MOQ based on different products.

Delivery Term

(A) Air shipment amount over USD 5000/ EURO 4500
F.C.A. Taiwan/H.K./ Shanghai.

(B) Air shipment amount less than USD 5000 / EURO 4500:
F.C.A. Taiwan/H.K./ Shanghai + handling charge USD 350/
EURO 310 or EXW without handling charge.

(C) Sea shipment amount over USD 12000/ EURO 11000:
F.O.B. Taiwan/H.K./ Shanghai.

(D) Sea shipment amount less than USD 12000/ EURO 11000: F.O.B. Taiwan/H.K./Shanghai + handling charge USD 350/ EURO 310 or EXW without handling charge. CviLux reserves the right to adjust handling charge to reflect actual transportation cost and exchange rate if any necessary.

Time of Delivery

All delivery dates quoted are estimated, are not guaranteed and do not form a term of contract, while every endeavor will be made to comply with these dates, CviLux shall have no liability for any delay in dispatch or delivery.

Placing Orders

Please place a formal order by fax, e-mail. Verbal Phone orders will not be accepted or entered into our system. place a formal order by fax, e-mail. Verbal phone orders will not be accepted or entered into our system.

Orders Cancellation and Changes

Customer's orders' cancellation or changes should be informed in 3 days after orders placing. Any unrecoverable manufacturing cost raised by the cancellation and changes will be charged to the customers.

Shipping

Special shipping instruction will be followed whenever possible. If no special demand of shipping, we will deliver the shipment to you with the "best way."

Constant Product Improvement

The products supplied may not be agreed in all details with description and illustrations. Product specifications are subject to constant improvement.

Guarantee

All "non-customized" parts from CviLux Corporation are unconditionally guaranteed for 30 days from the date of shipment.

Warranty

CviLux Corporation warrants the materials and workmanship of its products for 80 days from the date of shipment.

Returned Goods

Any defects or errors for which we are responsible will be promptly rectified. Approval for return of goods must be requested by CviLux. All products returned must have been purchased from CviLux Corporation within 6 months from the date of invoice, and must be packed and shipped in clean and re-saleable condition. Credit for returned goods shall only be allowed by receiving CviLux official credit notes after above requirements have been met

Force Majeure

CviLux shall have no liability in respect of failure to deliver or per form or delay in delivering or performing any obligations to the customer, due to any cause of whatsoever nature outside of the reasonable control of the seller including but not limited to causes arising from acts or omissions of the customer.

Export Control Regulations

Some or All of the goods supplied by CviLux may be subject to export control regulations. Such goods may not be exported by the customer without prior approval of the relevant authorities. It is the responsibility of the customer to obtain such approval. Under no circumstances shall the seller be liable for any loss or damages incurred by the customer as a result of customer's contravention of any export control regulations.



