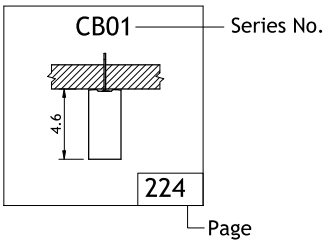
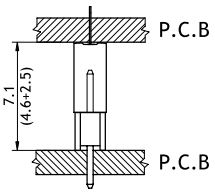
System CB Board To Board Connectors Selection Index

◎ 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.

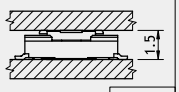
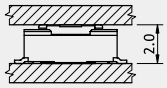
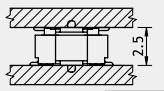
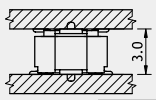
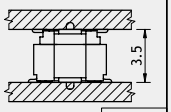
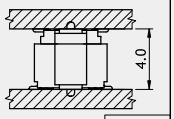
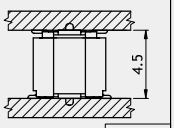
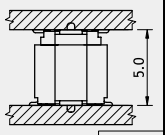
◎ Example (For Pitch 1.27mm or above)

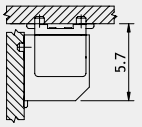
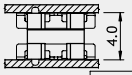
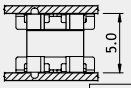
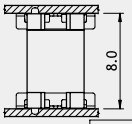


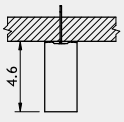
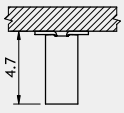
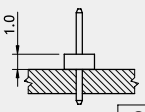
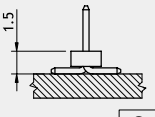
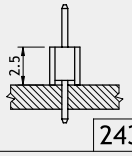
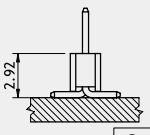
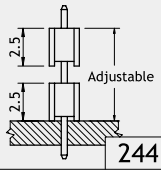
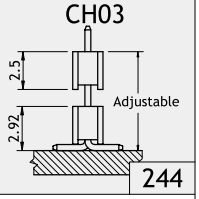
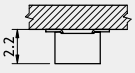
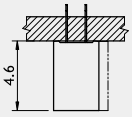
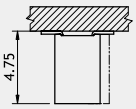


Mating Height

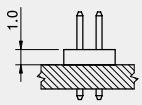
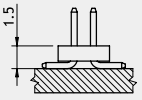
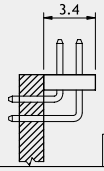
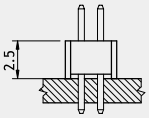
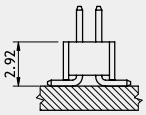
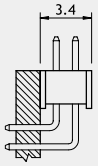
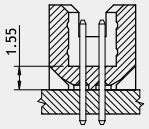
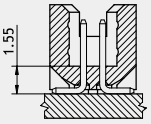
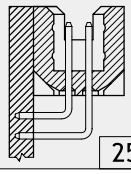
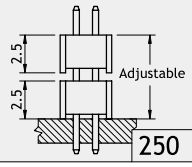
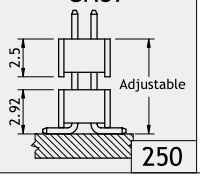
◎ Configuration

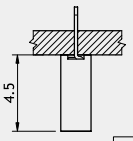
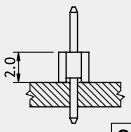
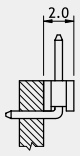
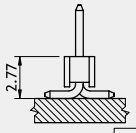
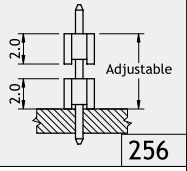
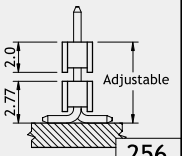
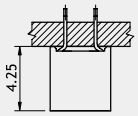
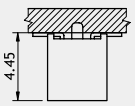
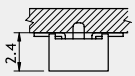
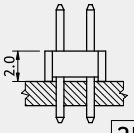
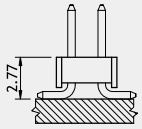
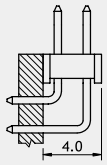
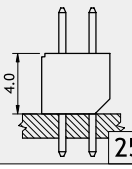
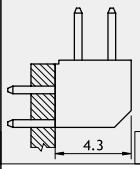
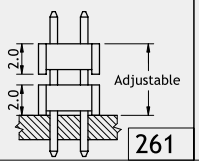
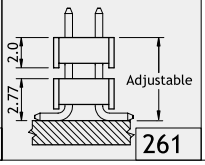
0.50mm Center spacing						
Dual Rows Board to Board	CBRC  1.5 218	CBRC  2.0 218				
	CBRB  2.5 216	CBRB  3.0 216	CBRB  3.5 216	CBRB  4.0 216	CBRB  4.5 216	CBRB  5.0 216

0.80mm Center spacing						
Dual Rows Board to Board	CBC3 & CHC3  5.7 223 & 241	CBRD  4.0 221	CBRD  5.0 221	CBRD  8.0 221		

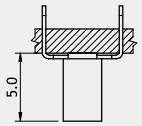
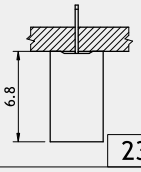
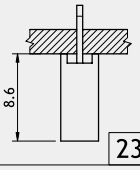
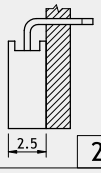
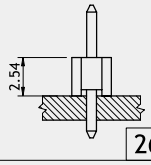
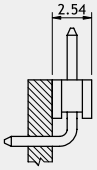
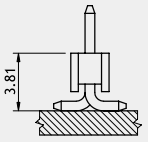
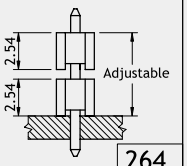
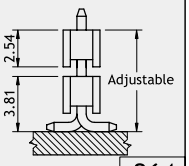
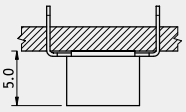
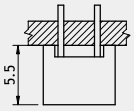
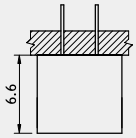
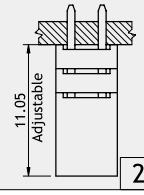
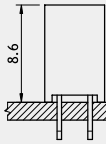
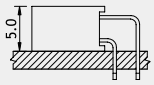
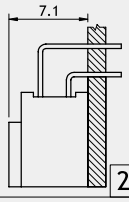
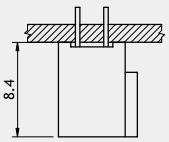
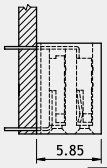
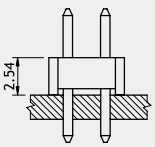
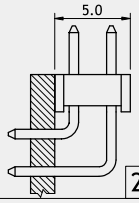
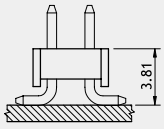
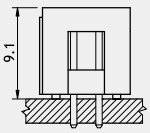
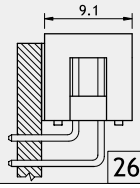
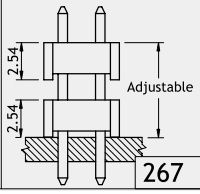
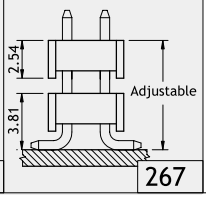
1.27mm Center spacing						
Single Row Female Header	CB01  4.6 224	CB01  4.7 224				
Single Row Header	CH01  1.0 242	CH01  1.5 242	CH02  2.5 243	CH02  2.92 243	CH03  2.5 Adjustable 2.5 244	CH03  2.5 Adjustable 2.92 244
Dual Rows Female Header	CB50  2.2 225	CBC1  4.6 226	CBC1  4.75 226			

System CB Board To Board Connectors Selection Index

1.27mm Center spacing						
Dual Rows Header	CH51  245	CH51  245	CH51  245	CH52  247	CH52  247	CH52  247
	CHC2  251	CHC2  251	CHC2  251	CH57  250	CH57  250	

2.0mm Center spacing						
Single Row Female Header	CB22  228					
Single Row Header	CH11  254	CH11  254	CH11  254	CH21  256	CH21  256	
Dual Rows Female Header	CB74  229	CB74  229	CB76  230			
Dual Rows Header	CH71  257	CH71  257	CH71  257	CH72  259	CH72  259	
	CH75  261	CH75  261				

System CB Board To Board Connectors Selection Index

2.54mm Center spacing						
Single Row Female Header	CB33  231	CB37  231	CB39  232	CB39  232		
Single Row Header	CH31  262	CH31  262	CH31  262	CH34  264	CH34  264	
Dual Rows Female Header	CB83  234	CB85  234	CB87  235	CB96  235	CB91  236	CB91  236
	CB94  237	CB94  237	CB97  238			
Dual Rows Header	CH81  265	CH81  265	CH81  265	CH87  268	CH87  268	
	CH85  267	CH85  267				

System CB Board To Board Connectors Technical Specifications

Testing Methods of Electronic Connectors Follow Below Military Standards

Dielectric Withstanding:	Per MIL-STD-1344A method 3001.1
Contact Resistance:	Per MIL-STD-1344A method 3002.1
Insulation Resistance:	Per MIL-STD-1344A method 3003.1
Solderability:	Per MIL-STD-202F method 208D

0.50mm (.020") Center spacing Board to Board Connectors

Electrical:
Current rating: 0.5 Amp
Dielectric Withstanding: 150 VAC for one minute
Contact Resistance: < 90 mΩ
Insulation Resistance: > 1000 MΩ
Operating Temperature: -55°C - +85°C

Physical:
High temperature plastic , Color Nature or Black
Flammability Rating: UL 94V-0
Contacts: Copper alloy
Contact plating: Gold over Nickel
See plating code for other options

0.80mm (.032") Center spacing Board to Board Connectors

Electrical:
Current rating: 0.5 Amp
Dielectric Withstanding: 500 VAC for one minute
Contact Resistance: < 20 mΩ
Insulation Resistance: > 100 MΩ
Operating Temperature: -40°C - +85°C

Physical:
High temperature plastic , Color Black
Flammability Rating: UL 94V-0
Contacts: Copper alloy
Contact plating: Tin over Nickel
See plating code for other options

1.27mm (.050") Center spacing Board to Board Connectors

Electrical:
Current rating: 1 Amp
Dielectric Withstanding: 600 VAC for one minute
Contact Resistance: < 20 mΩ
Insulation Resistance: > 1000 MΩ
Operating Temperature: -40°C - +105°C

Physical:
High temperature plastic ,Color Black
Flammability Rating: UL 94V-0
Contacts: Copper alloy
Contact plating: Gold over Nickel
See plating code for other options

2.00mm (.079") Center spacing Board to Board Connectors

Electrical:
Current rating: 1 Amp
Dielectric Withstanding: 1000 VAC for one minute
Contact Resistance: < 20 mΩ
Insulation Resistance: > 1000 MΩ
Operating Temperature: -40°C - +105°C

Physical:
DIP Type Header: Glass Filled Polyester, Color Black
SMT Type Header: High temperature plastic, Black
Flammability Rating: UL 94V-0
Contacts: Copper alloy
Contact plating: Gold over Nickel
See plating code for other options

2.54mm (.100") Center spacing Board to Board Connectors

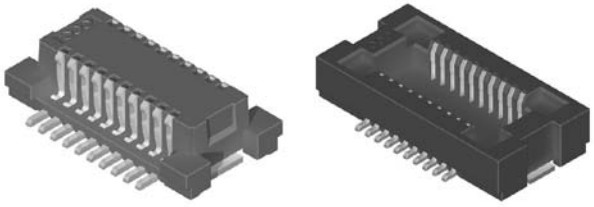
Electrical:
Current rating: 3 Amp
Dielectric Withstanding: 1000 VAC for one minute
Contact Resistance: < 20 mΩ
Insulation Resistance: > 1000 MΩ
Operating Temperature: -40°C - +105°C

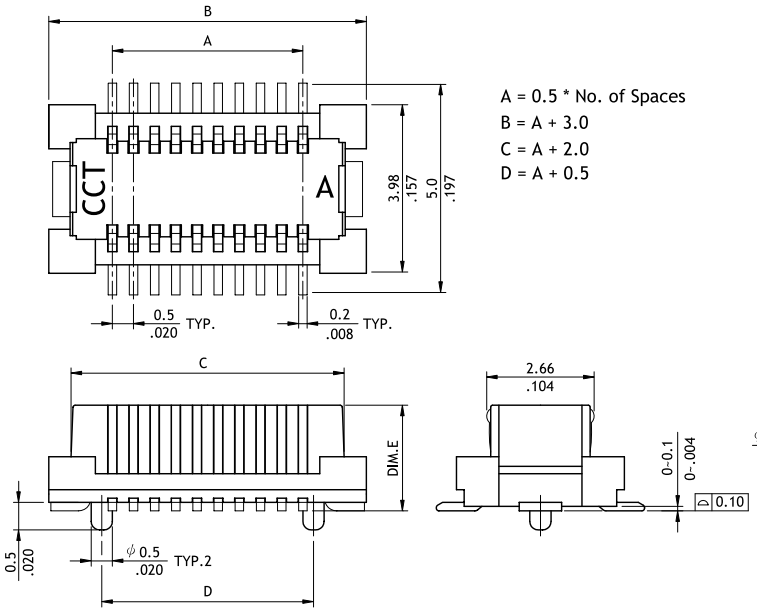
Physical:
DIP Type Header: Glass Filled Polyester, Color Black
SMT Type Header: High temperature plastic, Black
Flammability Rating: UL 94V-0
Contacts: Copper alloy
Contact plating: Gold over Nickel
See plating code for other options

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

◎ Mating height 2.5 , 3.0 , 3.5 , 4.0 , 4.5 , 5.0 mm
◎ Insulator: High temperature plastic UL94V-0 , Color Black

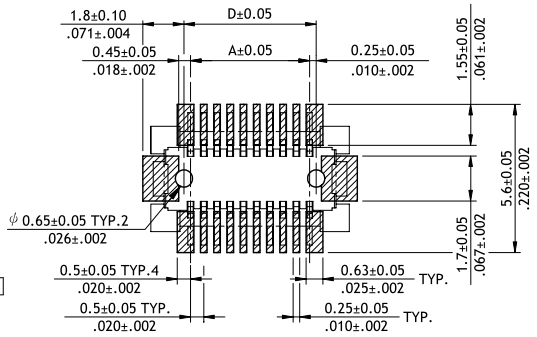
RoHS Compliant



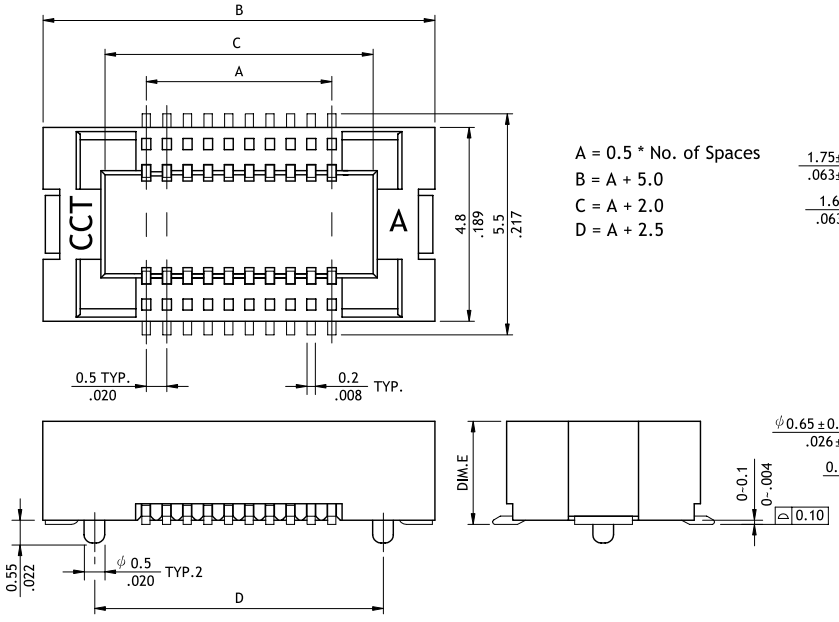


A = 0.5 * No. of Spaces
B = A + 3.0
C = A + 2.0
D = A + 0.5

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

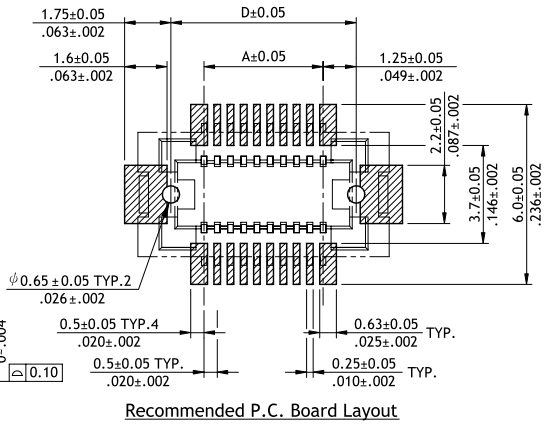


Recommended P.C. Board Layout



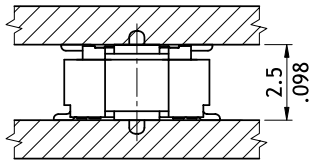
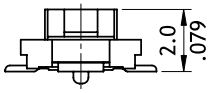
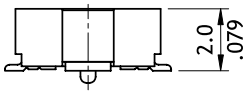
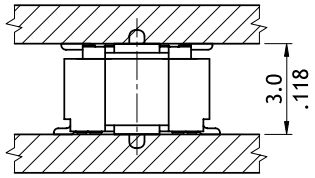
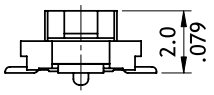
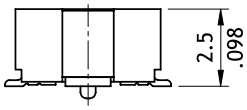
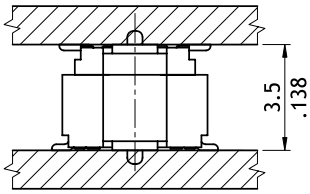
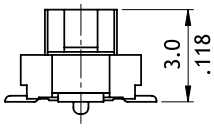
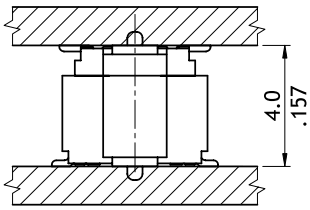
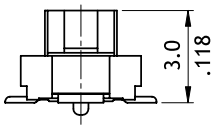
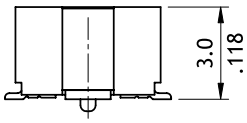
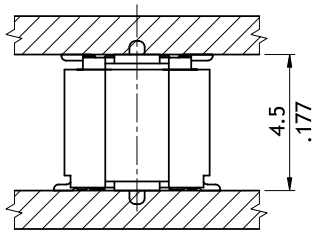
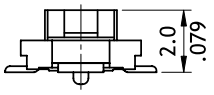
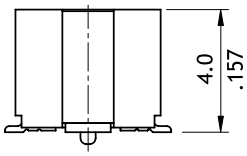
A = 0.5 * No. of Spaces
B = A + 5.0
C = A + 2.0
D = A + 2.5