Wire to Board & Cable Assembly



Power Connectors



Pin Headers



FFC/ FPC Connectors



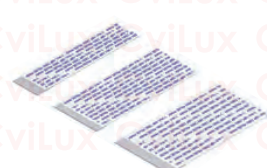
RF Connectors



D-SUB Connectors



FFC



USB Type C Connectors & Cable





Wire to Board & Cable Assembly



Pin Headers



FFC/ FPC Connectors & FFC



RF Connectors



D-SUB & Combo D-SUB



Telephone Jacks



USB Type C Connectors & Cable



Mini PCI-E

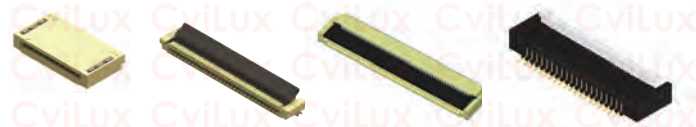




Wire to Board Connectors & Harness Cable



FFC/FPC Connectors



FFC & LVDS FFC



Power Connectors

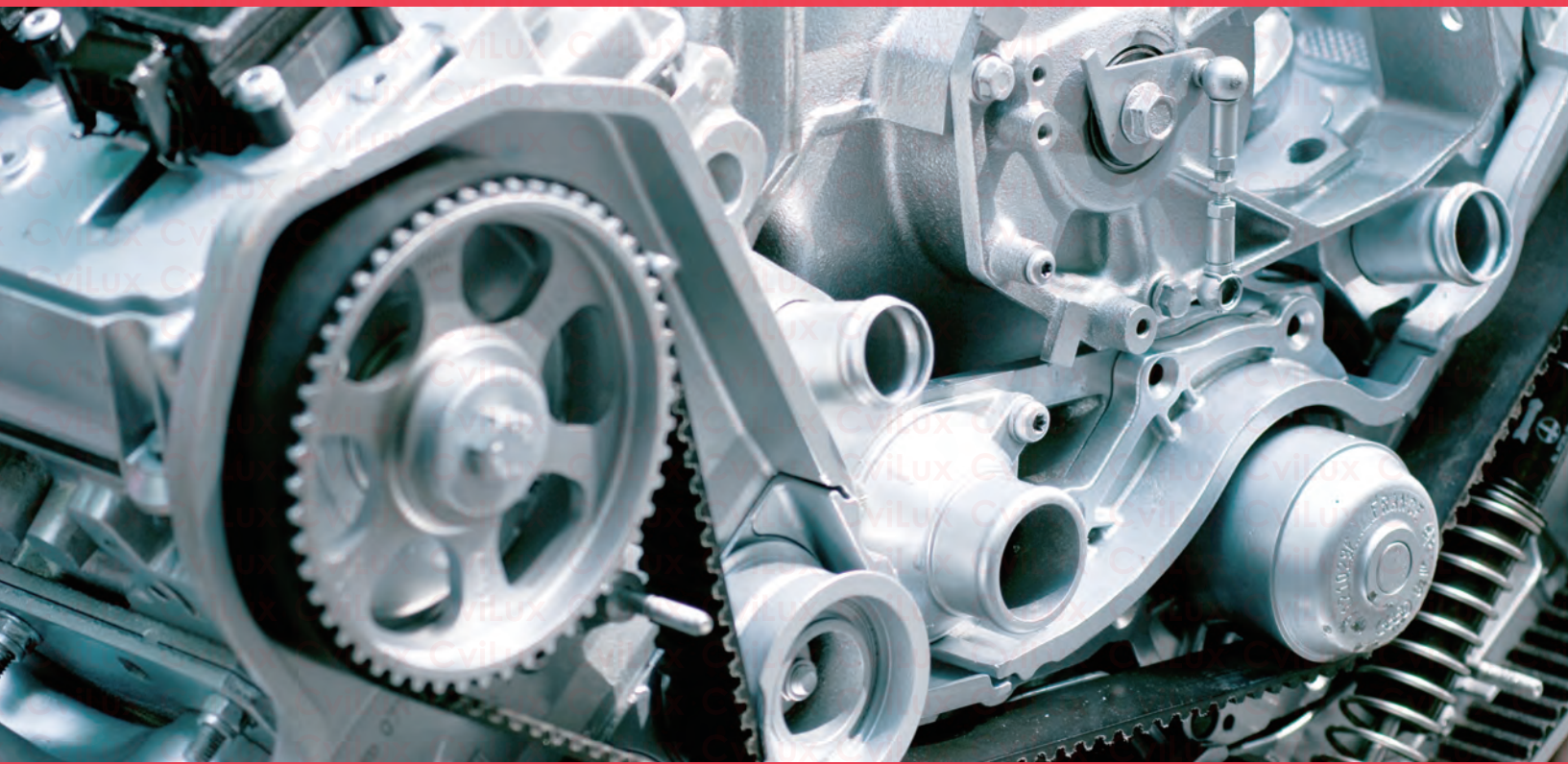


LED Holder

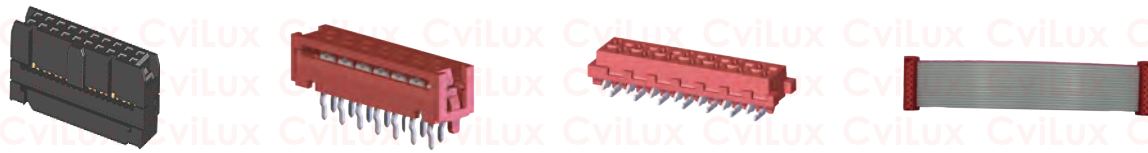


USB Type C Connectors & Cable





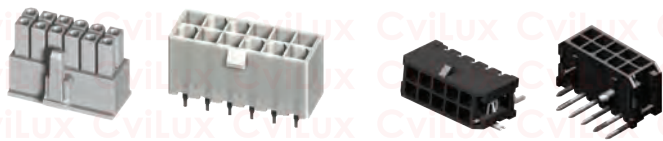
IDC Connectors & Cable



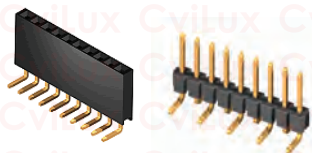
FFC/FPC Connectors & FFC



Power Connectors



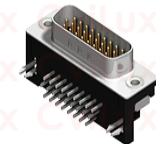
Pin Headers



BTB Connectors



D-SUB



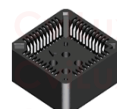
USB Type C Connectors & Cable



USB



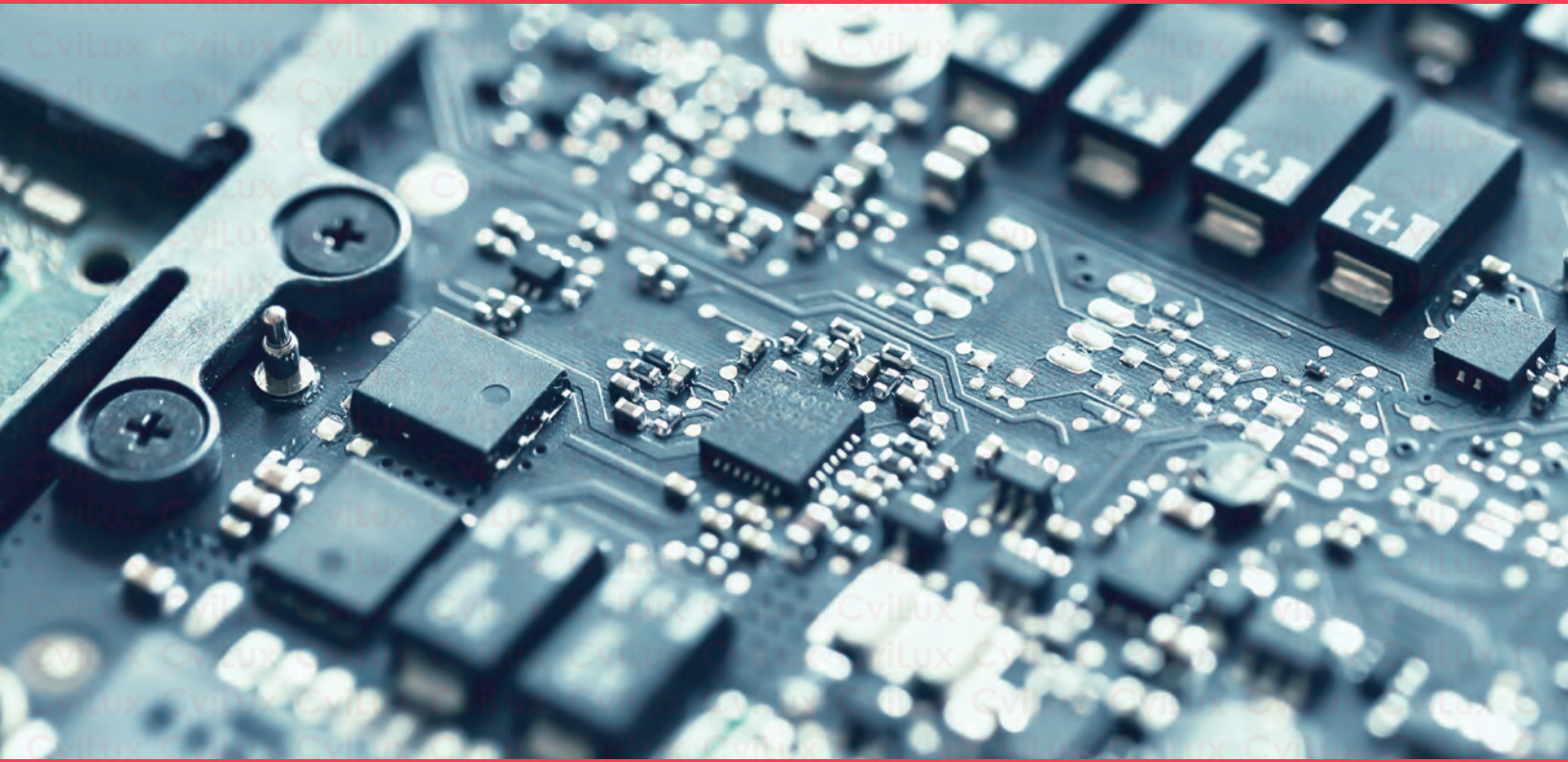
IC socket



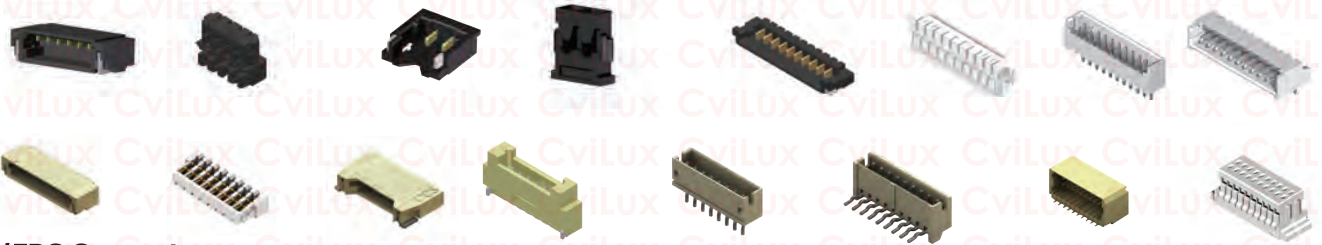
Jumper



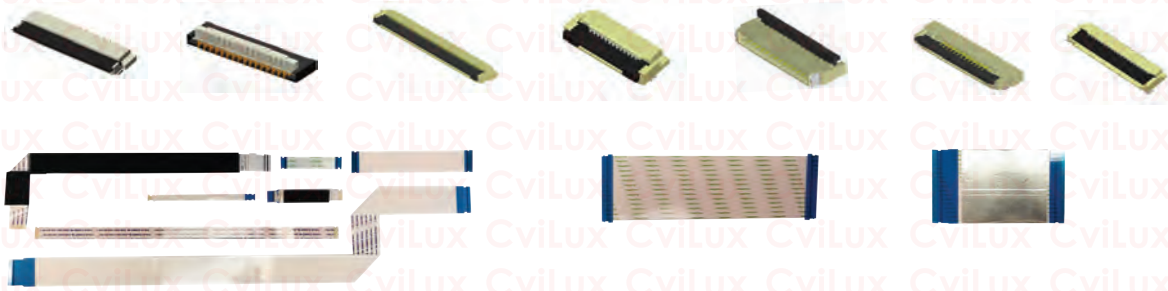
Laptop Industry



Wire to Board Connectors



FFC/FPC Connectors



BTB Connectors



LVDS Connectors



USB Type C Connectors



I/O Connectors

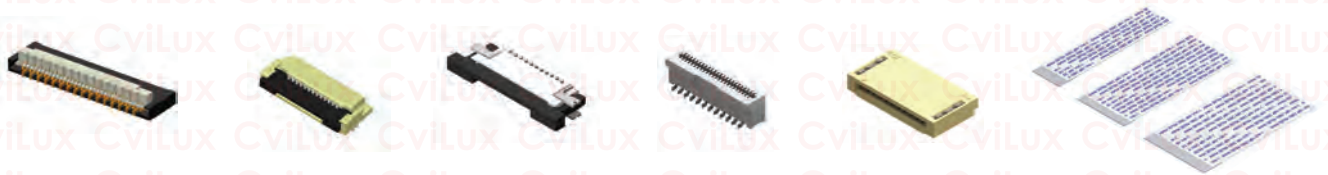




Wire to Board Connectors



FFC/FPC Connectors & FFC



BTB Connectors



I/O Connectors



USB Type C Connectors



USB Type C Cable



PRODUCT CATEGORY



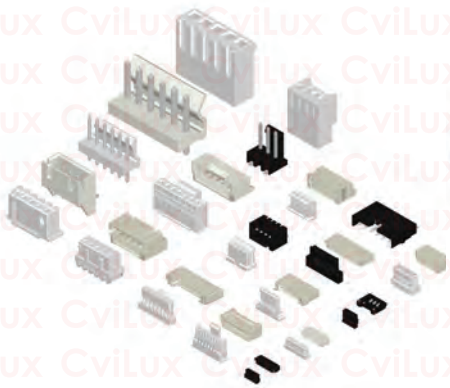
FFC / FPC Connectors



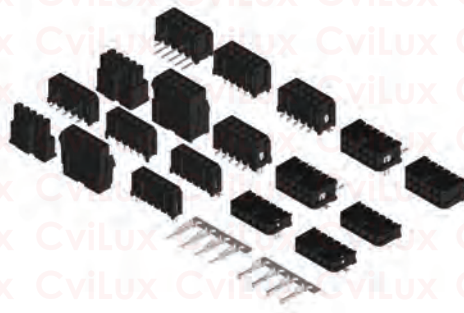
FFC and LVDS Cables



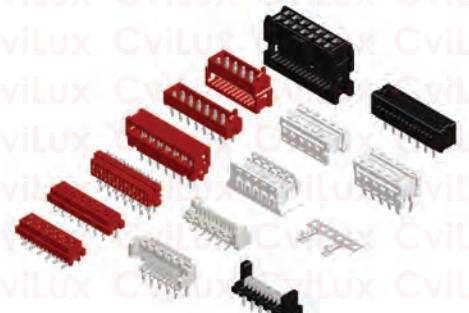
LVDS Connectors



Wire to Board Connectors



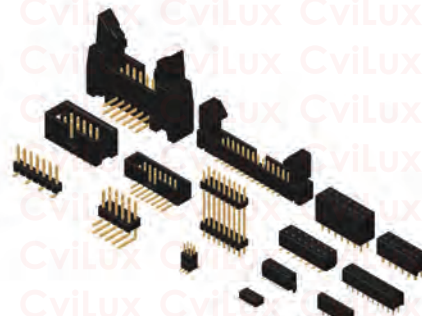
Power Connectors



IDC Connectors



Board to Board Connectors



Pin Headers



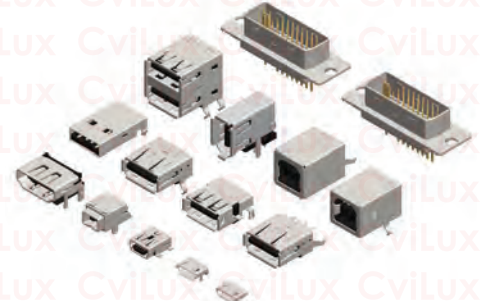
Socket Connectors



**D-SUB and
Combo D-SUB Connectors**



Modular Jack Connectors



I/O Connectors



USB Type C Connectors



**RF Microwave
Coaxial Connectors & Cable**



Pogo Pin Connectors



**Fiber Optical Connector
& Cable**



PCBA



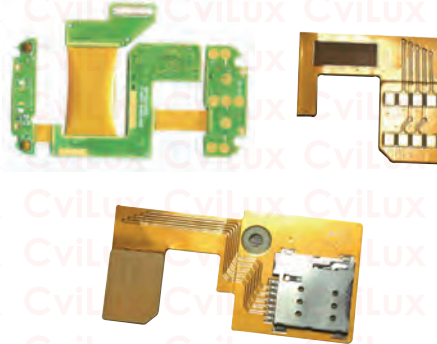
Module

PRODUCT CATEGORY

PI High Temperature Film FFC



Cable with PCBA Assemblies



IDC Cable Assemblies



Type C Cable & Adapter



Lightning Cable



HDMI AOC Cable



STATEMENT OF ENVIRONMENTAL FRIENDLY POLICY

As members of global community, we should all be aware of limited resource consumption and increasing pollution's impact to earth. Our next generation and living animals could live in a dangerous environment without our efforts. Because of this, CviLux Corporation commits to provide environmental friendly products to its clients by using less energy and efficient production. CviLux spirit is to preach such green mind to all the employees and partners who are working closely with us.

Definition:

RoHS Compliant and Lead Free Soldering Process

This letter is released to explain the difference between RoHS compliant and Lead Free Soldering Process. These terms confused R&D designers a lot when they need to select right components and processes for their designs. With this letter, we hope to minimize the confusion and clarify these terms to any one who is interested in this topic.

- RoHS compliant: Indicates raw material of product contained forbidden material within the limitation defined by RoHS directive 2011/65/EU & 2015/863/EU.

- Lead Free Soldering Process: Indicates products themselves can stand specific soldering profile such as J-STD-020C/D or SS-00254.

Currently, there are still no fixed lead free soldering process can be adopted to all kinds of components. For SMT components, the most widely used norms are J-STD-020C/D and SS-00254. As for THT components, JESD22-B106C is the most popular one. CviLux has already set these norms as the standard processes to follow. The details of related soldering temperature of above norms can be found in CviLux product specifications.

Besides, there is still one important concept- It is not a must for RoHS compliant components to adapt Lead Free soldering process. In some cases, it is possible that components are RoHS compliant but not available for lead free soldering process. On the contrary, components available for lead free soldering process are always RoHS compliant. One obvious example is that when cable assemblies can meet RoHS standard, it refers to that the raw materials are environmental friendly only but nothing related to lead free soldering process. PCB components apply the same to the above.

Halogen Free

Halogens are 5 non-metallic elements in group VIIA of the periodic table Fluorine, Chlorine, Bromine, Iodine, Astatine.

Halogens exists, at room temperature, in all three status, Solid (Iodine, Astatine), Liquid (Bromine) and Gas (Fluorine, Chlorine). Currently, only 2 of these 5 elements are normative by IEC, which are Cl and Br.

Why does Halogen Free become new challenges to connector manufacturers? Because the common used connector raw materials like PA66 and PBT are without fire resistance characteristic originally, to strengthen fire resistance characteristic in connector raw materials, Brominated Flame Retardants are used as additive.

However, with more and more emphasis on the importance of Halogen Free products, the use of Brominated Flame Retardants becomes more and more difficult and is restricted by content. To adapt this world wide trend, CviLux has had set its standard of Halogens Free policy according to IEC 61249-2-21 and produce the products since Jan. 2008.

- 900 ppm maximum Cl.
- 900 ppm maximum Br.
- 1500 ppm total Halogens.

Meanwhile, as the research of alternative materials/solutions for better performance plastics is progressing, CviLux will take part in this trend and provide its customers with latest technical support.

Requirement for install

© Android 7.0 above, iOS 9 above.

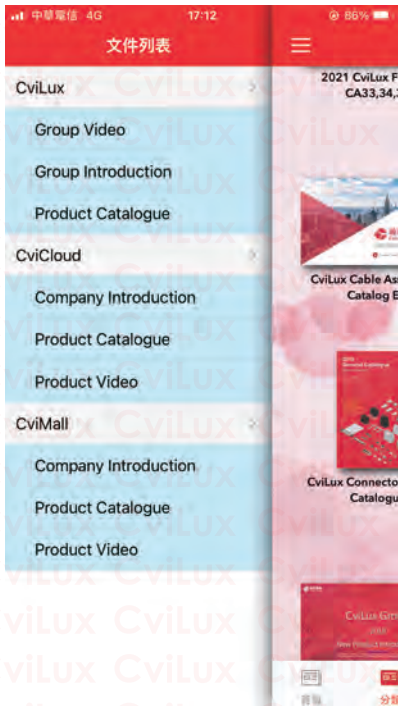
Step 1.
iOS/Google Play Key Word Search:
CVILUX



Step 3.
General Catalogue



Step 2.
Download E- Catalogue on the shelf



RoHS Compliant : RoHS Compliant

: TUV Certified

: UL Certified

: Lead-Free soldering process available

: Halogen-Free

Series	Pitch(mm/inch)	Description	
A. FFC / FPC Connectors			
System CF		Construction of Connector	1
		Connection Combinations of Connector and FFC Cable	2
CF58	0.30(.012")	H=0.90 SMT ZIF FFC/FPC Connectors(Back Lock)	4
CF38	0.30(.012")	H=1.00 SMT ZIF One-Touch FFC/FPC Connectors	5
CF30	0.30(.012")	H=1.25 SMT ZIF One-Touch FFC/FPC Connectors	6
CF86	0.50(.020")	H=0.90 ZIF Side Entry SMT Type FFC/FPC Connectors	7
CF42	0.50(.020")	H=0.96 SMT ZIF One-Touch FFC/FPC Connectors (Back Flip)	8
CF35	0.50(.020")	H=0.96 SMT ZIF One-Touch FFC/FPC Connectors	10
CF87	0.50(.020")	H=0.98 ZIF Side Entry SMT Type FFC/FPC Connectors (Back Flip)	13
CF92	0.50(.020")	H=1.22 SMT ZIF One-Touch FFC/FPC Connectors	14
CF55	0.50(.020")	H=1.25 SMT ZIF One-Touch FFC/FPC Connectors	15
CF88	0.50(.020")	H=1.57 ZIF Side Entry SMT Type FFC/FPC Connectors (Back Flip)	16
CF69	0.50(.020")	H=1.75 SMT LIF One-Touch FFC/FPC Connectors	17
CF39	0.50(.020")	SMT One - Touch FFC/FPC Connectors	18
CF75	0.50(.020")	SMT One-Touch FFC/FPC Connectors	19
CF82	0.50(.020")	H=2.00 SMT ZIF One-Touch FFC/FPC Connectors	20
	1.00(.039")	H=2.00 SMT ZIF One-Touch FFC/FPC Connectors	21
CF76	0.50(.020")	H=2.10 SMT LIF FFC/FPC Connectors	22
CF85	0.50(.020")	H=2.20 SMT ZIF One-Touch FFC/FPC Connectors	23
CF90	0.50(.020")	H=2.20 ZIF FFC/FPC Connectors	24
CF50	0.50(.020")	H=1.46 SMT ZIF One-Touch FFC/FPC Connectors	25
	1.00(.039")	H=1.46 SMT ZIF One-Touch FFC/FPC Connectors	28
CF61	0.50(.020")	H=1.75 SMT ZIF One-Touch FFC/FPC Connectors	32
CF31	0.50(.020")	H=1.95 SMT ZIF One-Touch FFC/FPC Connectors	33
	1.00(.039")	H=1.95 SMT ZIF One-Touch FFC/FPC Connectors	34
CF34	0.50(.020")	H=1.95 SMT ZIF One-Touch FFC/FPC Connectors	36
CF25	0.50(.020")	H=2.20 SMT ZIF One-Touch FFC/FPC Connectors	38
	1.00(.039")	H=2.20 SMT ZIF One-Touch FFC/FPC Connectors	40
CF11	0.50(.020")	H=2.70 SMT ZIF One-Touch FFC/FPC Connectors (Back Flip)	42
	1.00(.039")	H=2.70 SMT ZIF One-Touch FFC/FPC Connectors (Back Flip)	43
CF23	0.50(.020")	H=1.20 SMT ZIF FFC/FPC Connectors	45
	1.00(.039")	H=1.20 SMT ZIF FFC/FPC Connectors	46
CF20	0.50(.020")	H=2.00 SMT ZIF FFC/FPC Connectors	47
	0.50(.020")	H=3.90 SMT ZIF Vertical FFC/FPC Connectors	48
	1.00(.039")	H=2.00 SMT ZIF FFC/FPC Connectors	49
CF27	0.50(.020")	H=1.20 SMT LIF FFC/FPC Connectors	50
	1.00(.039")	H=1.20 SMT LIF FFC/FPC Connectors	51
CF24	0.50(.020")	H=4.20 SMT LIF Vertical FFC/FPC Connectors	52
CF95	0.80(.031")	H=1.50 SMT ZIF FFC/FPC Connectors (Back Flip)	53
CF84	0.80(.031")	H=1.57 SMT ZIF FFC/FPC Connectors (Back Flip)	54
CF32	0.80(.031")	H=1.95 SMT ZIF One-Touch FFC/FPC Connectors	55
CF37	0.80(.031")	H=1.95 SMT ZIF One-Touch FFC/FPC Connectors	56
CF07	1.00(.039")	H=2.60 SMT ZIF FFC/FPC Connectors	57
CF08	1.00(.039")	H=2.60/3.55 SMT LIF & SMT LIF Vertical FFC/FPC Connectors	58
CF09	1.00(.039")	H=2.60/5.50 DIP LIF FFC/FPC Connectors	59

CF73	1.00(.039")	H=3.30 SMT ZIF One-Toach FFC-FPC Connectors	60
CF10	1.00(.039")	H=3.80/5.00 DIP ZIF FFC/FPC Connectors	61
		H=5.20 SMT ZIF FFC/FPC Connectors	62
CF16	1.00(.039")	H=3.80/5.00 DIP LIF FFC/FPC Connectors	63
		H=3.80/5.20 SMT LIF FFC/FPC Connectors	64
CF12	1.25(.049")	H=4.00/6.80 DIP LIF FFC/FPC Connectors	65
B. Flat Flexible Cables & LVDS FFC Cables			
System FFC	Introduction		66
		Features & Applications & Connections	67
		Ordering Code & Terminal Types table	68
		Shape, Construction and Dimensions	69
		Feature & Caution	70
		Performance	71
CFF / CFE		Flat Flexible Cable Assemblies - LVDS FFC Cable	72
FFCA	2.54(.100")	Flat Flexible Cable Assemblies	73
C. LVDS Connectors			
CVS1	0.50(.020")	LVDS H=3.70 Socket Connectors for TV	74
CVS3	0.50(.020")	LVDS M/H=2.00 Socket Connectors for Notebook	75
CVS5	0.50(.020")	LVDS M/H=4.00 Socket Connectors for Notebook	76
CVSC	1.00(.039")	LVDS H=2.35 Socket Connectors for TV/Monitor	77
CVS7	0.50(.020")	LVDS M/H=1.05 Socket Connectors	79
D. Wire to Board Connectors			
System CI		Connection Combination of Wire to Board Connectors	80
CI20	0.60(.024")	Wire to Board Connectors Housing & SMT Headers	81
CI18	0.80(.031")	Wire to Board Connectors Housing & SMT Headers	82
CI11	1.00(.039")	Single Row Wire to Board Connectors Housing & Terminal	83
		Single Row Wire to Board Connectors SMT Headers	84
		Dual Row Wire to Board Connectors Housing & Terminal	85
		Dual Row Wire to Board Connectors SMT Headers	86
CI16	1.00(.039")	Wire to Board Connectors Housing & Terminal	87
		Wire to Board Connectors SMT Headers	88
CI14	1.00(.039")	Wire to Board Connectors Housing & Terminal	89
		Wire to Board Connectors SMT Side Entry Headers	90
		Wire to Board Connectors Housing & SMT Side/Top Entry Headers	91
CI63	1.20(.048")	Wire to Board Connectors Housing & Terminal & SMT Headers	94
	1.20(.048")	Wire to Board SMT Headers	95
CI40	1.25(.049")	Wire to Board Housing & Terminal	96
		Wire to Board SMT Headers	97
CI42	1.25(.049")	Wire to Board Housing & Terminal	98
	1.25(.049")	Wire to Board SMT Header	99
CI43	1.25(.049")	Wire to Board Connectors Housing & Terminal & SMT Headers	100
CI44	1.25(.049")	Wire to Board Connectors Housing & Terminal	101
		Wire to Board Connectors DIP Headers	102
		Wire to Board Connectors SMT Headers	103
CI45	1.25(.049")	Wire to Board Connectors Housing & SMT Headers	104
CI46	1.25(.049")	Wire to Board Connectors Housing & Terminal	105
		Wire to Board Connectors SMT Headers	106
CIDL	1.25(.049")	Wire to Board Connectors	107
CI15	1.50(.059")	Wire to Board Connectors Housing & Terminal	108
		Wire to Board Connectors DIP & SMT Headers	109

		Wire to Board Latch Type Housing & SMT Headers	110
CI19	1.50(.059")	Wire to Board Connectors Housing & Terminal	112
		Wire to Board Connectors SMT Headers	113
CI87	1.50(.059")	Wire to Board Connectors Housing & Terminal & SMT Headers	114
CIDW	1.50(.059")	Single Row Wire to Board Housing & Terminal	115
		Wire to Board Connectors SMT Headers	116
CIEJ	1.50(.059")	Single Row Wire to Board Housing & Terminal	117
		Single Row Wire to Board SMT Headers	118
CI07	1.80(.071")	Wire to Board Connectors Housing & Terminal	119
		Wire to Board Connectors SMT Headers	120
CI01	2.00(.079")	Single Row Wire to Board IDC Housing & Terminal	121
		Single Row Wire to Board Connectors DIP & SMT Headers	123
		Single Row Wire to Board Latch Type Housing & SMT Header	124
		Dual Row Wire to Board Connectors Housing & Terminal	126
		Dual Row Wire to Board Connectors DIP Headers	127
CI02	2.00(.079")	Board In Connectors	128
CI06	2.00(.079")	Wire to Board Connectors Housing & Terminal	129
		Wire to Board Connectors DIP & SMT Headers	130
CI08	2.00(.079")	Wire to Board Connectors SMT & DIP Headers	131
CI10	2.00(.079")	Wire to Board Connectors SMT Headers	132
CIDX	2.00(.079")	Single Row Wire to Board Housing & Terminal	135
		Wire to Board Connectors SMT Headers	136
CIDY	2.00(.079")	Single Row Wire to Board Housing & Terminal	137
		Wire to Board Connectors DIP Headers	138
CID9	2.00(.079")	Single Row Wire to Board Housing & Terminal	139
		Single Row Wire to Board SMT Headers	140
CIEG	2.00(.079")	Single Row Wire to Board Housing & Terminal	141
CIE4	2.00(.079")	Daul Row Wire to Board to Board DIP Headers	143
CI21	2.50(.098")	Wire to Board Connectors Housing & Terminal	144
		Wire to Board Connectors DIP Headers	145
CI22	2.50(.098")	Wire to Board IDC Connectors Housing & Terminal	146
		Wire to Board IDC Connectors Housing & IDC Cable	147
		Wire to Board IDC Connectors Connectors DIP Header	148
CI23	2.50(.098")	Wire to Board Connectors Housing & Terminal	149
		Wire to Board Connectors DIP Headers	150
CI25	2.50(.098")	Wire to Board Connectors Housing & Terminal	151
		Wire to Board Connectors DIP Headers	152
CI26	2.50(.098")	Board In Connectors	153
CI27	2.50(.098")	Board In Connectors	154
CI30	2.50(.098")	Wire to Board Connectors DIP Header	155
CI60	2.50(.098")	Wire to Board Connectors DIP Header & Housing & Terminal	156
CIL4	2.50(.098")	Wire to Board Connectors SMT Headers	157
CI31	2.54(.100")	Wire to Board Connectors Housing & Terminal	158
		Wire to Board Connectors DIP Headers	159
CI32	2.54(.100")	Wire to Board Connectors Housing & Terminal	160
CI34	2.54(.100")	Dual Row Wire to Board Connectors Housing	161
CI33	2.54(.100")	Single Row Wire to Board Connectors Housing	162
		Single Row Wire to Board Connectors DIP Headers	163
		Dual Row Wire to Board Connectors Connectors	164
		Dual Row Wire to Board Connectors	165

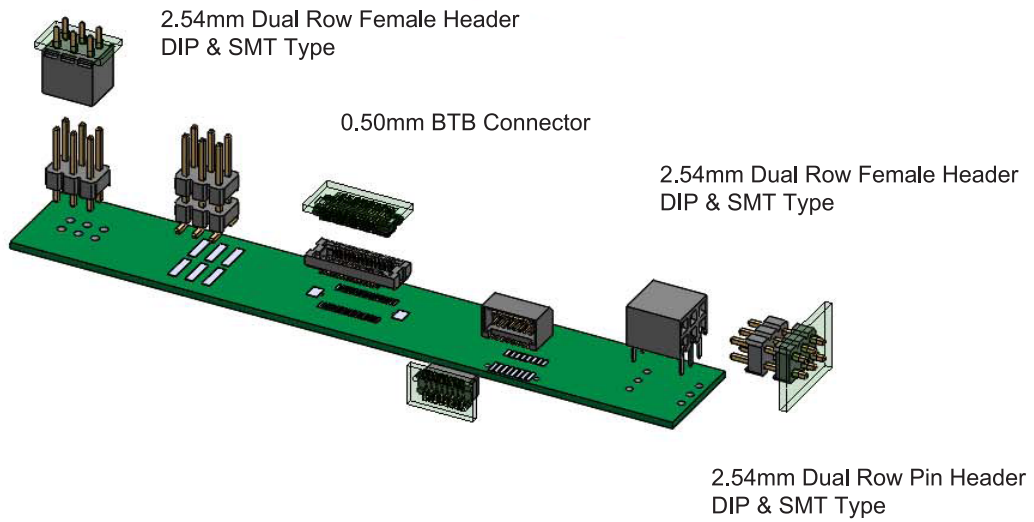
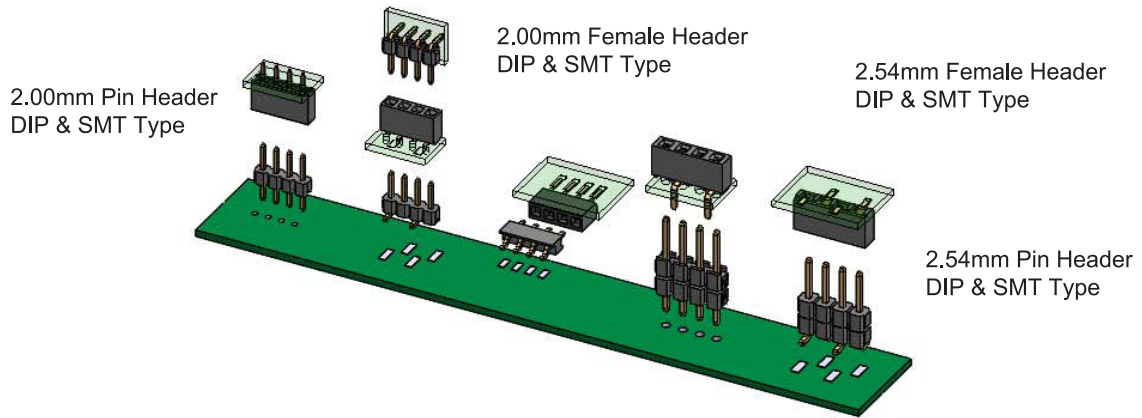
CI35	2.54(.100")	Wire to Board Connectors	166
CI39	2.54(.100")	Wire to Board Connectors SMT Headers	167
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Connection Combination of Board to Board Connectors

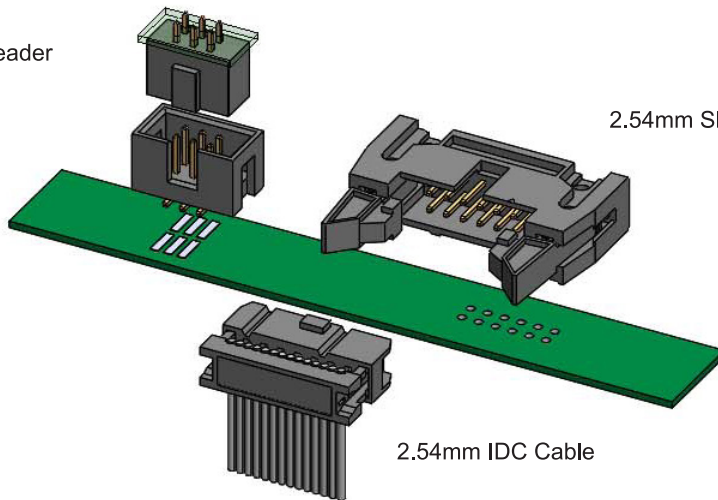


2.54mm Dual Row Pin Header
DIP & SMT Type

2.00mm Female Header
DIP & SMT Type

2.54mm Shrouded Header With Latches

2.00mm BOX Header



CB

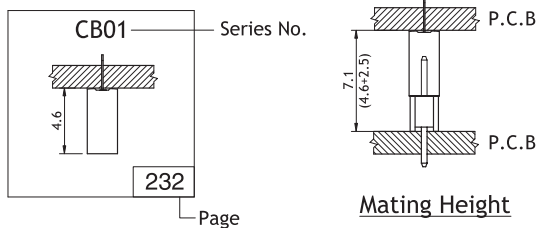
BOARD TO BOARD CONNECTORS

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	 235	 235				
	 233	 233	 233	 233	 233	 233
	 239	 239	 239	 237	 237	

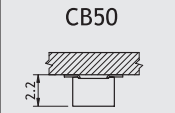
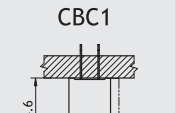
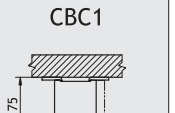
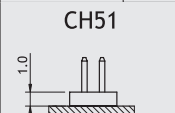
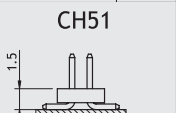
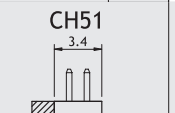
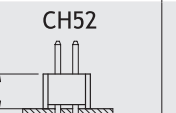
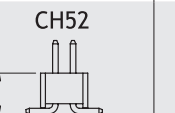
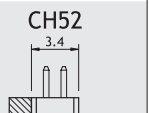
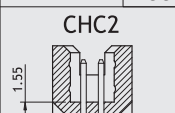
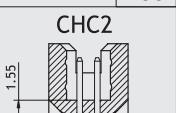
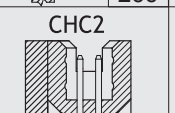
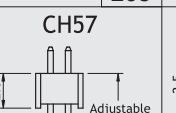
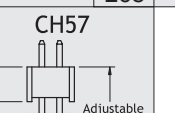
0.80mm Center spacing	1.0mm Center spacing					
Dual Rows Board to Board	 241&260		Single Row Female Header	 242	 261	 261

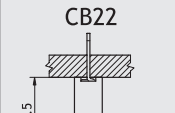
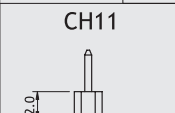
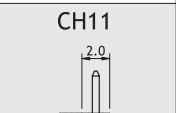
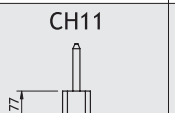
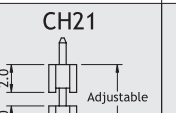
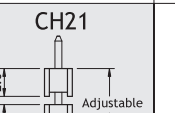
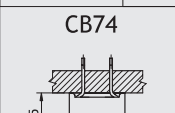
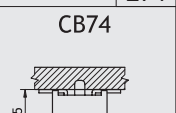
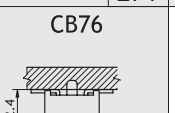
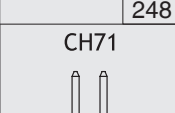
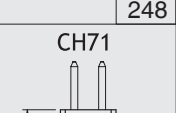
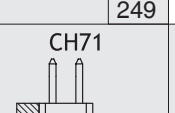
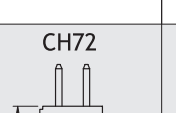
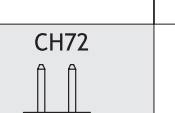
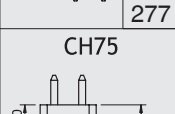
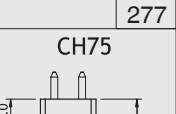
1.27mm Center spacing						
Single Row Female Header	 243	 243				
Single Row Header	 262	 262	 263	 263	 264	 264

CB

BOARD TO BOARD CONNECTORS

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

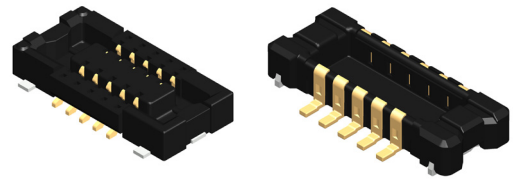
BOARD TO BOARD CONNECTORS

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

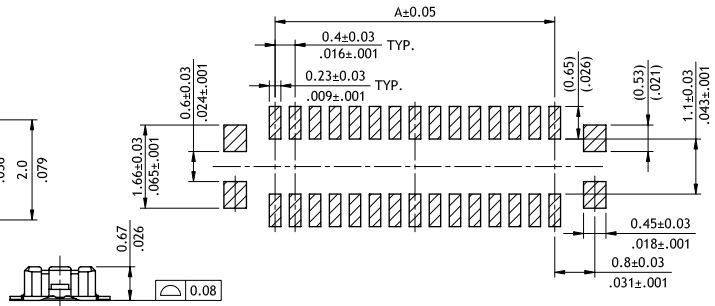
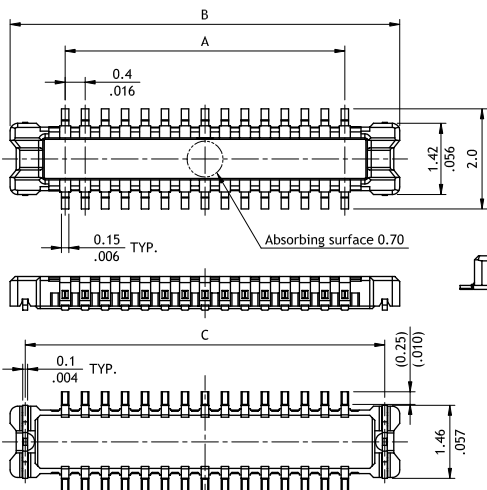
- ⊙ Mating Height 0.8 mm
- ⊙ Insulator : High temperature plastic UL 94V-0 , Color Black



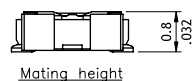
RoHS Compliant



P/N: CBRH***POWF00R0-NH

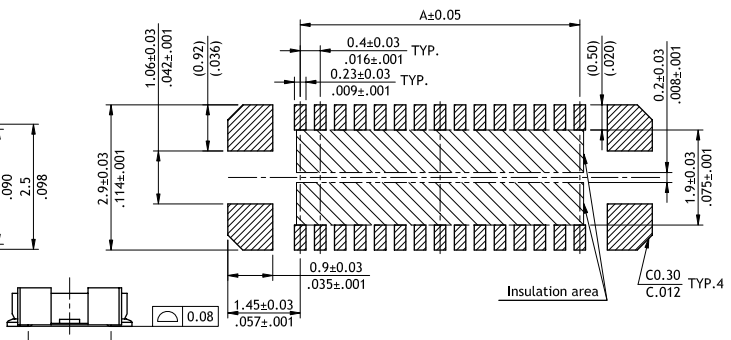
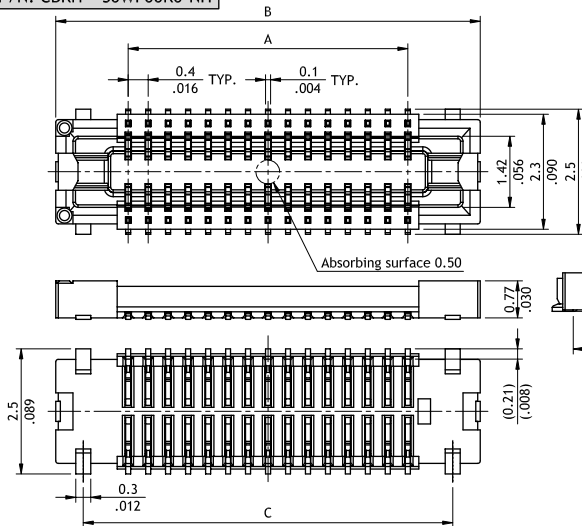


Recommended P.C. Board Layout

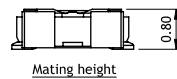


A = 0.4 x No. of Spaces
 B = A + 2.2
 C = A + 1.6

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 ② ③ ④ ⑤ ⑥ ⑦
CBRH 10 P0 W F00 R0 - 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 ② ③ ④ ⑤ ⑥ ⑦
CBRH 10 S0 W F00 R0 - 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

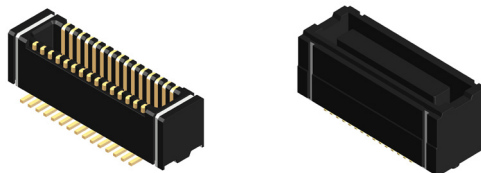
BOARD TO BOARD CONNECTORS

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

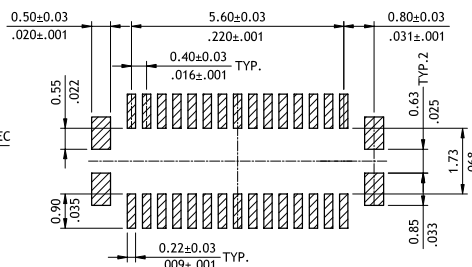
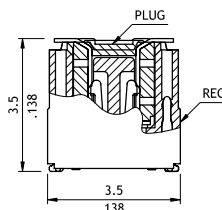
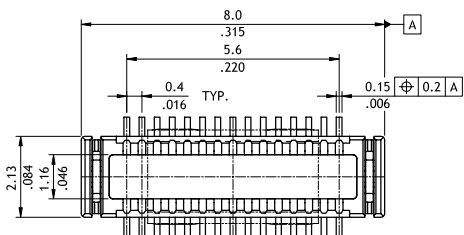
- ⊙ Mating Height 3.5mm
- ⊙ Insulator : High temperature plastic UL 94V-0 , Color Black

NEW

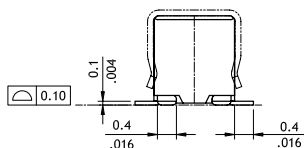
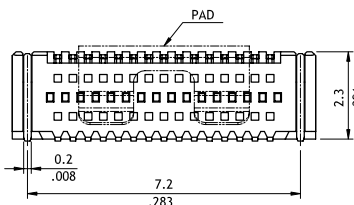
RoHS Compliant



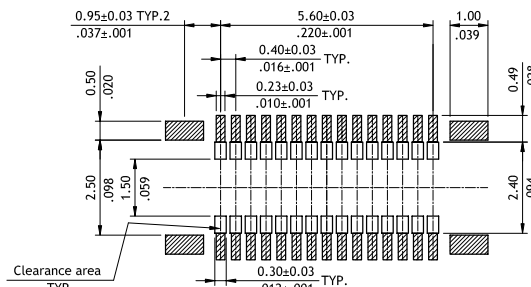
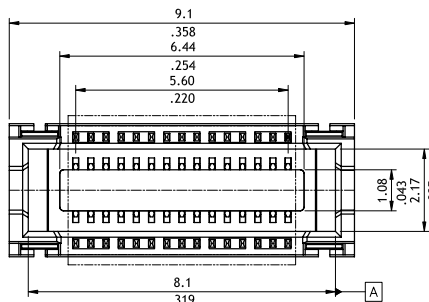
P/N: CBRQ030PA2F00R0-LF