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



Recommended P.C. Board Layout

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

Mating height	Plug	Receptacle
	 P/N:CBRB***PA2FP1R0	 P/N:CBRB***SA2FP1R0
	 P/N:CBRB***PA2FP1R0	 P/N:CBRB***SB2FP1R0
	Circuits: 10~60 Pin  P/N:CBRB***PC2FP1R0	
	Circuits: 10~60 Pin  P/N:CBRB***PC2FP1R0	 P/N:CBRB***SC2FP1R0
	 P/N:CBRB***PA2FP1R0	 P/N:CBRB***SE2FP1R0

Ordering Code

❶ CBRB ❷ 020 ❸ P ❹ A ❺ 2 ❻ F ❼ P1 ❽ R ❾ 0 – ❿ NH

❶ Series No.

❷ Circuits: 010 to 080

❸ Connector Type:
P= Plug , S= Receptacle

❹ Height:
Plug:
A: Dim E = 2.0 mm
C: Dim E = 3.0 mm
Receptacle:
A: Dim E = 2.0 mm
B: Dim E = 2.5 mm
C: Dim E = 3.0 mm
E: Dim E = 4.0 mm

❺ Plating code:
2= Gold flash over Nickel

❻ Tabs options:
F= With Fixed Tabs, 0= Without Fixed Tab

❼ Pegs options:
P1= With Pegs, 00= Without Peg

❽ Packing options:
R= Tape & Reel

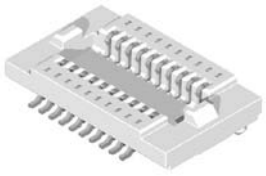
❾ Other options:
0= Standard

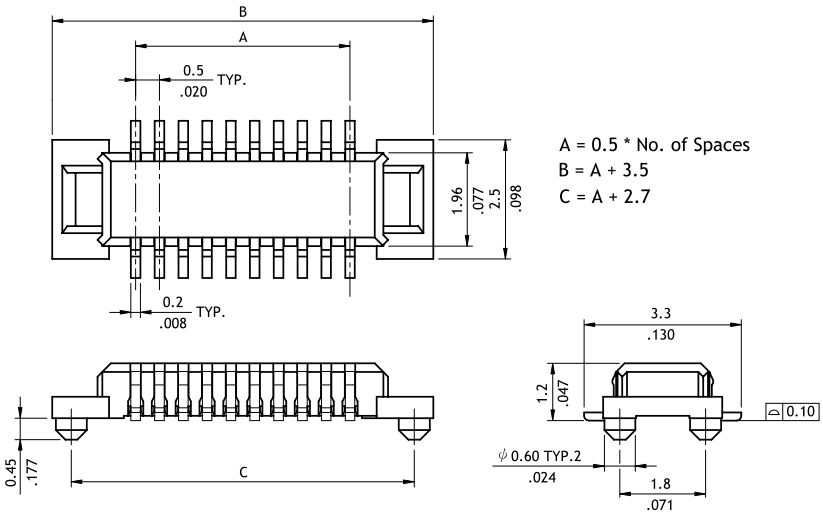
❿ -NH = For Lead Free IR Processes and Halogen-Free

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

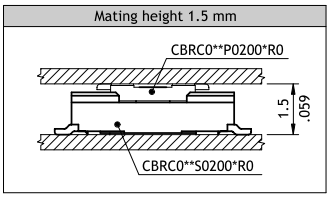
◎ Mating height 1.5 mm & 2.0mm
◎ Insulator: High temperature plastic UL 94V-0 , Color Nature

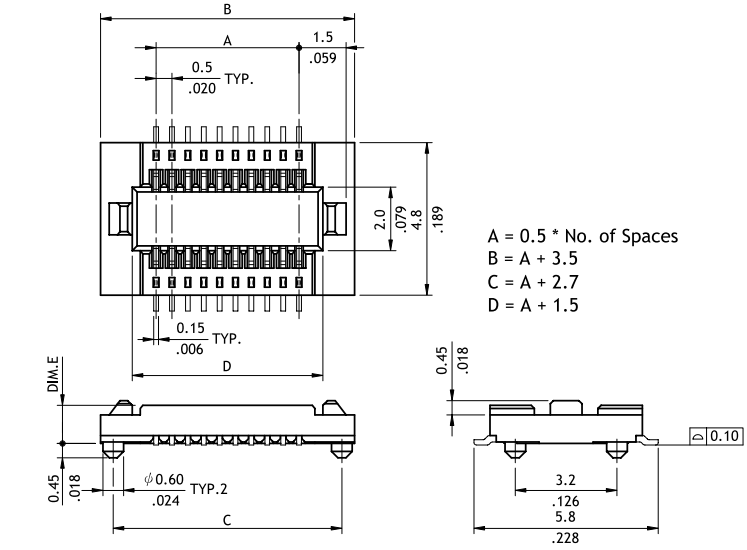
RoHS Compliant



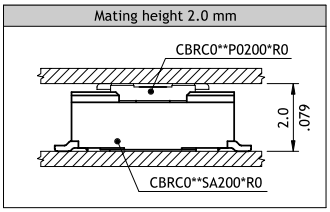


A = 0.5 * No. of Spaces
B = A + 3.5
C = A + 2.7





A = 0.5 * No. of Spaces
B = A + 3.5
C = A + 2.7
D = A + 1.5



Mating Height	Dim.E
1.5 mm	1.2
2.0 mm	1.7

Ordering Code

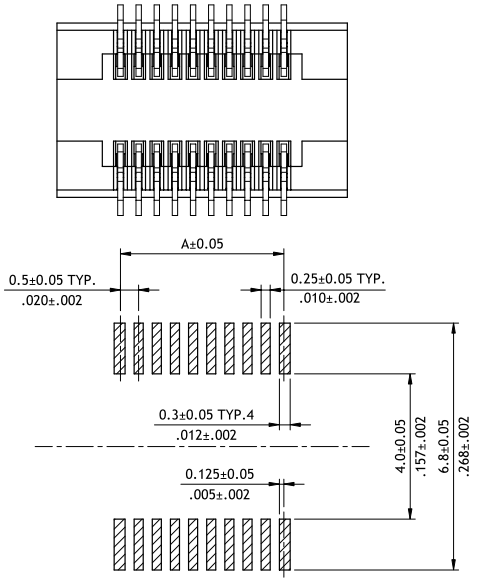
❶	❷	❸	❹	❺	❻	❼
CBRC	020	P0	2	001	R	0

❶ Series No.
❷ Circuits: 010 to 012
❸ Connector Type:
P0 = Plug
S0 = Receptacle (Dim.E = 1.2mm)
SA = Receptacle (Dim.E = 1.7mm)
❹ Plating code:
2= Gold flash over Nickel
❺ Pegs Options:
000= Without Peg
001= With Pegs
❻ Packing Option:
R= Tape & Reel
❼ Other option:
0= Standard

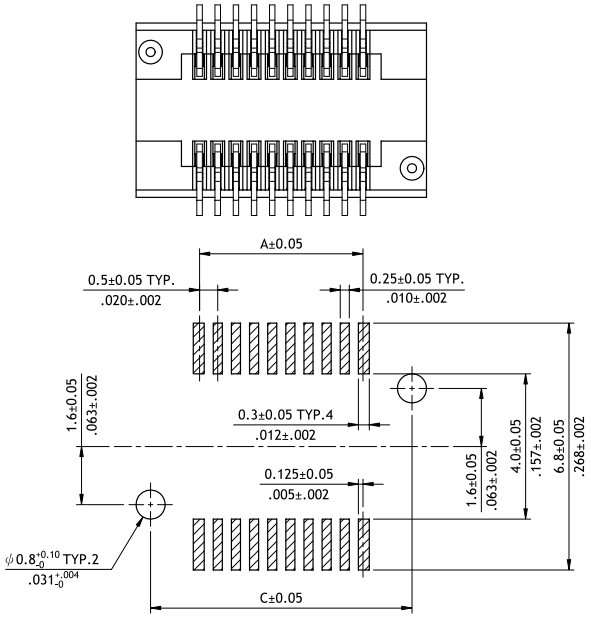
CBRC Series 0.50(.020") Board To Board Connectors

Receptable Pegs option code:

000	Without Peg	001	With Pegs



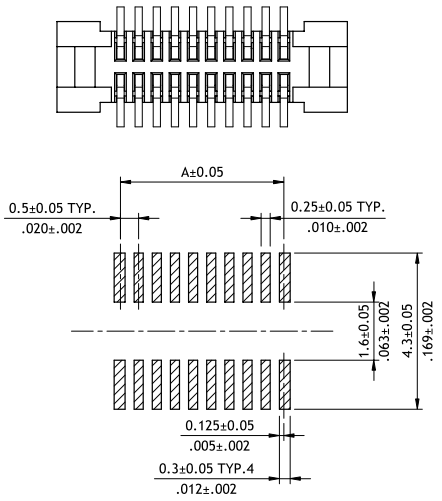
Solder Pad Pattern



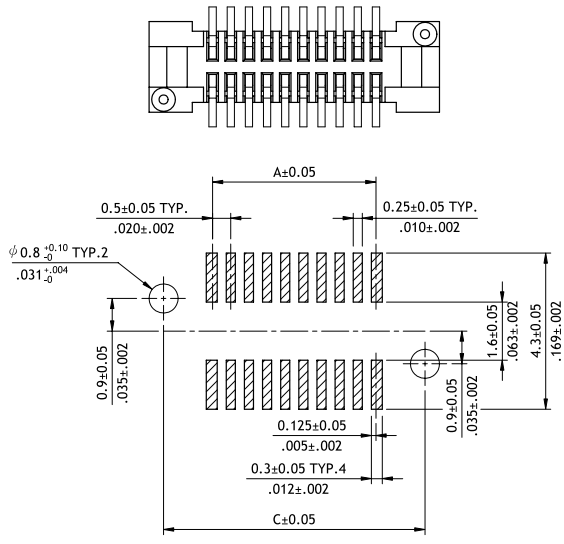
Solder Pad Pattern

Plug Pegs option code:

000	Without Peg	001	With Pegs



Solder Pad Pattern



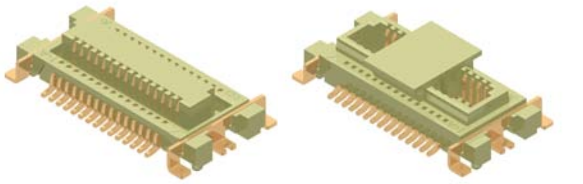
Solder Pad Pattern

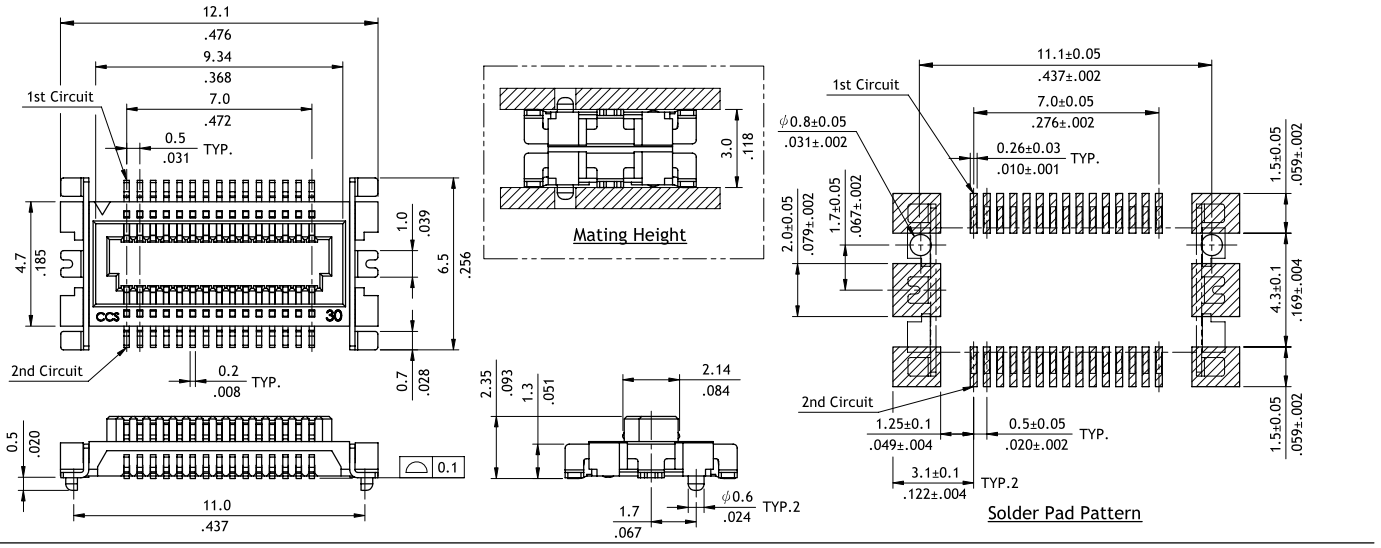
CBRE Series 0.50(.020") Board To Board Connectors