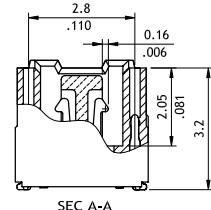
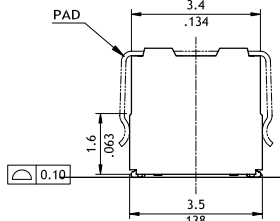
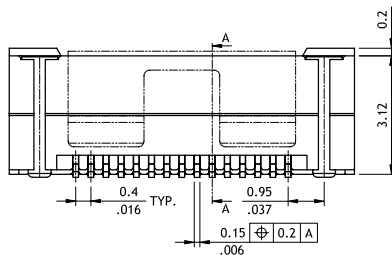
Recommended P.C. Board Layout
General tolerance ±0.05



P/N: CBRQ030SA2F00R0-LF



Recommended P.C. Board Layout
General tolerance ±0.05



Ordering Code

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

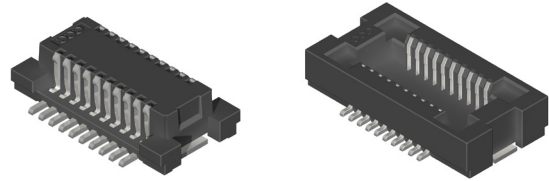
- ① Series No.
- ② No. of Circuits: 30
- ③ P= Plug
- ④ Height : A :2.30mm
- ⑤ Plating Code: 2 = Gold flash over Nickel
- ⑥ Fixed Tab Option : F=With Fixed Tabs
- ⑦ Pegs Option : 00 = Without Pegs
- ⑧ Packing Option : R0 =Tape & Reel
- ⑨ LF = For Lead Free IR process

- 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

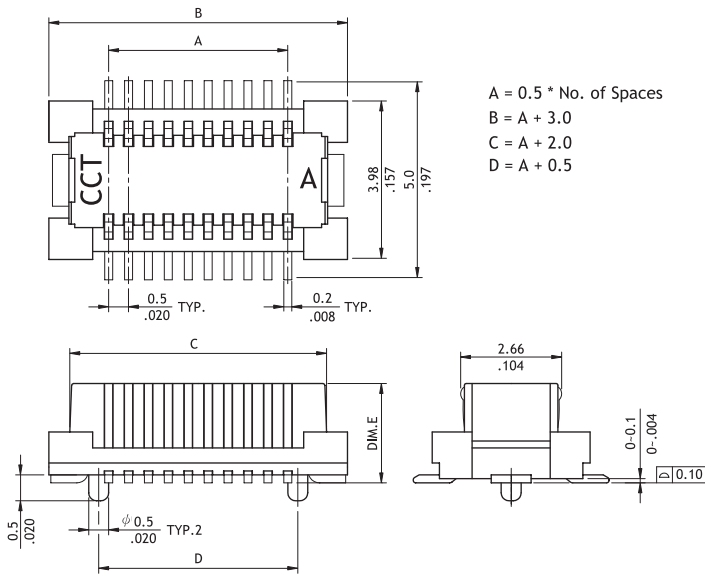
CBRB Series 0.50mm(.020") Board To Board Connectors

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

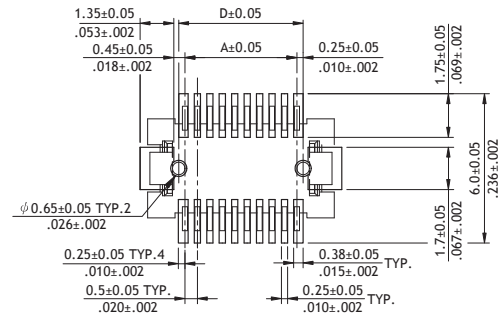
RoHS Compliant  



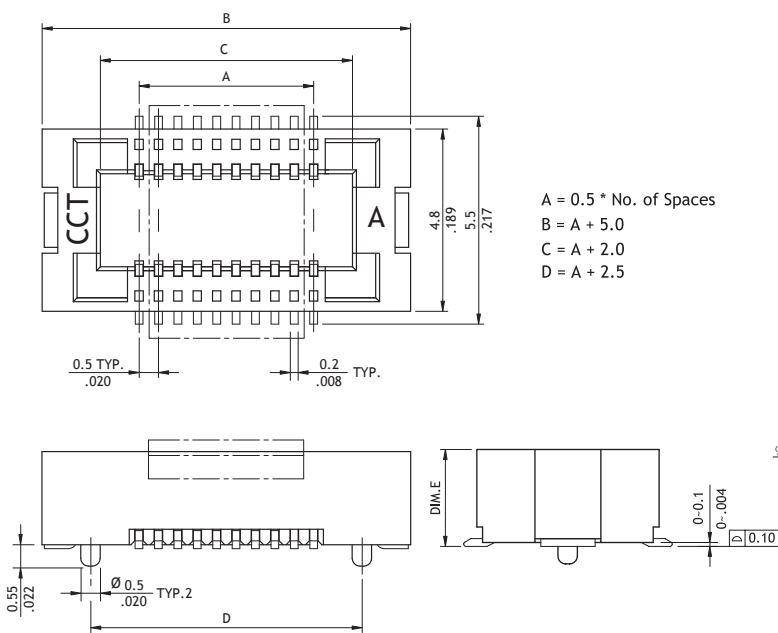
P/N CBRB***P*2FP1R0-NH



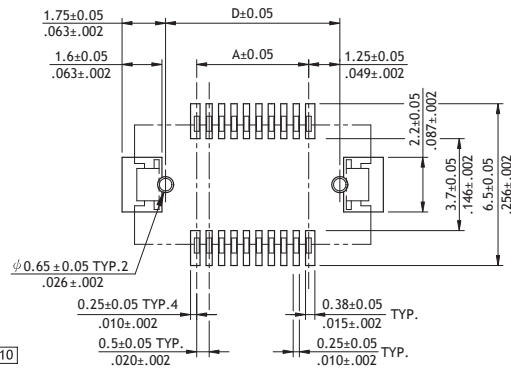
Mating Height	DIM.E
2.5, 3.0, 4.5 mm	2.0
3.5, 4.0, 5.0 mm	3.0



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



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

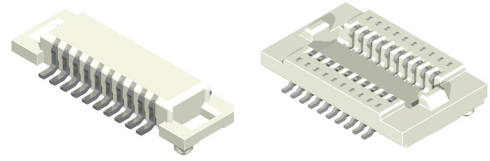
① Series No.
 ② No. of Circuits: 010 ~ 080
 ③ Connector Type: P = Plug, S = Receptacle
 ④ Height:
 Plug: A: DIM.E = 2.0mm , C: DIM.E = 3.0mm
 Receptacle:
 A: DIM.E = 2.0mm , B: DIM.E = 2.5mm
 C: DIM.E = 3.0mm , E: DIM.E = 4.0mm
 ⑤ Plating Code: 2 = Gold flash over Nickel
 ⑥ Tabs Options: F = With Fixed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

BOARD TO BOARD CONNECTORS

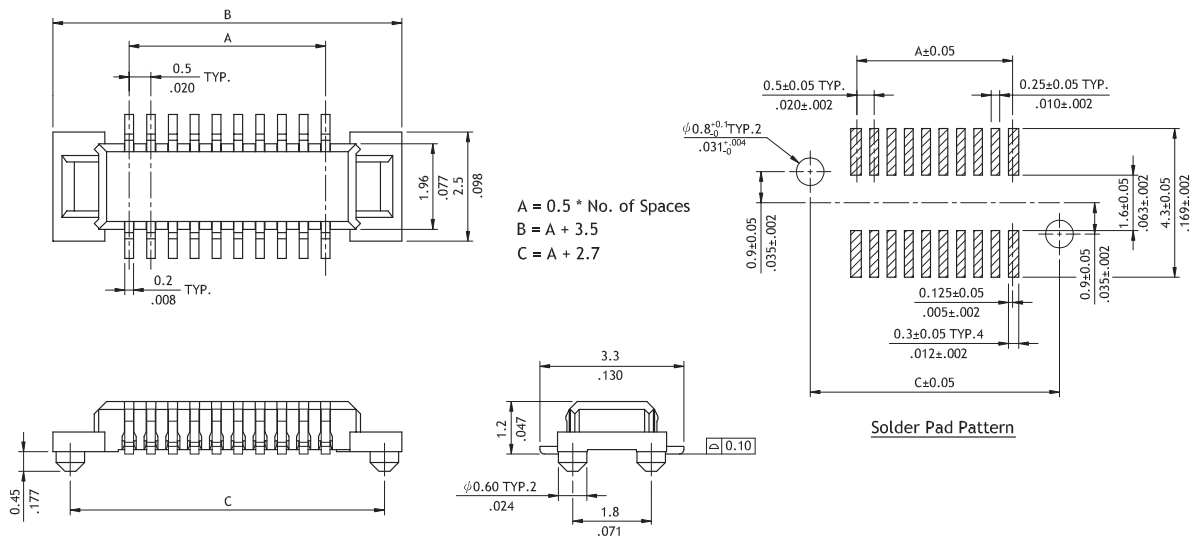
CBRC Series 0.50mm(.020") Board To Board Connectors

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

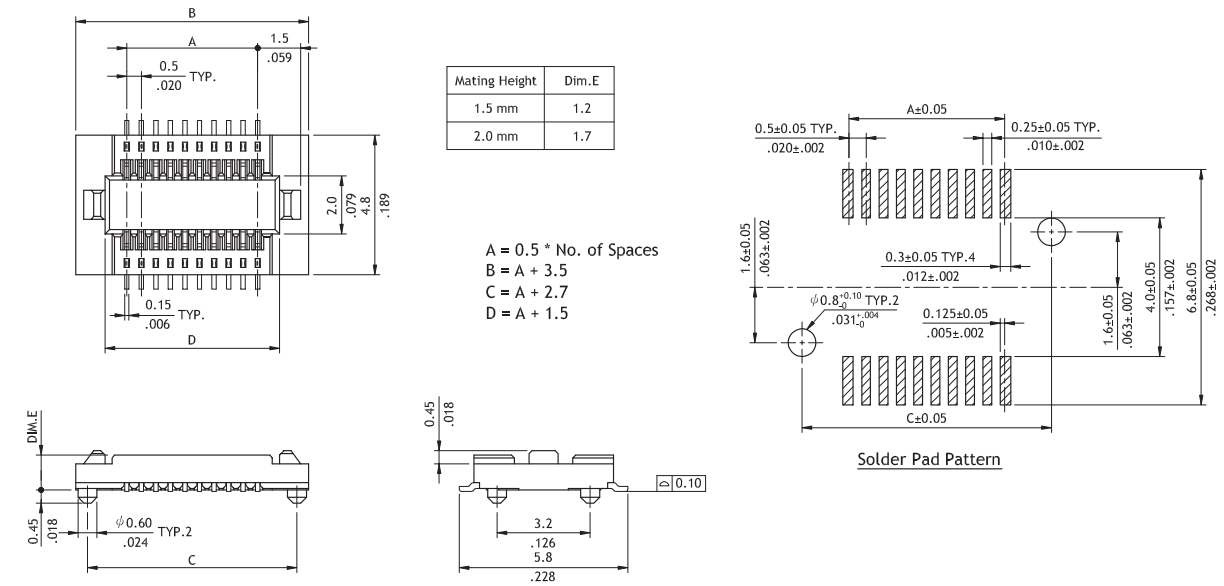
RoHS Compliant 



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

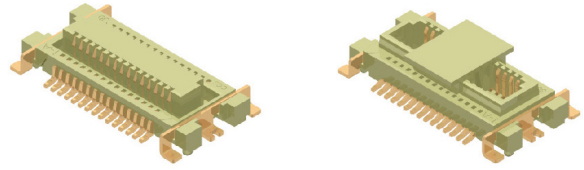
Mating Height	Plug	Receptacle
<p>1.5 .059</p>	<p>Circuits: 10, 16, 20, 22</p> <p>1.2 .047</p> <p><u>P/N:CBRC***P0*001R0-NH</u></p>	<p>Circuits: 10, 16, 20, 22</p> <p>1.2 .047</p> <p><u>P/N:CBRC***S0200*R0-NH</u></p>
<p>2.0 .079</p>	<p>Circuits: 10, 16, 20, 22</p> <p>1.2 .047</p> <p><u>P/N:CBRC***P0*001R0-NH</u></p>	<p>Circuits: 10</p> <p>1.7 .067</p> <p><u>P/N:CBRC***SA200*R0-NH</u></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								
③ Connector Type:								
P0 = Plug								
S0 = Receptacle (DIM.E = 1.2mm)								
SA = Receptacle (DIM.E = 1.7mm)								
				④ Plating Code : 2 = Gold flash over Nickel				
				⑤ Pegs Options: 000 = Without Peg				
				001 = With Pegs				
				⑥ Packing Options: R = Tape & Reel				
				⑦ Other Options: 0 = Standard				
				⑧ NH = For Lead Free IR process				
				and Halogen-Free				

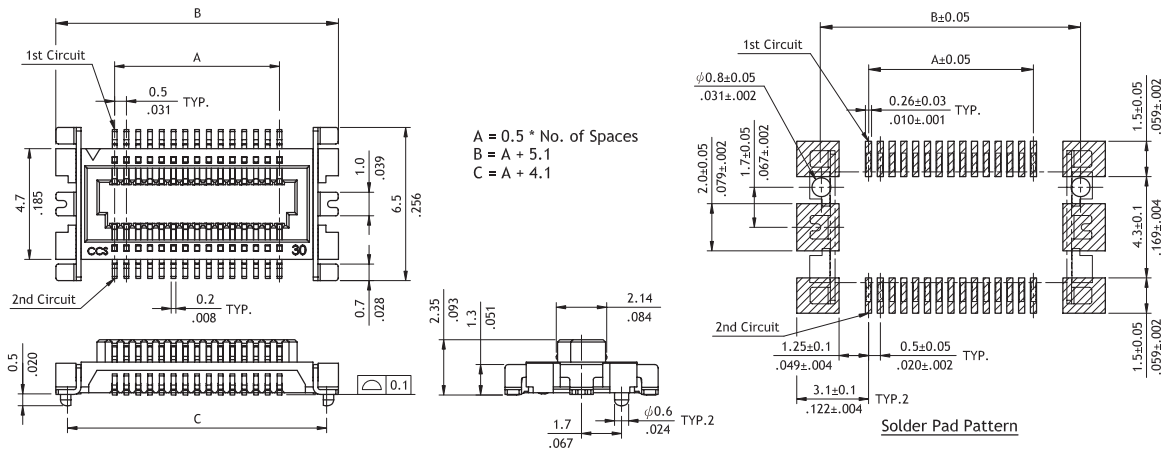
CBRE Series 0.50mm(.020") Board To Board Connectors

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

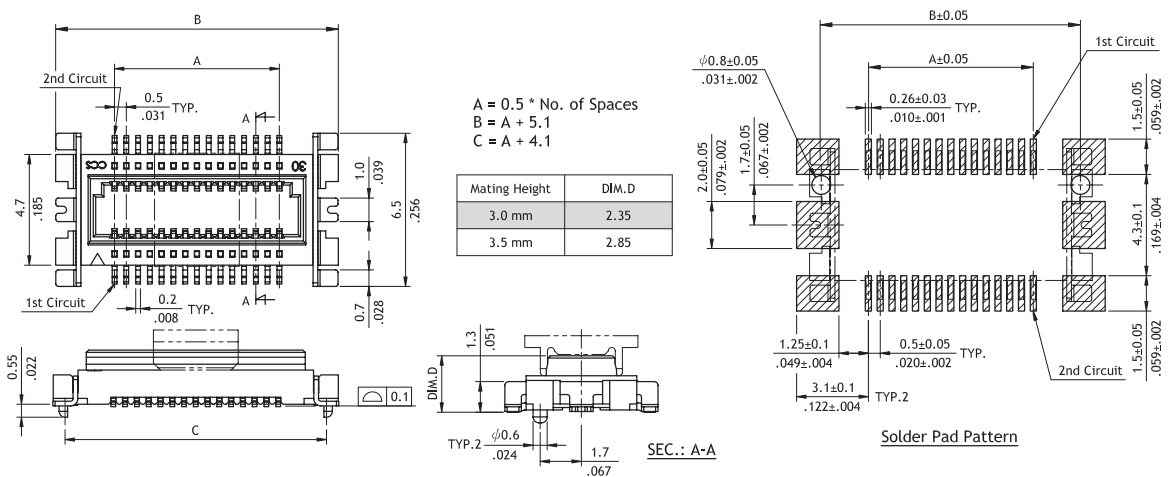
RoHS Compliant  



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					

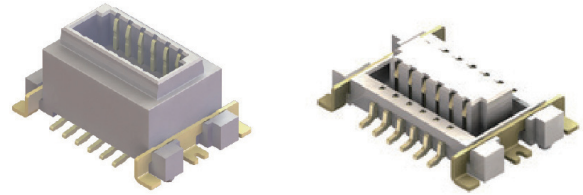
CB

BOARD TO BOARD CONNECTORS

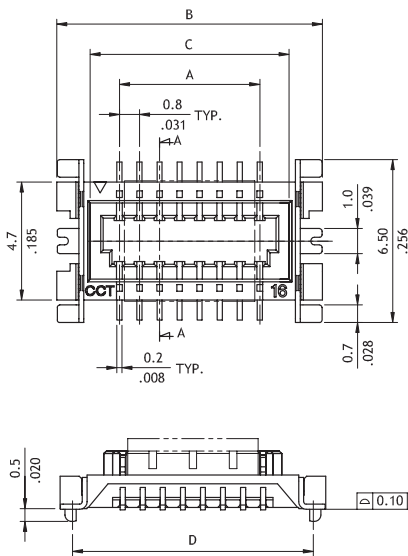
CBRD Series 0.80mm(.031") Board To Board Connectors

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

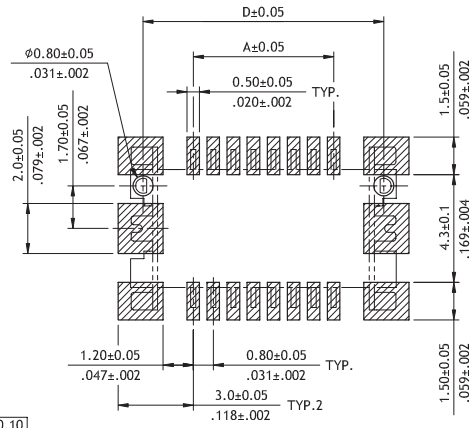
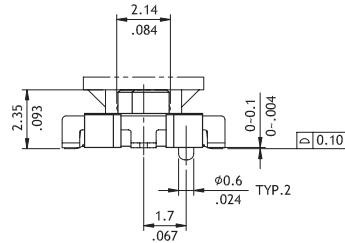
RoHS Compliant



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

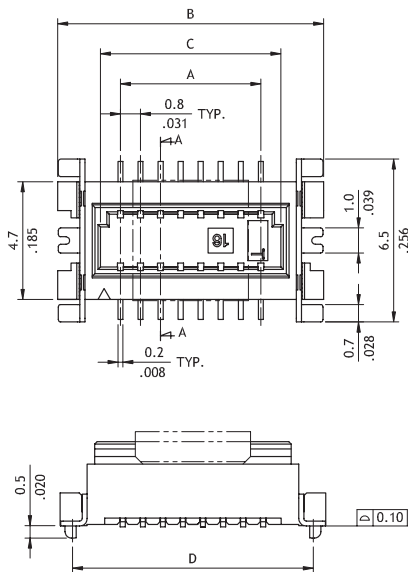


A = 0.8 * No. of Spaces
 B = A + 5.0
 C = A + 2.34
 D = A + 4.0



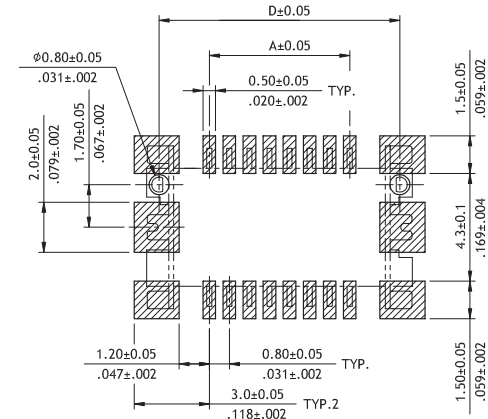
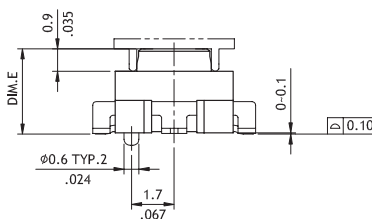
Recommended PCB Layout

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>

CB

Ordering Code

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
CBRD 080 S A 2 F P1 R 0 - NH

- ① Series No.
- 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
- ③ Connector Type:
P = Plug
S = Receptacle

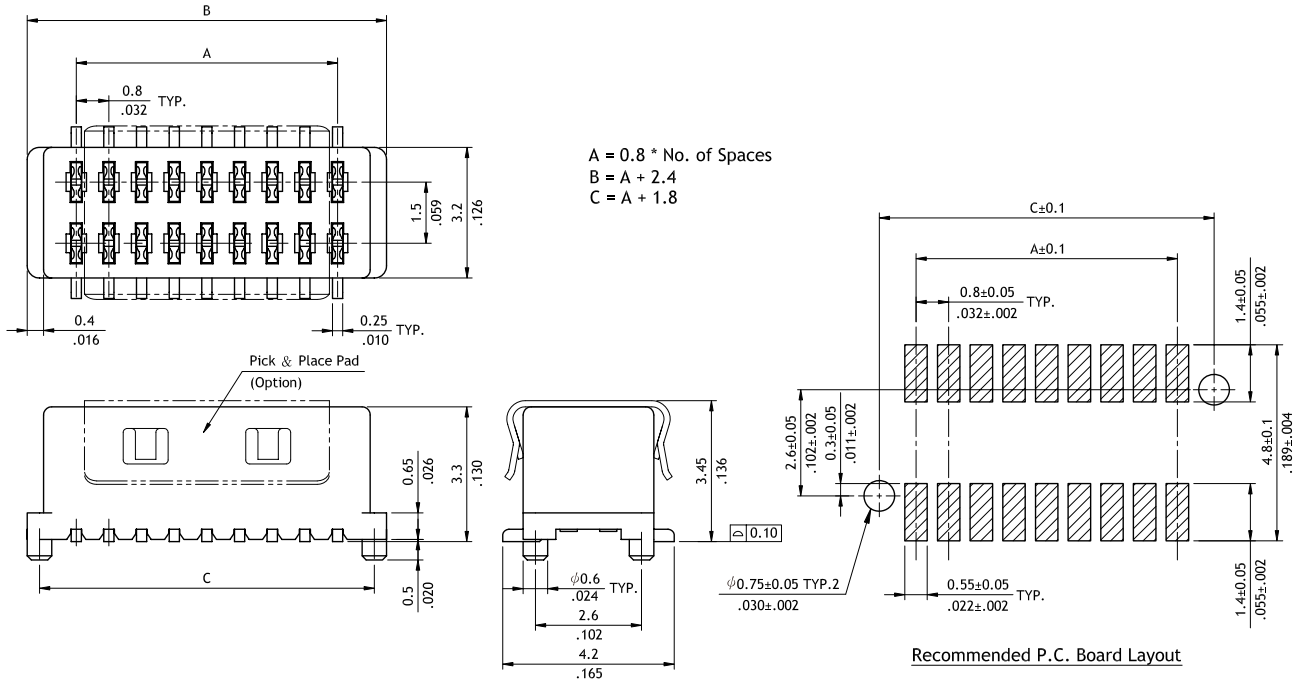
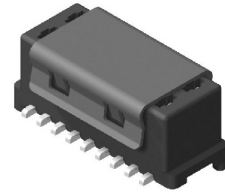
- ④ Height:
Plug: A: DIM.E = 2.35mm
Receptacle: A: DIM.E = 3.40mm
 B: DIM.E = 4.40mm
 E: DIM.E = 7.40mm
- ⑤ Plating Code:
2 = Gold flash over Nickel
- ⑥ Fixed Tab Options:
0 = Without Fixed Tab
F = With Fixed Tabs

- ⑦ Pegs Options: 00 = Without Peg
 P1 = With Pegs
- ⑧ Packing Options:
R = Tape & Reel
- ⑨ Other Options: 0 = Standard
- ⑩ NH = For Lead Free IR process and Halogen-Free

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

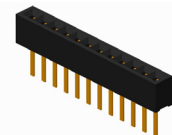
CB

BOARD TO BOARD CONNECTORS

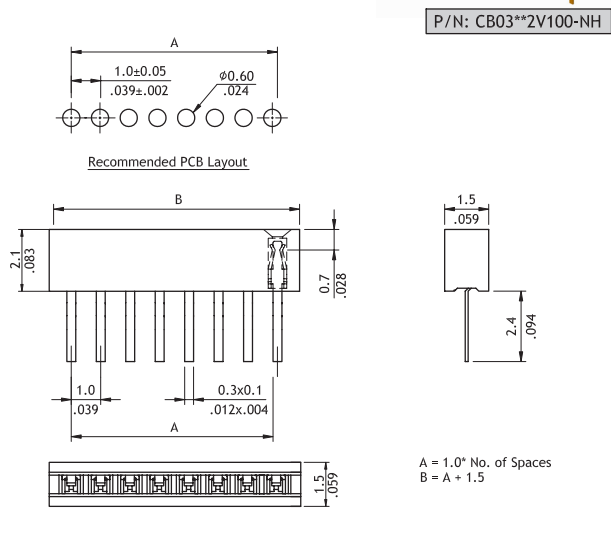
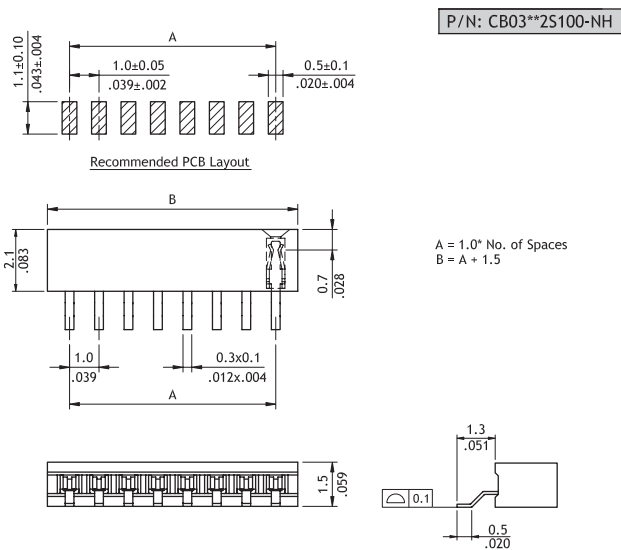
CB03 Series 1.00mm(.039") SMT Type Single Row Pin Headers

☉ Mate with CH07 series

RoHS Compliant



P/N: CB03**2V100-NH



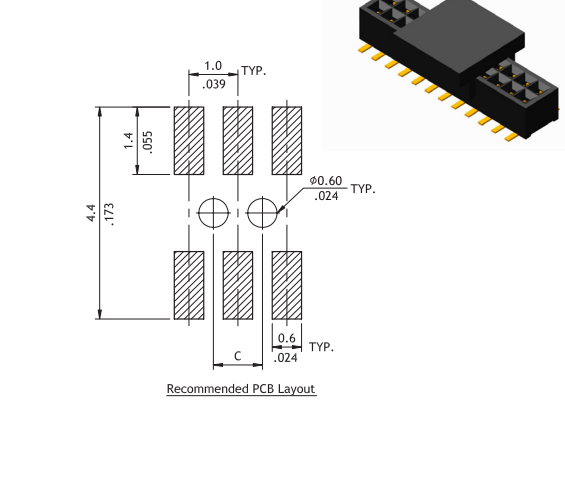
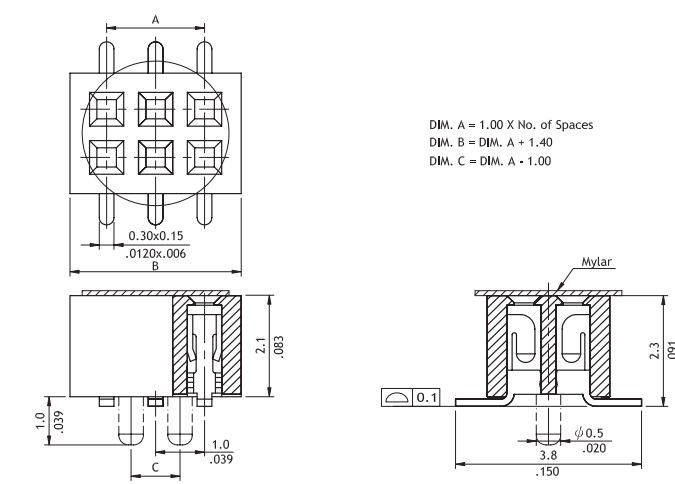
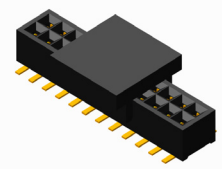
Ordering Code

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

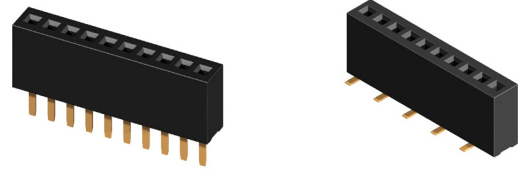
①	②	③	④	⑤	⑥	⑦	⑧
CB12	36	2	M	1	00	-R	P

- 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

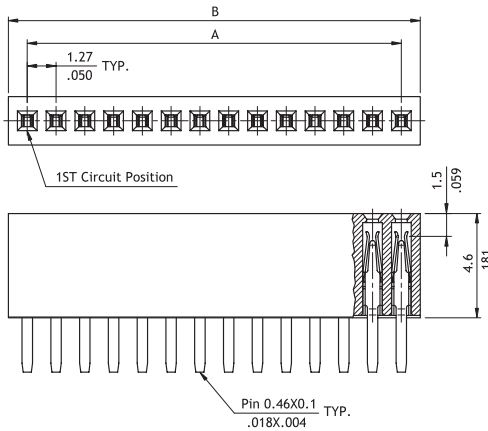
CB01 Series 1.27mm(.050") Single Row Female Headers

⊙ Mates with CH01, CH02 and CH03 series

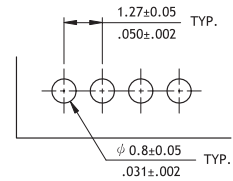
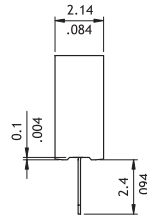
RoHS Compliant 



P/N CB01**2D100-NH

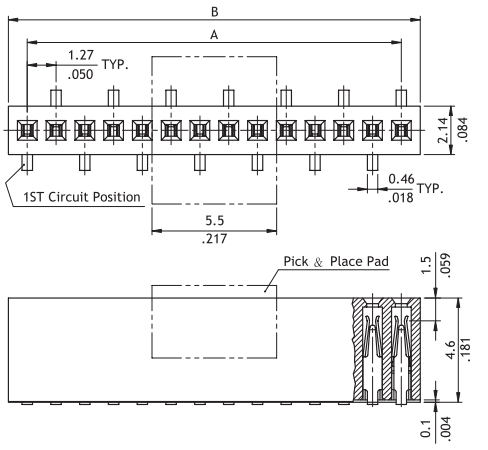


$A = 1.27 * \text{No. of Spaces}$
 $B = A + 1.67$

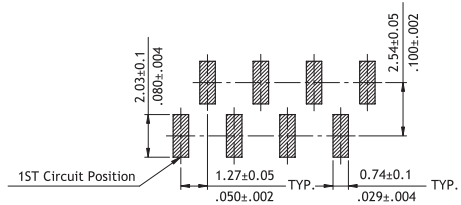
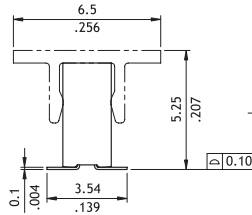


Recommended PCB Layout

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

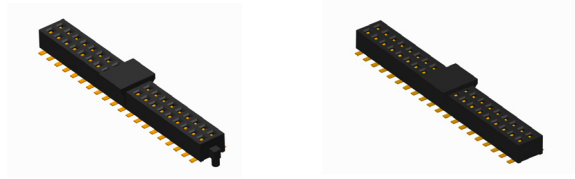
- ① Series No.
- ② No. of Circuits: 04 ~ 50
- ③ Plating Code: 2 = Gold flash over Nickel
- ④ Tail Style: M = SMT Type
D = DIP Type
- ⑤ Color: 1 = Black
- ⑥ Other Options: 00 = Standard

- 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

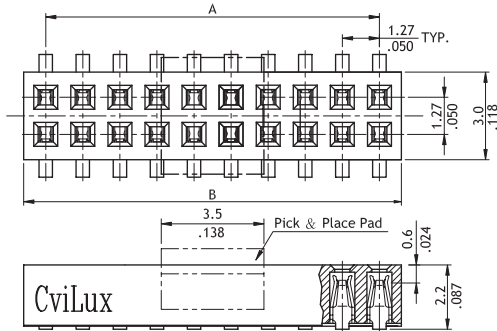
CB50 Series 1.27mm(.050") Dual Row Female Headers