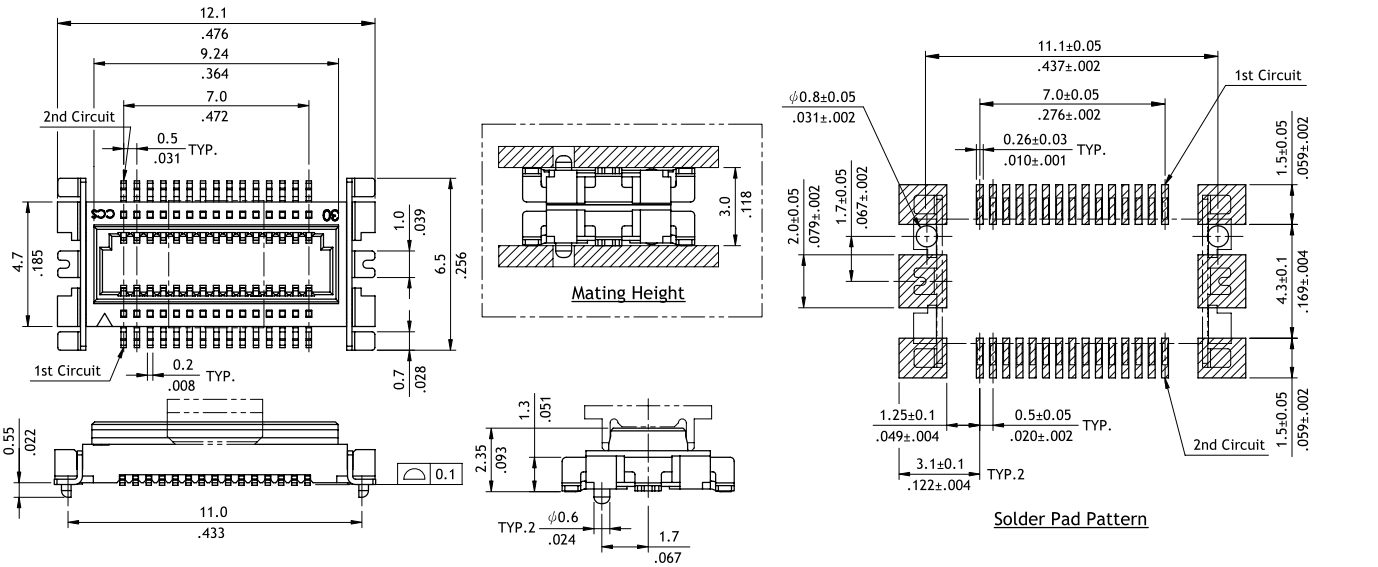
NEW

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

RoHS Compliant







Ordering Code

❶ ❷ ❸ ❹ ❺ ❻ ❼ ❽ ❾ ❿

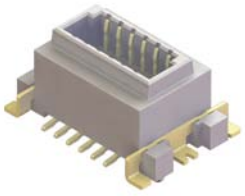
CBRE 030 P A 2 F P1 R 0 – NH

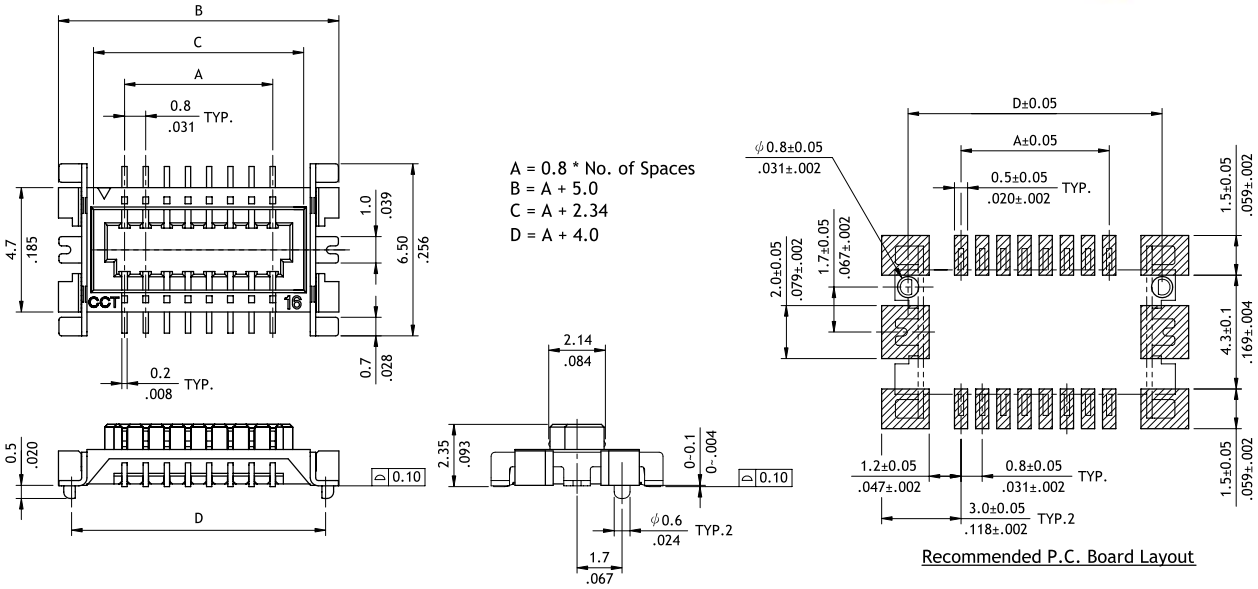
❶ Series No.
❷ No. of Contact: 30 PIN
❸ Connector Type: P = Plug
S = Receptacle
❹ Height: A = 2.35mm
❺ Plating code
2 = Gold flash over Nickel
❻ Fixed Tab Option:
F = With Fixed Tabs
❼ Pegs Option: P1 = With Pegs
❽ Packing Option: R = Tape & Reel
❾ Other Option: 0 = Standard
❿ -NH = For Lead Free IR Processes and Halogen-Free

CBRD Series 0.80(.032") Board To Board Connectors

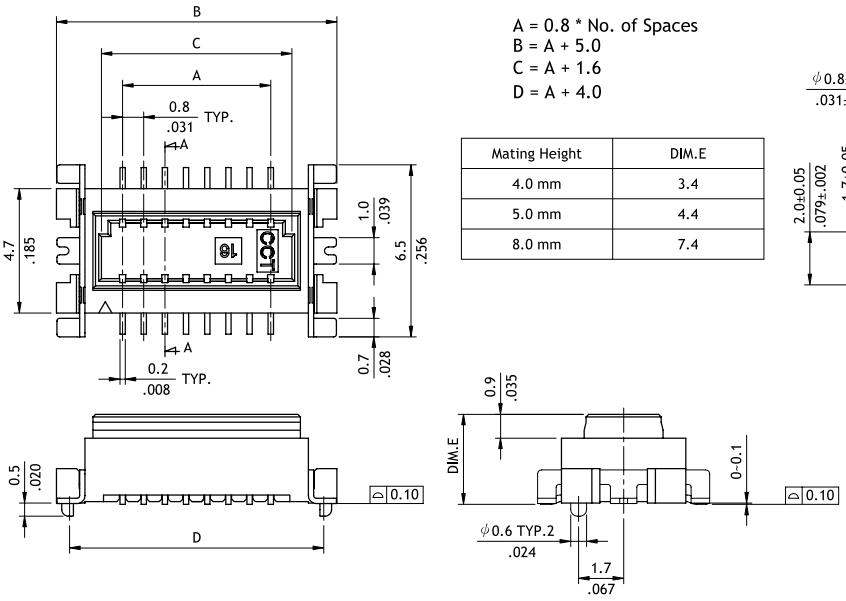
◎ Mating height 4.0, 5.0, 8.0 mm
◎ Insulator: High temperature plastic UL94V–0, Color Nature

RoHS Compliant





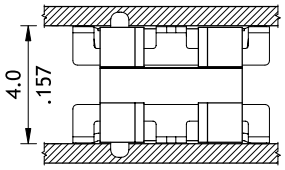
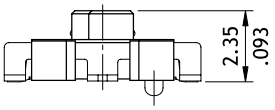
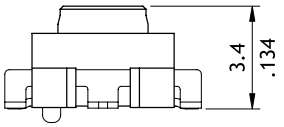
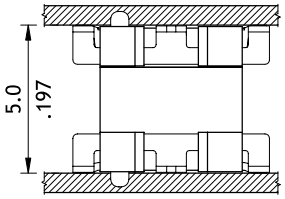
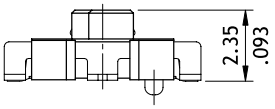
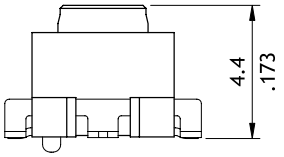
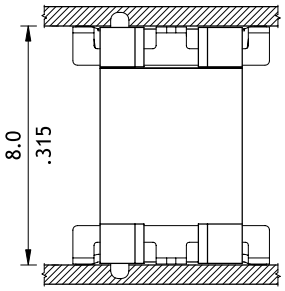
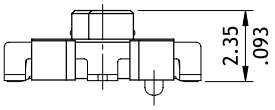
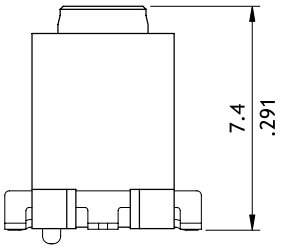
Recommended P.C. Board Layout



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

Recommended P.C. Board Layout

CBRD Series 0.80(.032") Board To Board Connectors

Mating height	Plug	Receptacle
	 P/N:CBRD***PA2FP1R0	 P/N:CBRD***SA2FP1R0
	 P/N:CBRD***PA2FP1R0	 P/N:CBRD***SB2FP1R0
	 P/N:CBRD***PA2FP1R0	 P/N:CBRD***SE2FP1R0

Ordering Code

❶ ❷ ❸ ❹ ❺ ❻ ❼ ❽ ❾ ❿

C B R D | 0 8 0 | S | A | 2 | F | P 1 | R | 0 | – NH

❶ Series No.

❷ No. of Contact:
(Available: 10,12,14
16,20,24,26,30,34,36
40,50,60,80 circuits)
Circuits not found above please consult manufacturer

❸ Connector Type: P = Plug
S = Receptacle

❹ Height:
Plug: A: DIM.E = 2.35 mm
Receptacle:
A: DIM.E=3.40mm; B: DIM.E=4.40mm
E: DIM.E=7.40mm

❺ Plating code:
2= Gold flash over Nickel

❻ Fixed Tab Option:
0 = Without Fixed Tab
F = With Fixed Tabs

❼ Pegs Option: 00 = Without Peg
P1 = With Pegs

❽ Packing Option: R = Tape & Reel

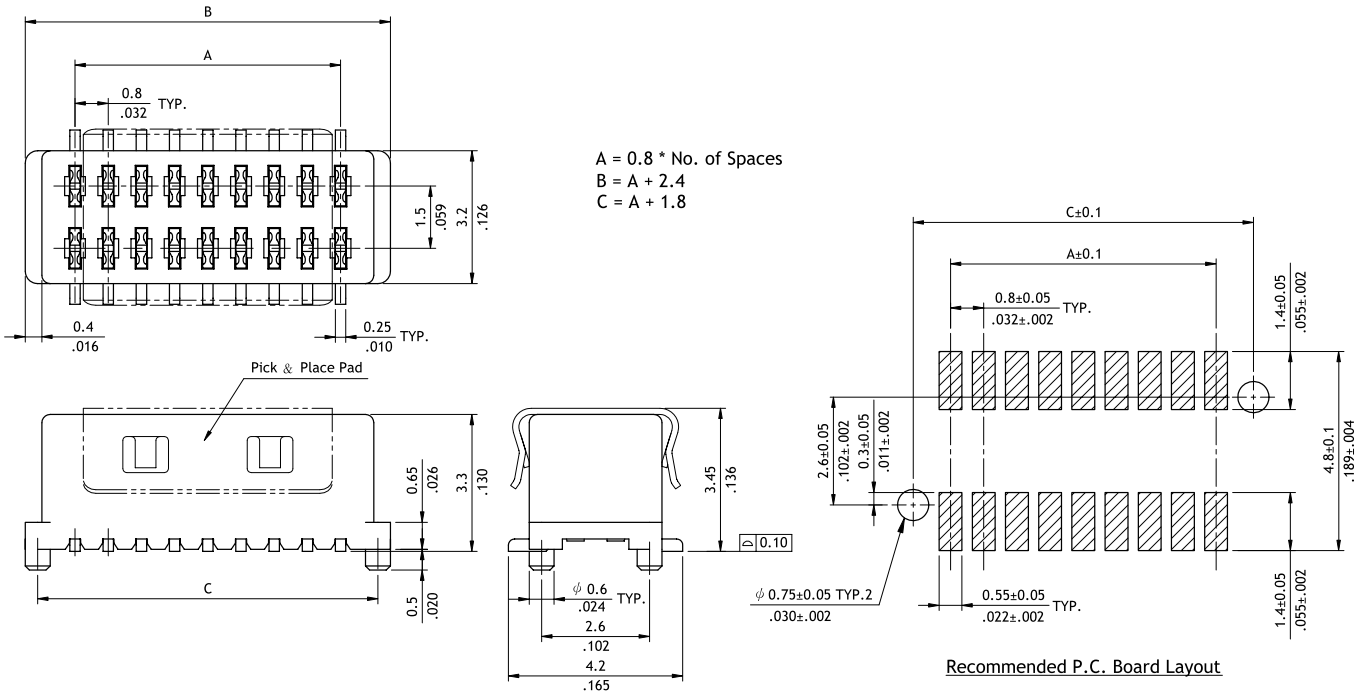
❾ Other Option: 0 = Standard

❿ -NH = For Lead Free IR Process and Halogen-Free

CBC3 Series 0.80(.032") Dual Row Female Headers

◎ Mates with CHC3 header
◎ Insulator: High temperature plastic UL 94V-0 , Color Black

RoHS Compliant



Ordering Code

❶	❷	❸	❹	❺	❻	❼
CBC3	36	1	M	1	R	0

❶ Series No.
❷ Circuits:
06 to 36

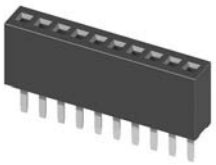
❸ Plating code:
1= Tin over Nickel
2= Gold flash over Nickel
❹ Tail Style :
M= SMT Type
❺ Insulator Color :
1= Black

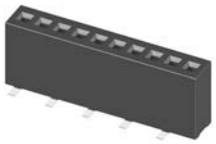
❻ Packing:
T= Tube
R= Tape & Reel (With pick & place pad)
❼ Other Options: 0= Standard
*Special options consult manufacturer

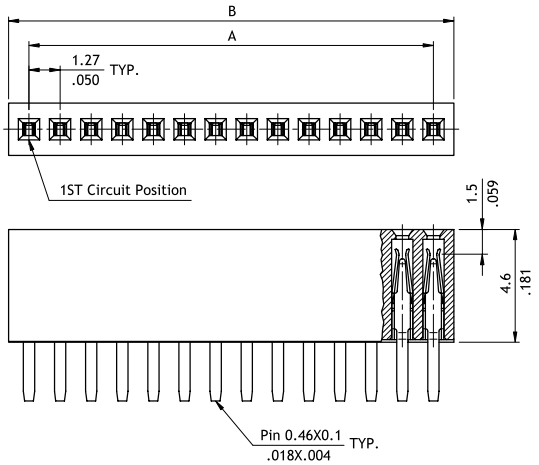
CB01 Series 1.27(.050") Single Row Female Headers

◎ Mates with CH01,CH02 and CH03 series

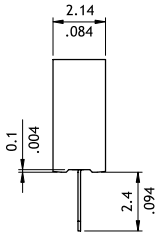
RoHS Compliant

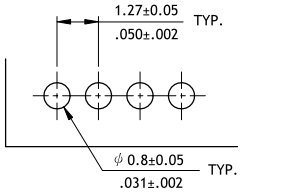




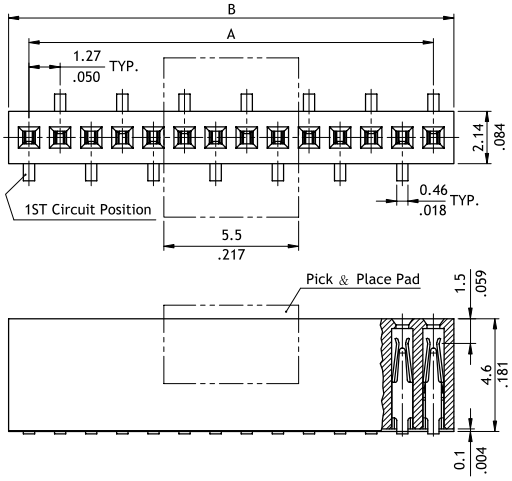


A = 1.27 * No. of Spaces
B = A + 1.67

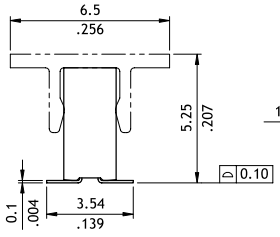


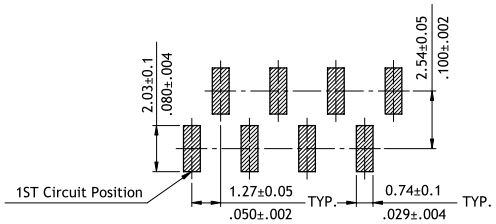


Recommended P.C. Board Layout



A = 1.27 * No. of Spaces
B = A + 1.67





Recommended P.C. Board Layout

Ordering Code

❶	❷	❸	❹	❺	❻		❼	❽
CB01	50	2	M	1	00	–	2	P

❶ Series No.

❷ Circuits:
04 to 50

❸ Plating code:
2= Gold flash over Nickel

❹ Tail Style:
M= SMT Type
D= DIP Type

❺ Insulator Color: 1= Black

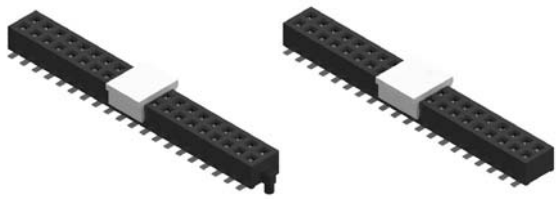
❻ Other Options:
00= Standard

❼ Mating Header Pin Size:
2= 0.4mm Square Pin

❽ Packing options:
0= Without Pick & Place Pad (Tube packing)
P= With Pick & Place Pad (Tape & Reel)
*Code 7 and 8 for SMT Type only

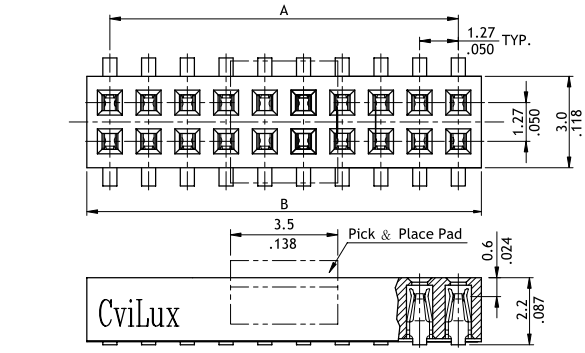
CB50 Series 1.27(.050") Dual Row Female Headers

◎ Ultra Low profile
◎ Top and Bottom entry available
◎ High performance contact design
◎ Mates with CH51,CH52, CH53 and CH57 series



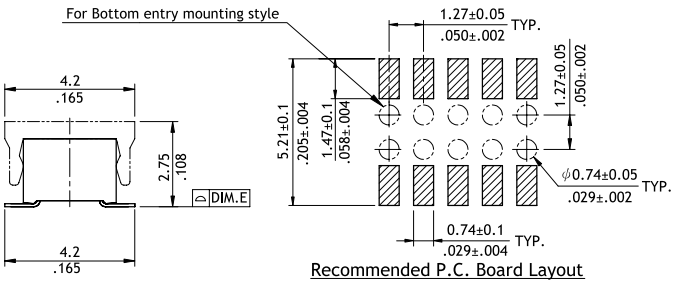
RoHS Compliant

P/N	CB50**20**0	◎ Without Peg



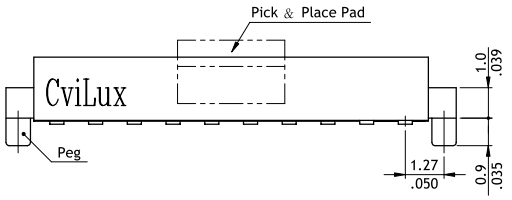
Dim. A = 1.27 X No. of Spaces
Dim. B = Dim. A + 1.67
Dim. C = Dim. A - 1.27