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

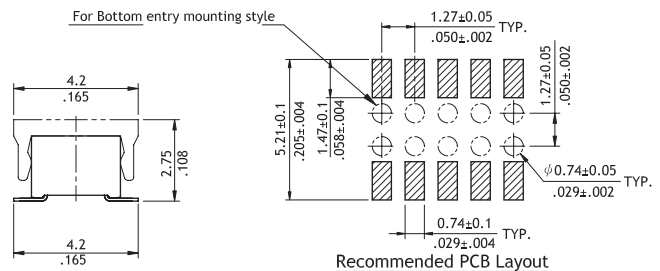
RoHS Compliant



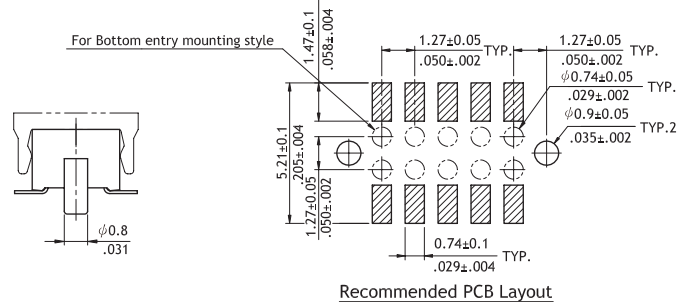
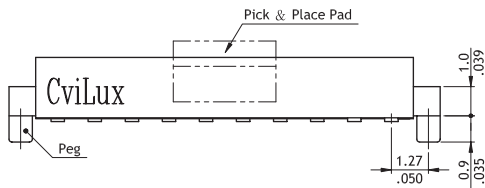
P/N CB50**20**0-NH



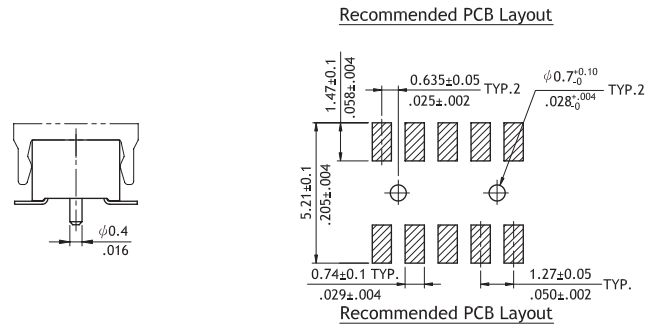
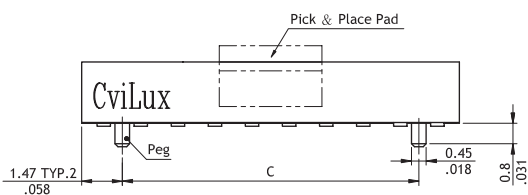
Dim. A = 1.27 X No. of Spaces
 Dim. B = Dim. A + 1.67
 Dim. C = Dim. A - 1.27



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



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



Ordering Code

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

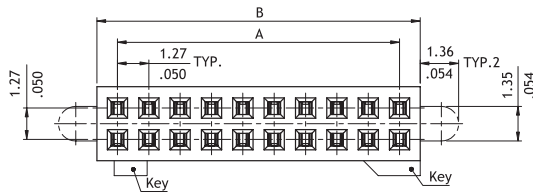
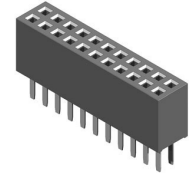
- ① Series No.
- ② No. of Circuits: 06 ~60
- ③ Plating Code: 2 = Gold flash over Nickel
- ④ Pegs Options:
 0 = Without Peg
 P = With Pegs Type 1
 A = With Pegs Type 2

- 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

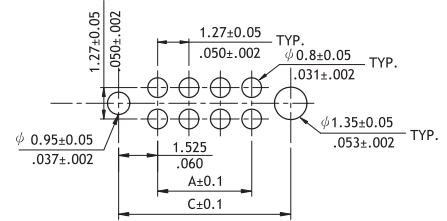
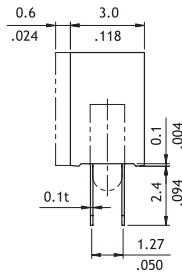
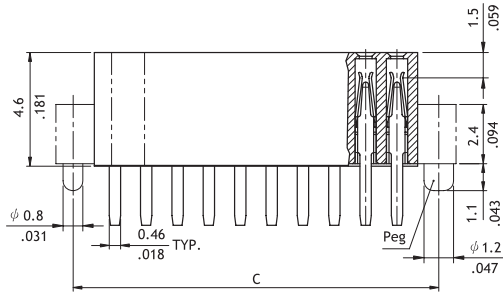
CBC1 Series 1.27mm(.050") Dual Row Female Headers

- ⊙ 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

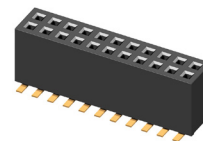
CB

BOARD TO BOARD CONNECTORS

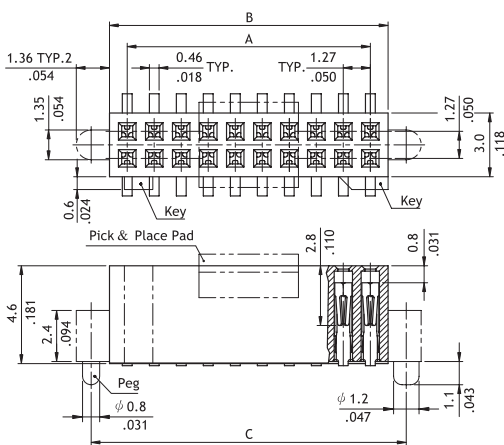
CBC1 Series 1.27mm(.050") Dual Row Female Headers

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

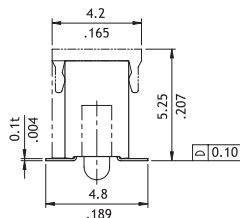
RoHS Compliant



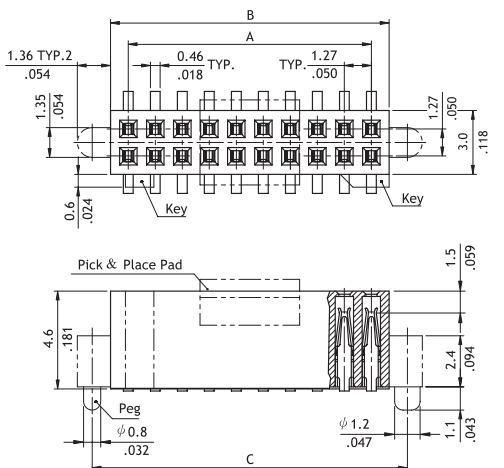
P/N CBC1**2M1*0-1*-NH



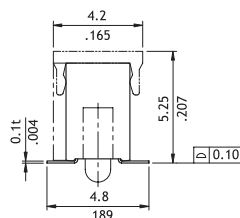
A = 1.27 X No. of Spaces
 B = A + 1.67
 C = A + 3.05



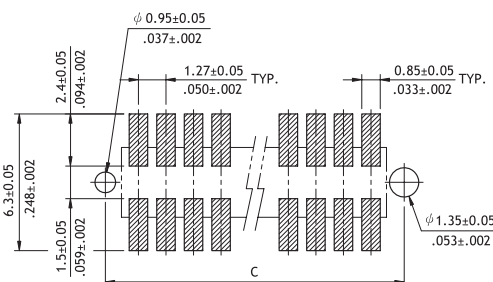
P/N CBC1**2M1*0-2*-NH



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

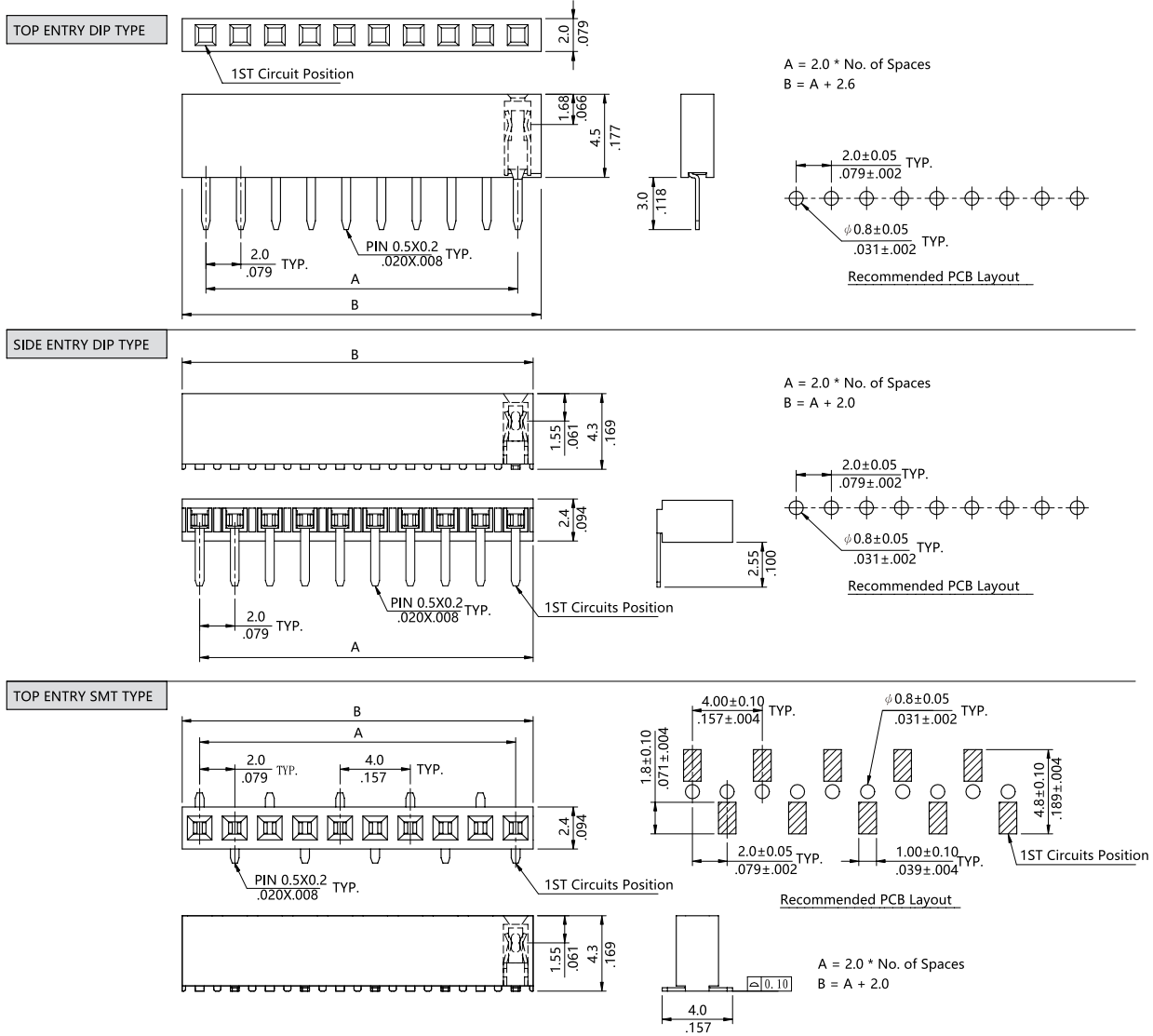
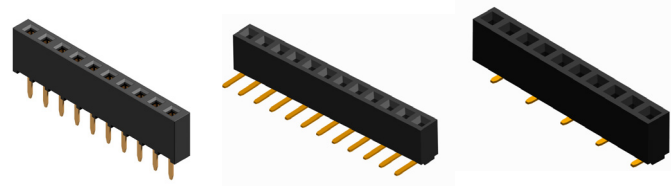
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
CBC1 60 2 M 1 0 0 - 2 P - NH

- 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

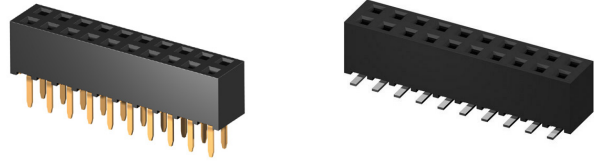
①	②	③	④	⑤	⑥
CB	22	40	2	V	1
					00

- 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

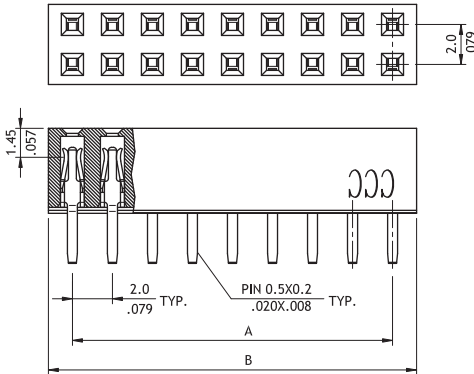
CB74 Series 2.00mm(.079") Dual Row Female Headers

⊙ Mates with CH71, CH72 and CH75 series

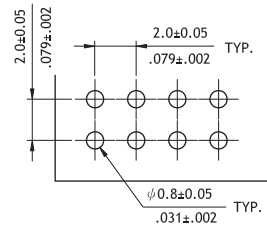
RoHS Compliant



P/N CB74**2V100-NH

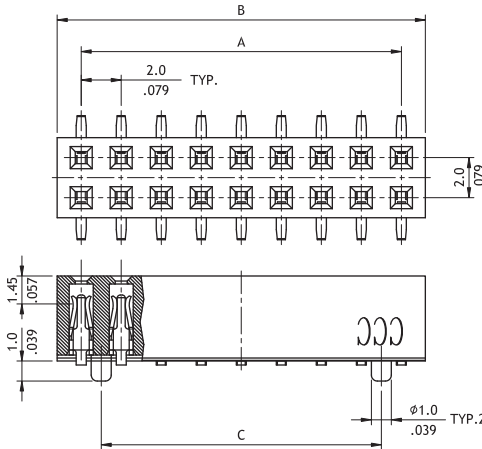


A = 2.0 * No. of Spaces
B = A + 2.4

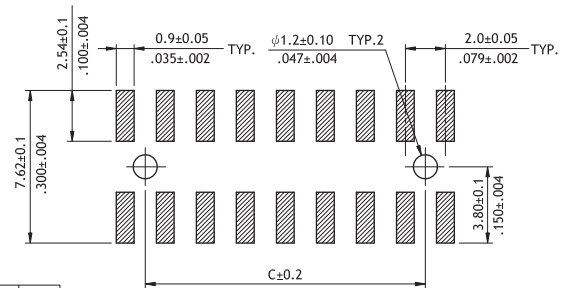


Recommended PCB Layout

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
CB 7 4 8 0 2 M 1 0 0 - NH

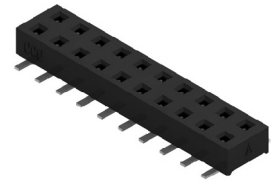
- ① Series No.
- ② No. of Circuits: 04 ~ 80
- ③ Plating Code : 2 = Gold flash over Nickel
- ④ Tail Style:
V = Top Entry DIP Type
M = Top Entry SMT Type

- ⑤ Color: 1 = Black
- ⑥ Other Options:
00 = Standard
*Special options consult manufacturer
- ⑦ NH = For Lead Free soldering process and Halogen-Free

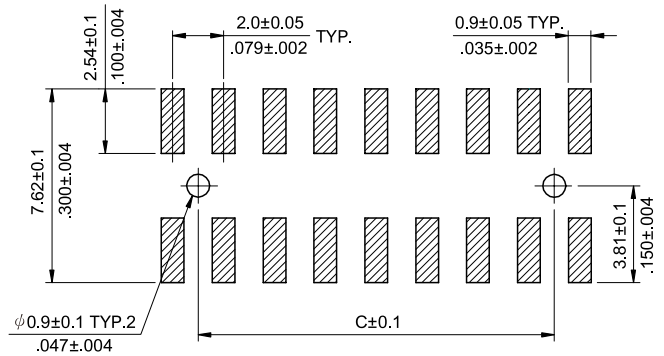
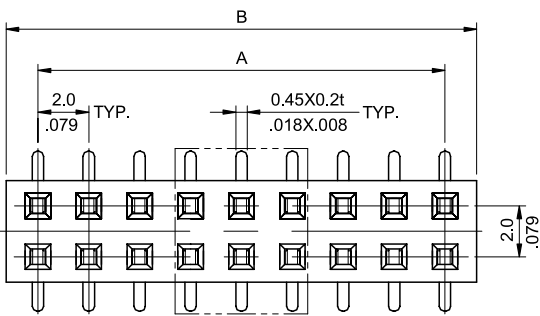
CB76 Series 2.00mm(.079") Dual Row Female Headers

☉ Mate with CH71, CH72 and CH75 series

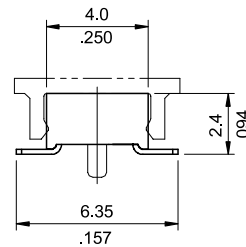
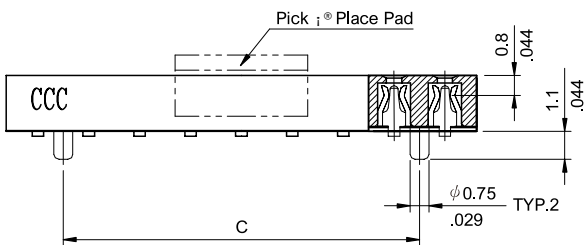
RoHS Compliant  