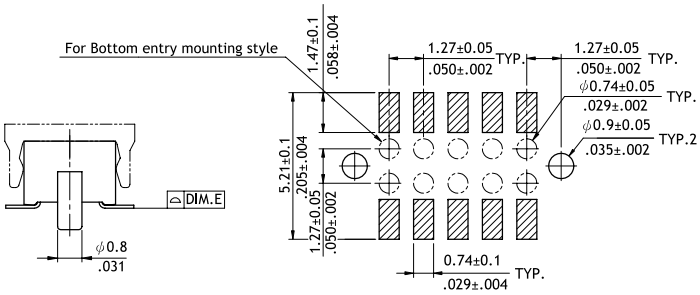
CIRCUITS	DIM.E
6-48P	0.10
50-60P	0.15



Recommended P.C. Board Layout

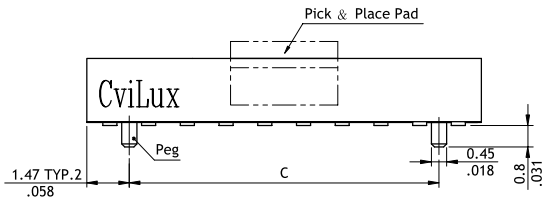
P/N	CB50**2P**0	◎ Pegs Type 1

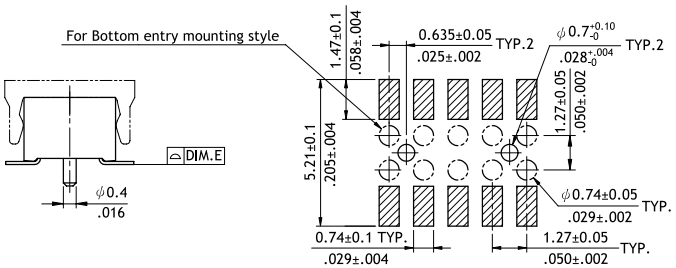




Recommended P.C. Board Layout

P/N	CB50**2A**0	◎ Pegs Type 2





Recommended P.C. Board Layout

Ordering Code

❶	❷	❸	❹	❺	❻	❼
CB50	60	2	0	0	T	0

❶ Series No.
❷ Circuits:
06 to 60

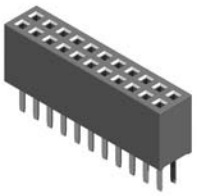
❸ Plating code:
2= Gold flash over Nickel
❹ Type:
0= Without Peg , P= With Pegs Type 1
A= With Pegs Type 2
❺ 0= Without Pick & Place Pad
P= With Pick & Place Pad

❻ Packing:
T= Tube Packing , R= Tape & Reel
❼ Other Options: 0= Standard
*Special options consult manufacturer

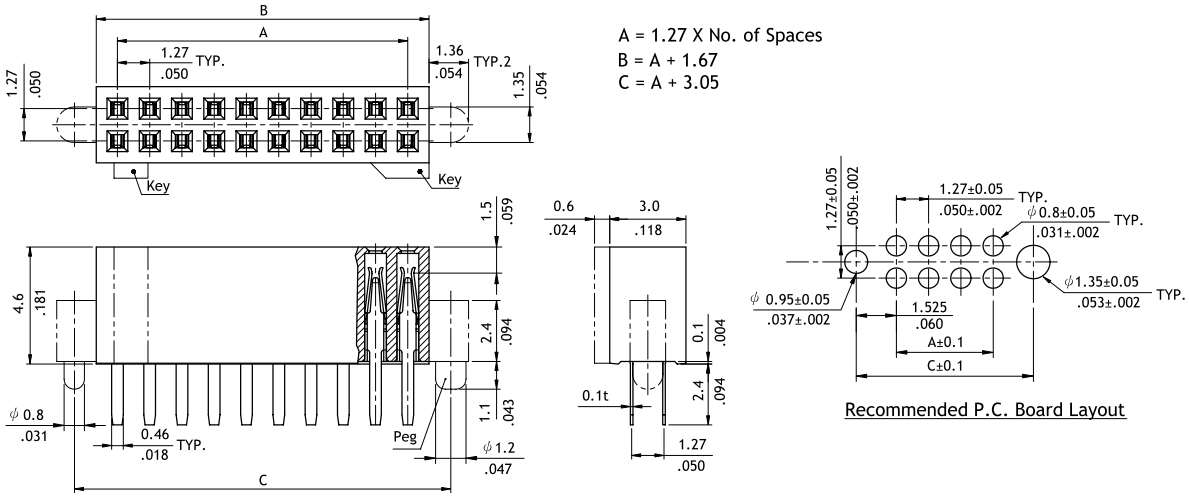
CBC1 Series 1.27(.050") Dual Row Female Headers

◎ 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



DIP TYPE



Ordering Code

❶	❷	❸	❹	❺	❻
CBC1	60	2	D	1	00

❶ Series No.
❷ Circuits:
with keys:
10,20,30 ~60
without keys:06~60

❸ Plating code:
2= Gold flash over Nickel (DIP Type)

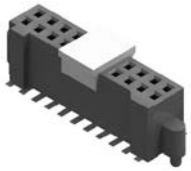
❹ Tail Style:
D= DIP Type

❺ Insulator Color :1= Black
❻ Other options:
DIP Type:
00= Without Key and peg
10= With Key and Pegs
20= Without Key and with Pegs

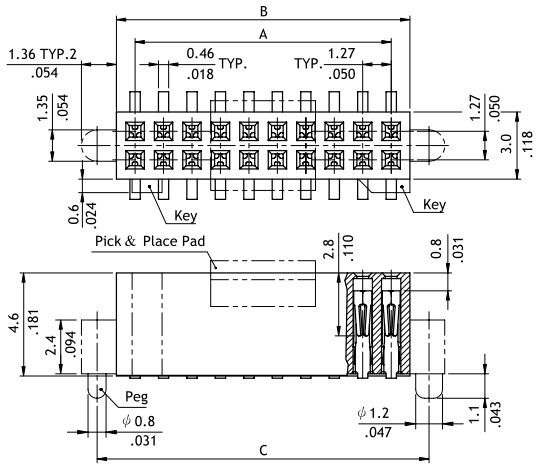
CBC1 Series 1.27(.050") Dual Row Female Headers

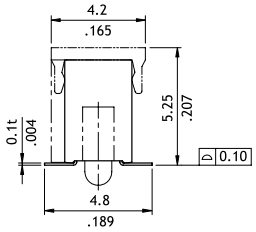
◎ Mates with CH51,CH52,CH53,CH57 and CHC2 series
◎ Pick and Place Pad available
◎ High performance contact design
◎ Option with PCB pegs

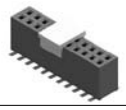
RoHS Compliant



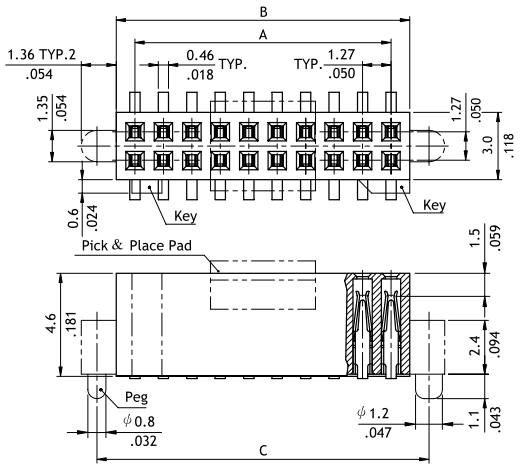
P/N: CBC1**2M1*0-1*



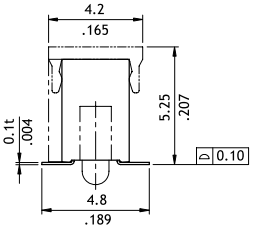


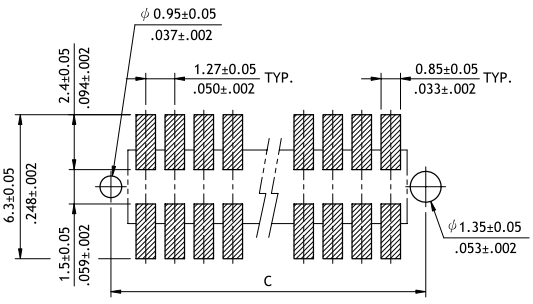
Without Key and Peg ; Without Pick & Place Pad	
With Key and Pegs ; Without Pick & Place Pad	
Without Key ; With Pegs ; Without Pick & Place Pad	
Without Key and Peg ; With Pick & Place Pad	
With Key and Pegs ; With Pick & Place Pad	
Without Key ; With Pegs ; With Pick & Place Pad	

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



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





Recommended P.C. Board Layout

Ordering Code

❶ ❷ ❸ ❹ ❺ ❻ ❼ ❽ ❾
CBC1 60 2 M 1 0 0– 2 P

❶ Series No.
❷ Circuits:
with keys:
10,20 ~ 60
without key:
06~60

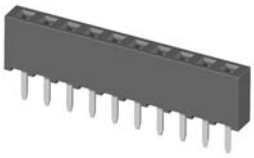
❸ Plating code:
2= Gold flash over Nickel
❹ Tail Style:
M= SMT Type
❺ Insulator Color :1= Black
❻ Other options:
0= Without Key and Peg
1= With Keys and Pegs
2= Without key and with pegs