CB



Recommended P.C. Board Layout



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

Ordering Code

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

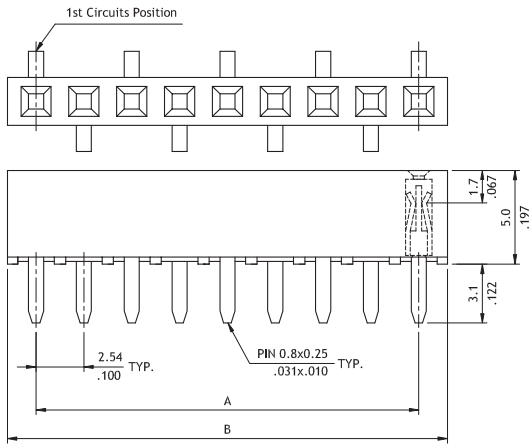
- ⑥ Pegs Options:
 0 = With Pegs
 1 = Without Peg
- ⑦ Packing Options:
 0 = Tube packing
 R = Tape & Reel (With Pick & Place Pad)
- ⑧ NH = For Lead Free IR process and Halogen-Free

BOARD TO BOARD CONNECTORS

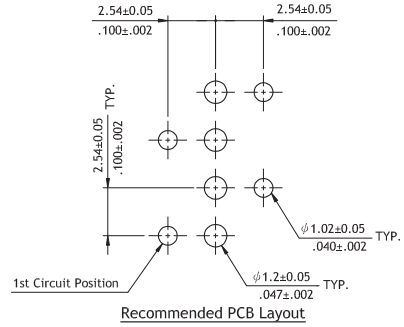
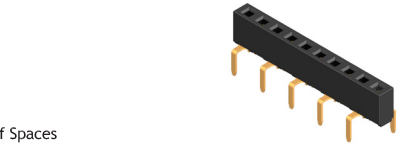
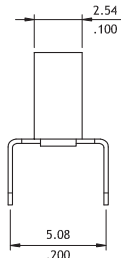
CB33 Series 2.54mm(.100") Single Row Dual Entry Female Header

Ⓞ Mates with CH31 and CH34 series

RoHS Compliant



$A = 2.54 * \text{No. of Spaces}$
 $B = A + 3.14$



Ordering Code

①	②	③	④	⑤	⑥
CB33	40	2	R	1	00

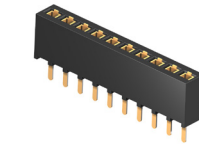
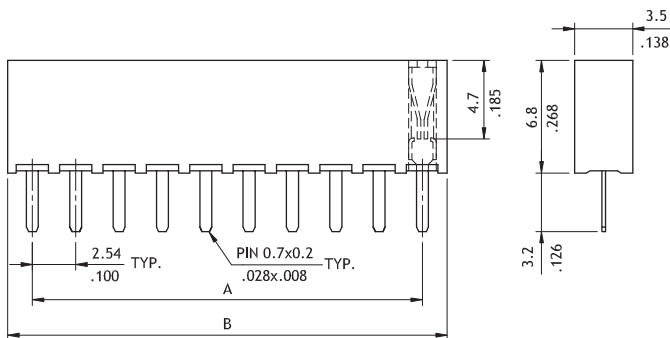
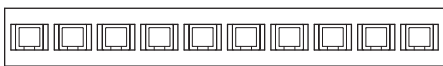
- ① Series No.
- ② No. of Circuits: 02 ~ 40
- ③ Plating Code : 2 = Gold flash over Nickel
- ④ Tail Style: R = Dual Entries

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

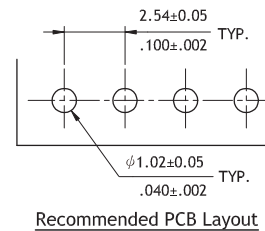
CB37 Series 2.54mm(.100") Single Row Female Headers

Ⓞ Mates with CH31 and CH34 series

RoHS Compliant



$A = 2.54 * \text{No. of Spaces}$
 $B = A + 2.5$



Ordering Code

①	②	③	④	⑤	⑥
CB37	40	A	V	1	00

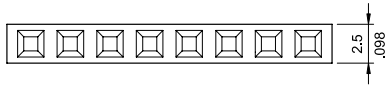
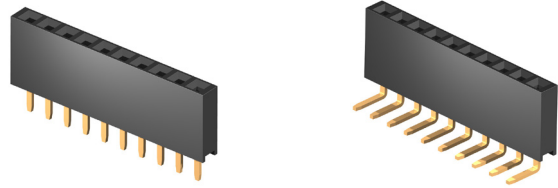
- ① Series No.
- ② No. of Circuits: 02 ~ 40
- ③ Plating Code: A = Selective Gold flash over Nickel
- ④ Tail Style: V = Vertical

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

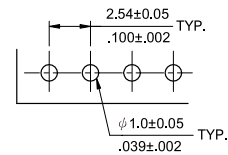
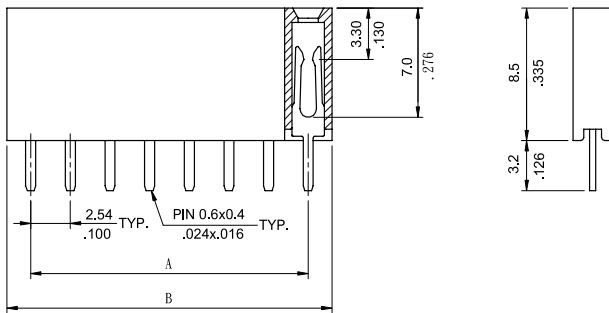
CB39 Series 2.54mm(.100") Single Row Female Headers

© Mates with CH31, CH34 series

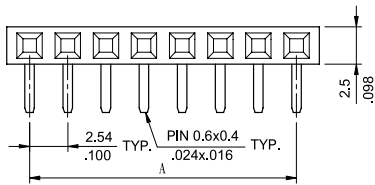
RoHS Compliant



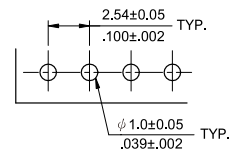
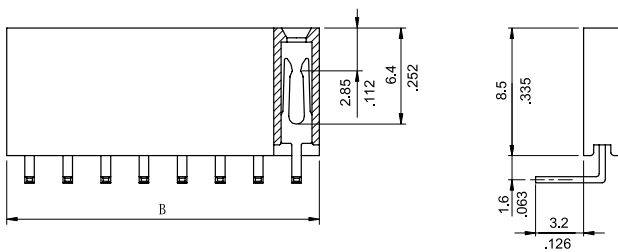
$A = 2.54 * \text{No. of Spaces}$
 $B = A + 3.04$



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

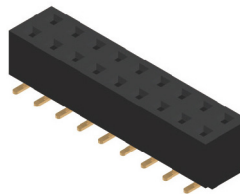
- ⑤ Color: 1 = Black
- ⑥ Other Options:
00 = Standard
*Special options consult manufacturer

CB

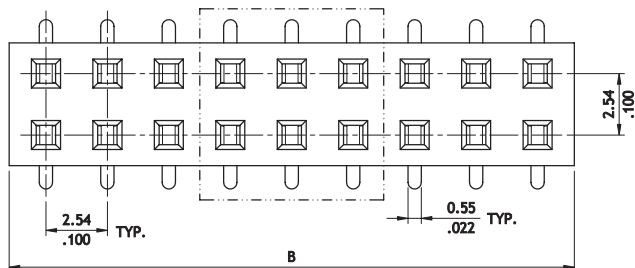
BOARD TO BOARD CONNECTORS

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

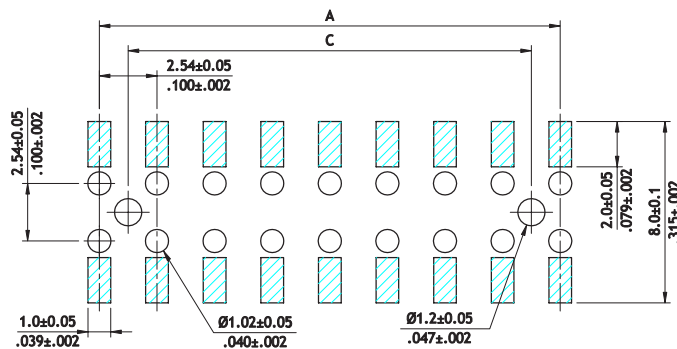
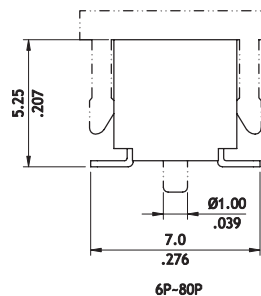
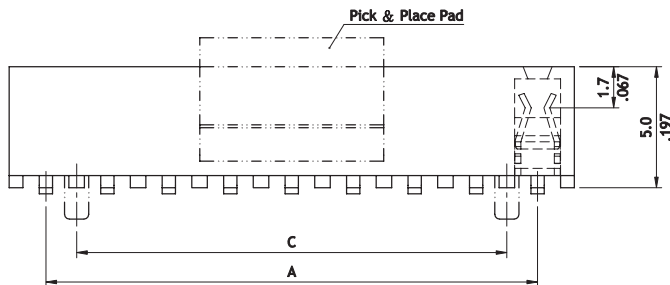
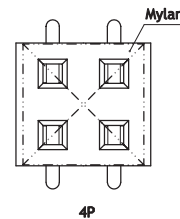
© Mates with CH81, CH84, CH85 and CH88 series



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

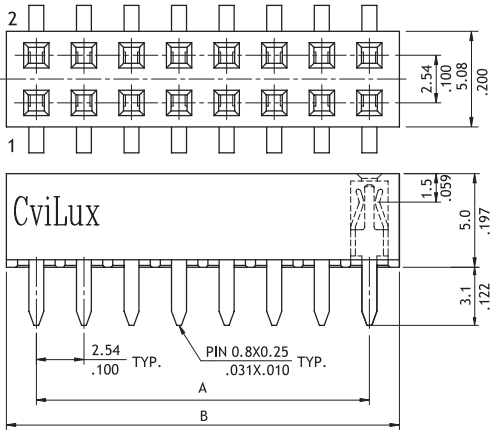
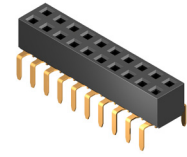
① Series No.
 ② No. of Circuits: 04 ~ 80
 ③ Plating Code : 2 = Gold flash over Nickel
 ④ Tail Style: M = SMT Type
 ⑤ Color: 1 = Black

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

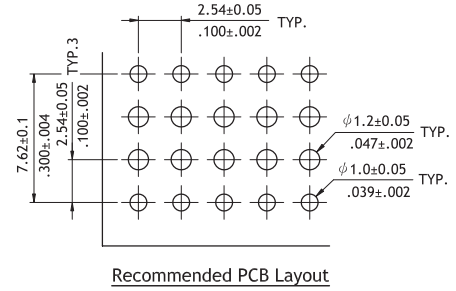
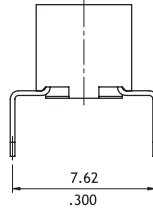
CB83 Series 2.54mm(.100") Dual Row Female Headers

☉ Mates with CH81, CH84 and CH85 series

RoHS Compliant



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



CB

Ordering Code

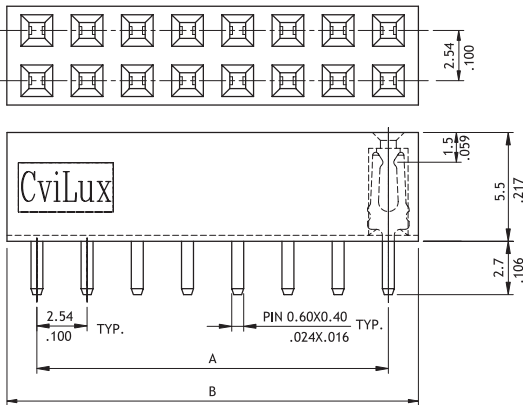
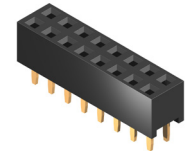
①	②	③	④	⑤	⑥
CB83	40	2	R	1	00

- 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

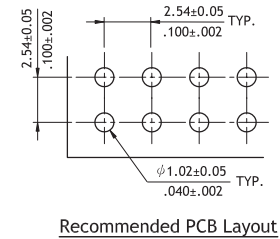
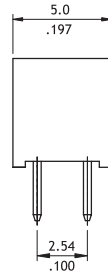
CB85 Series 2.54mm(.100") Dual Row Female Headers

☉ Mates with CH81, CH84 and CH85 series

RoHS Compliant



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



BOARD TO BOARD CONNECTORS

Ordering Code

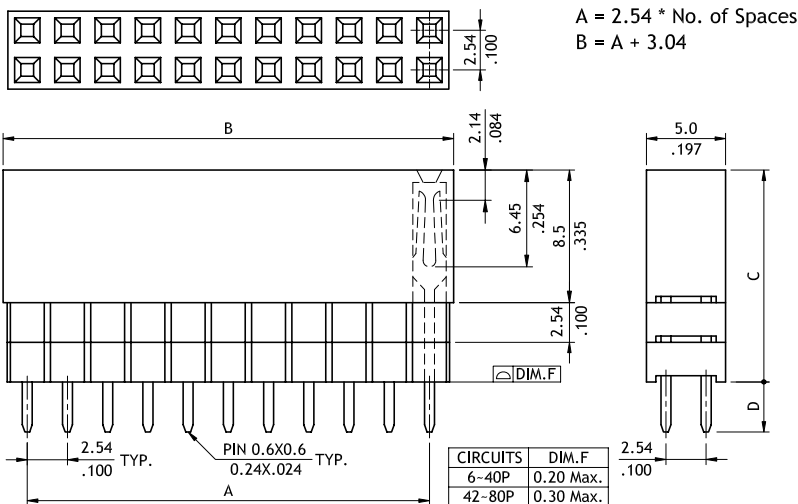
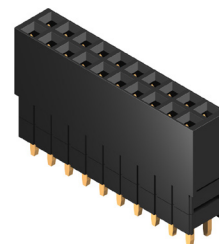
①	②	③	④	⑤	⑥
CB85	40	2	V	1	00

- 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

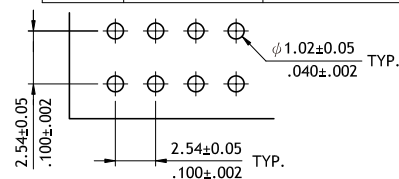
CB96 Series 2.54mm(.100") Dual Row Elevated Female Headers

© 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)



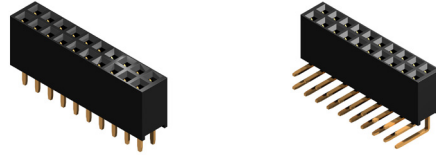
Recommended P.C. Board Layout

Ordering Code	①	②	③	④	⑤	⑥
	CB	96	80	2	V	1 00

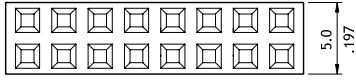
① Series No.
 ② No. of Circuits: 06 ~ 80
 ③ Plating Code: 2 = Gold flash over Nickel
 ④ Tail Style: V = Vertical
 ⑤ Color: 1 = Black
 ⑥ Other Options:
 see option code table
 *Special options consult manufacturer

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

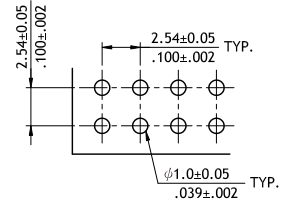
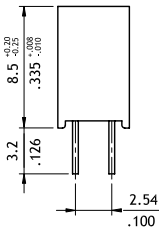
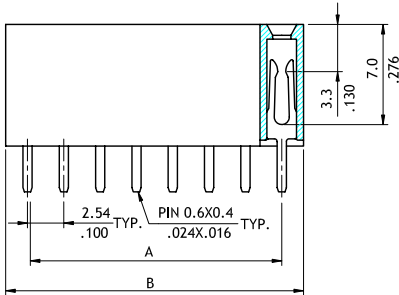
© Mates with CH81, CH84 and CH85 series



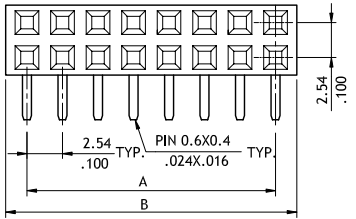
RoHS Compliant



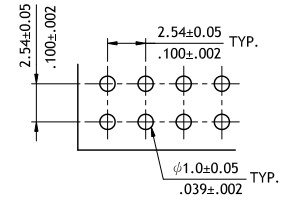
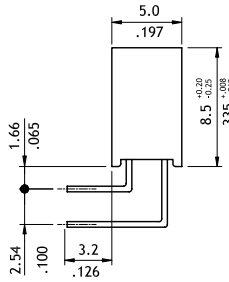
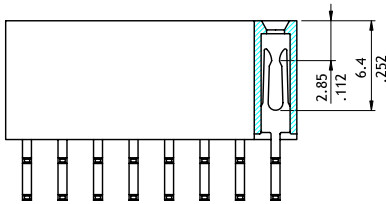
$A = 2.54 * \text{No. of Spaces}$
 $B = A + 3.04$



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

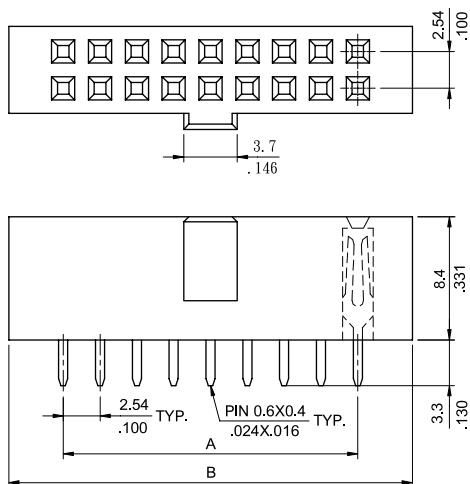
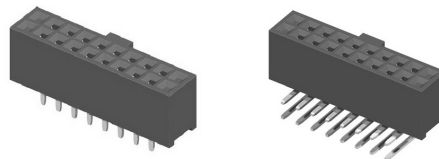
- ① Series No.
- ② No. of Circuits: 04 ~50, 60, 64, 66, 80
- ③ Plating Code : 2 = Gold flash over Nickel
- ④ Tail Style: V = Vertical
H = Right Angle

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

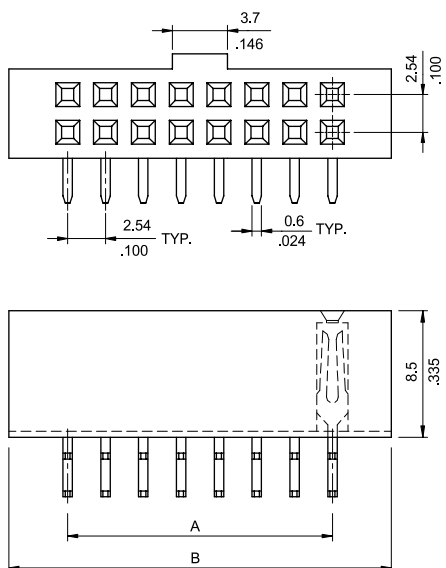
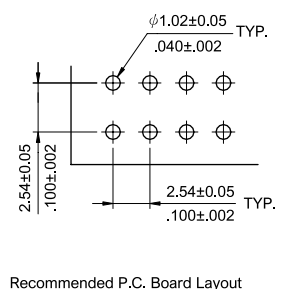
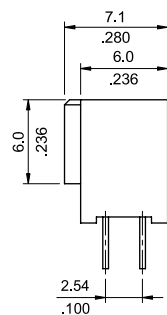
CB94 Series 2.54mm(.100") Dual Row Female Headers

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

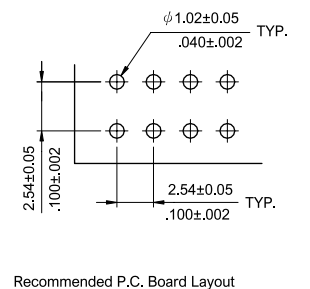
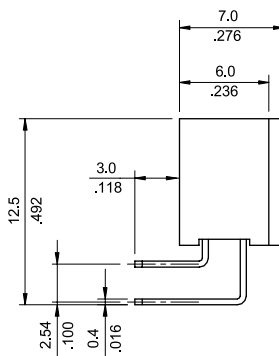
RoHS Compliant



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



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



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

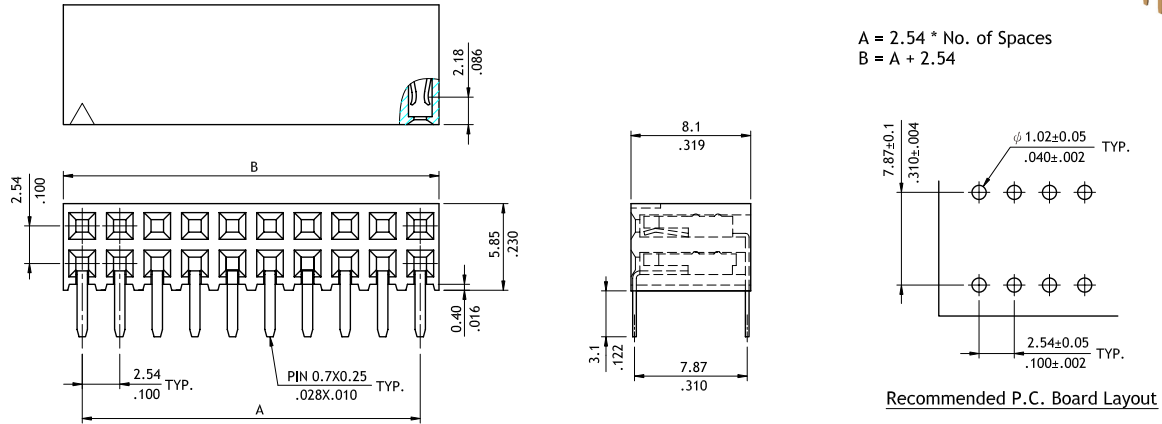
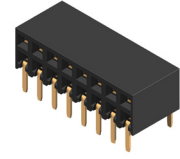
CB

BOARD TO BOARD CONNECTORS

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

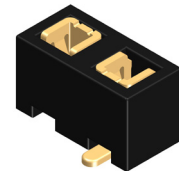
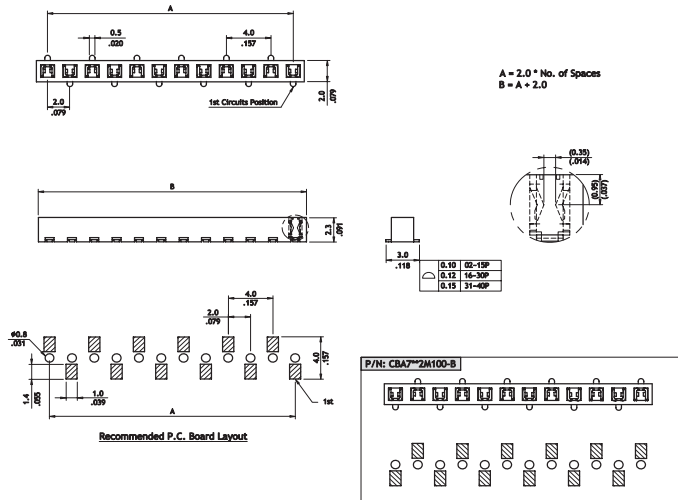
CBA7 Series 2.00mm(.079") Single Row Female Headers

⊙ Mates with CH71, CH72 and CH75 series

P/N: CBA7**2M100-A

RoHS Compliant

NEW

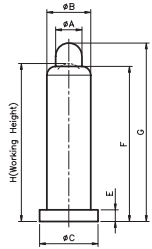
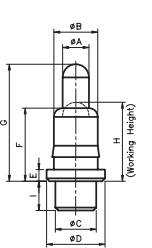
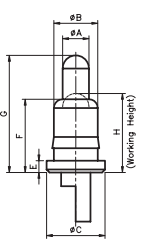
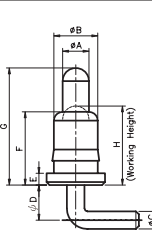
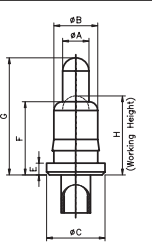
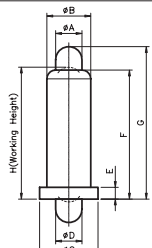
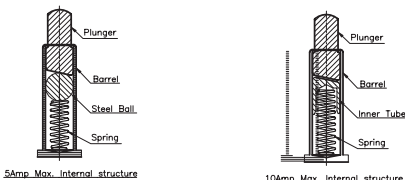


Ordering Code

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

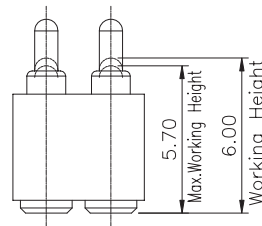
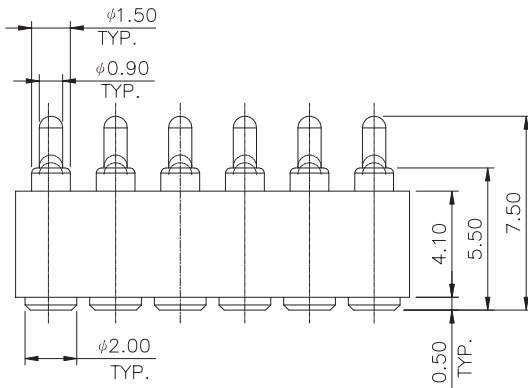
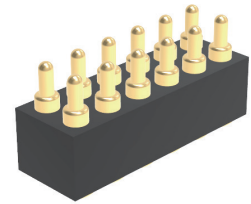
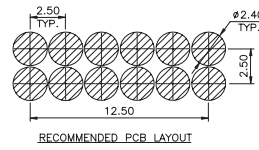
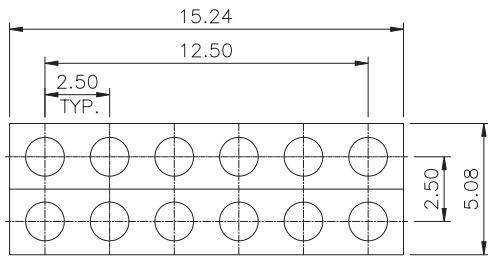
<p>SMT TYPE</p>		<table border="1"> <thead> <tr> <th>ϕA</th> <th>ϕB</th> <th>SERIES NO.</th> </tr> </thead> <tbody> <tr> <td>0.60mm</td> <td>1.00mm</td> <td>CG01 A Series</td> </tr> <tr> <td>0.90/1.00mm</td> <td>1.50mm</td> <td>CG02 A Series</td> </tr> <tr> <td>1.40mm</td> <td>2.00mm</td> <td>CG03 A Series</td> </tr> <tr> <td>1.80mm</td> <td>2.50mm</td> <td>CG04 A Series</td> </tr> <tr> <td>2.00mm</td> <td>2.85mm</td> <td>CG05 A Series</td> </tr> <tr> <td>2.50mm</td> <td>3.10mm</td> <td>CG06 A Series</td> </tr> </tbody> </table>	ϕA	ϕB	SERIES NO.	0.60mm	1.00mm	CG01 A Series	0.90/1.00mm	1.50mm	CG02 A Series	1.40mm	2.00mm	CG03 A Series	1.80mm	2.50mm	CG04 A Series	2.00mm	2.85mm	CG05 A Series	2.50mm	3.10mm	CG06 A Series
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<p>DOUBLE HEADED TYPE</p>		<table border="1"> <thead> <tr> <th>ϕA</th> <th>ϕB</th> <th>SERIES NO.</th> </tr> </thead> <tbody> <tr> <td>0.60mm</td> <td>1.00mm</td> <td>CG01 F Series</td> </tr> <tr> <td>0.90/1.00mm</td> <td>1.50mm</td> <td>CG02 F Series</td> </tr> <tr> <td>1.40mm</td> <td>2.00mm</td> <td>CG03 F Series</td> </tr> <tr> <td>1.80mm</td> <td>2.50mm</td> <td>CG04 F Series</td> </tr> <tr> <td>2.00mm</td> <td>2.85mm</td> <td>CG05 F Series</td> </tr> <tr> <td>2.50mm</td> <td>3.10mm</td> <td>CG06 F Series</td> </tr> </tbody> </table>	ϕA	ϕB	SERIES NO.	0.60mm	1.00mm	CG01 F Series	0.90/1.00mm	1.50mm	CG02 F Series	1.40mm	2.00mm	CG03 F Series	1.80mm	2.50mm	CG04 F Series	2.00mm	2.85mm	CG05 F Series	2.50mm	3.10mm	CG06 F Series
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<p>HIGH POWER TYPE</p>	 <p>5Amp Max. internal structure</p> <p>10Amp Max. internal structure</p>																						

CB

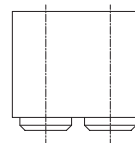
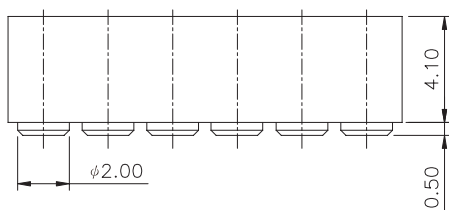
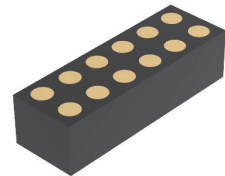
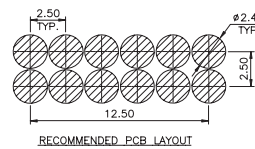
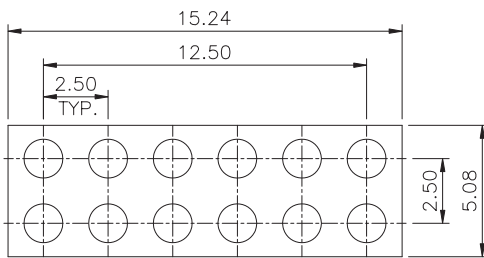
BOARD TO BOARD CONNECTORS

NEW

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



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



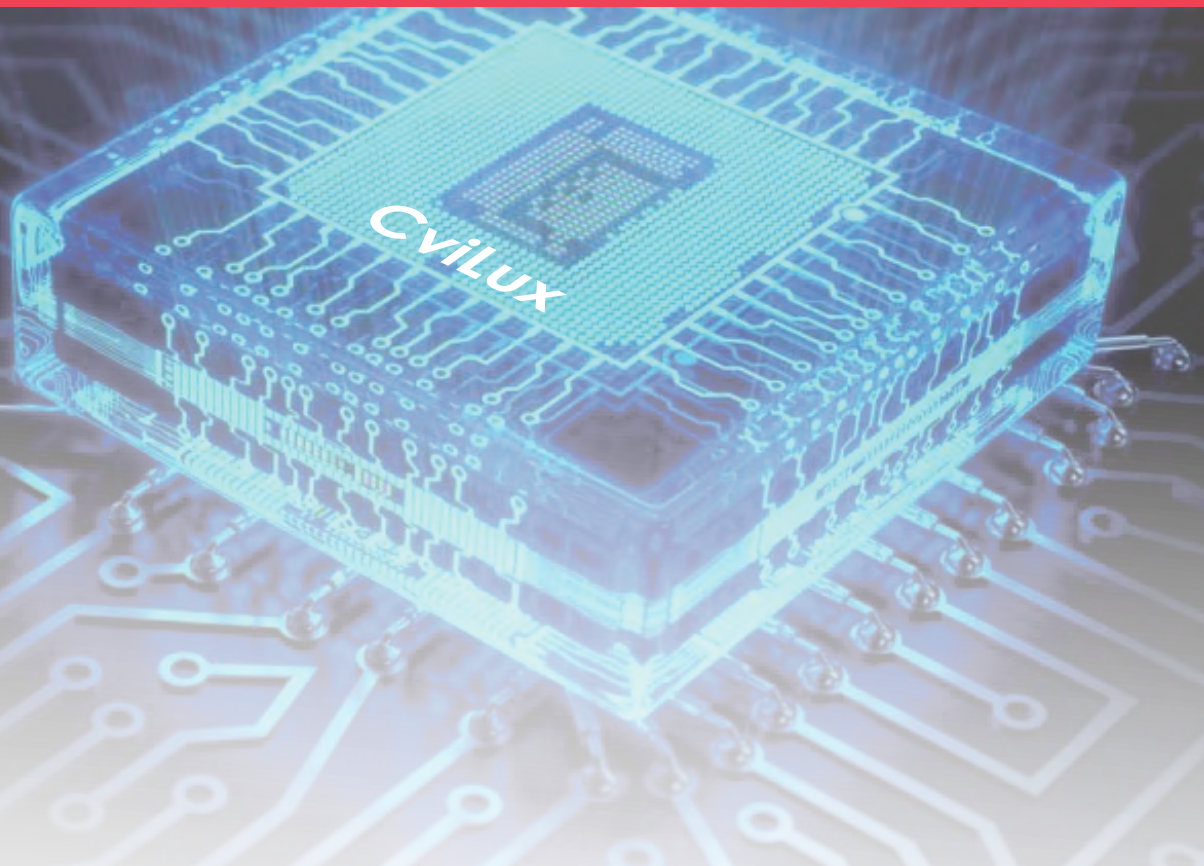
Ordering Code

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.



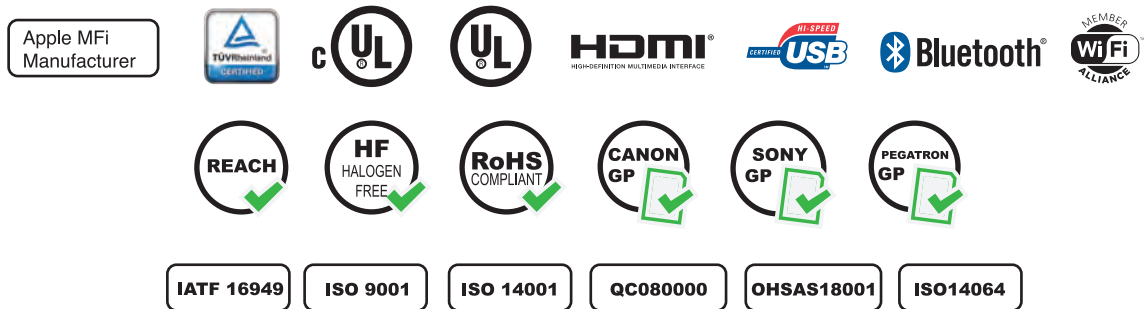
CviLux Lao Co., Ltd.

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