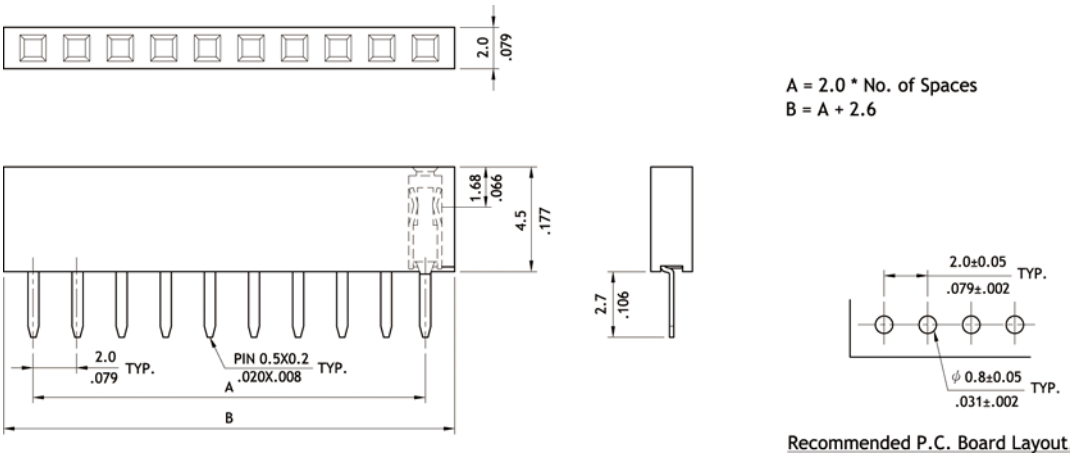
❼ Other option:
0= Standard.
❽ Mating Header Pin Size:
1= 0.46mm Round Pin
2= 0.4mm Square Pin
❾ Other option:
0= Without Pick & Place Pad (Tube packing)
P= With Pick & Place Pad (Tape & Reel)

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

◎ Mates with CH11 and CH21 series

RoHS Compliant





A = 2.0 * No. of Spaces
B = A + 2.6

Recommended P.C. Board Layout

Ordering code

❶	❷	❸	❹	❺	❻
CB22	40	2	V	1	00

❶ Series No.
❷ Circuits:
02 to 40

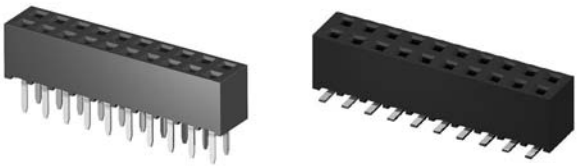
❸ Plating code:
❹ 2= Gold flash over Nickel
❺ Tail Style: V= Straight
Insulator Color: 1= Black

❻ Other options:
00= Standard
*Special options consult manufacturer

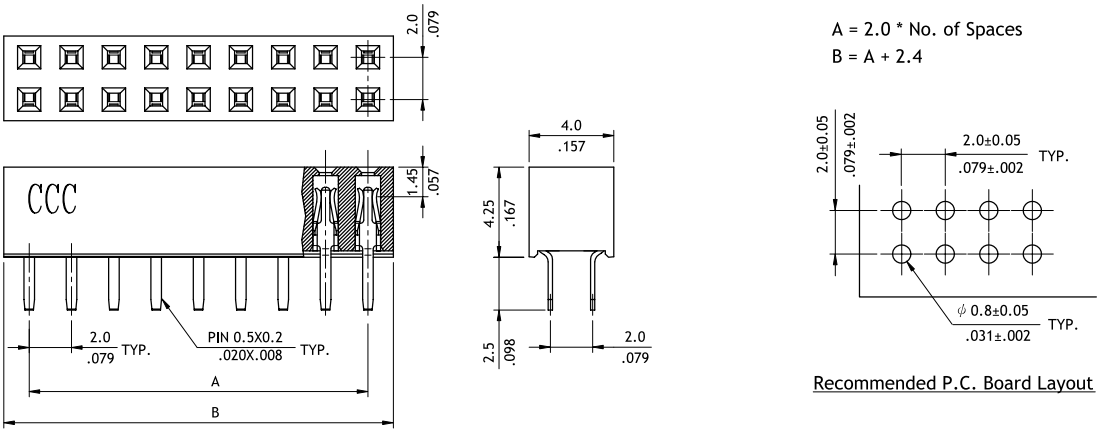
CB74 Series 2.00(.079") Dual Row Female Headers

◎ Mates with CH71, CH72 and CH75 series

RoHS Compliant



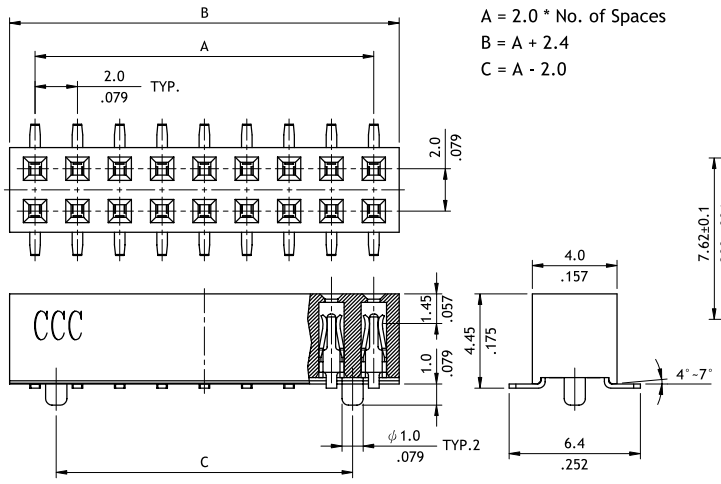
P/N	CB74**2V100



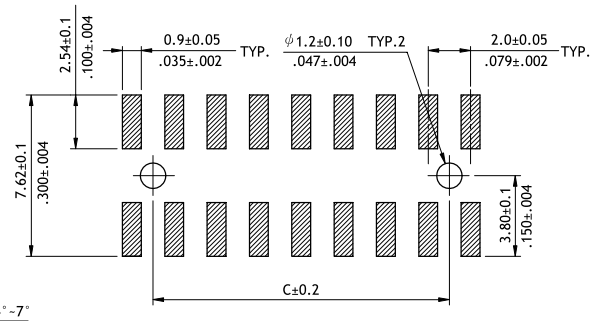
A = 2.0 * No. of Spaces
B = A + 2.4

Recommended P.C. Board Layout

P/N	CB74**2M100



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



Recommended P.C. Board Layout

Ordering Code

❶ ❷ ❸ ❹ ❺ ❻

CB74 80 2 M 1 00

❶ Series No.
❷ Circuits:
04 to 80

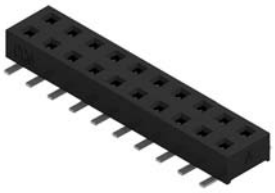
❸ Plating code:
2= Gold flash over Nickel
❹ Tail Style:
V= Top entry DIP Type
M= Top entry SMT Type

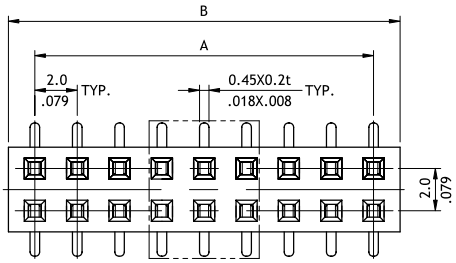
❺ Insulator Color : 1= Black
❻ Other options:
00= Standard
*Special options consult manufacturer

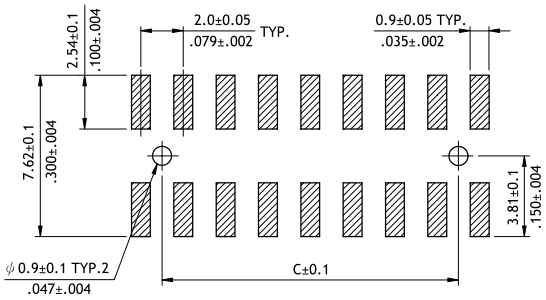
CB76 Series 2.00(.079") Dual Row Female Headers

◎ Mates with CH71, CH72 and CH75 series

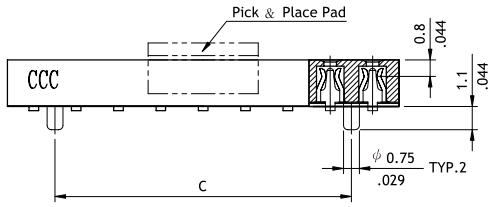
RoHS Compliant

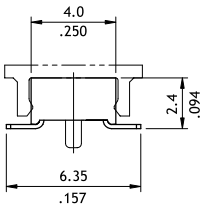






Recommended P.C. Board Layout





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

Ordering Code

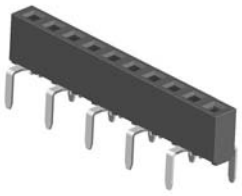
❶	❷	❸	❹	❺	❻	❼
CB76	80	2	M	1	0	0

❶ Series No.
❷ Circuits: 04 to 80
❸ Plating code:
2= Gold flash over Nickel
❹ Tail Style:
M= SMT type
❺ Insulator Color :
1= Black
❻ Pegs Options:
0= With Pegs, 1= Without Peg
❼ Other Options:
0= Tube Packing
R= Pick & Place Pad (Tape & Reel)

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

◎ Mates with CH31 and CH34

RoHS Compliant



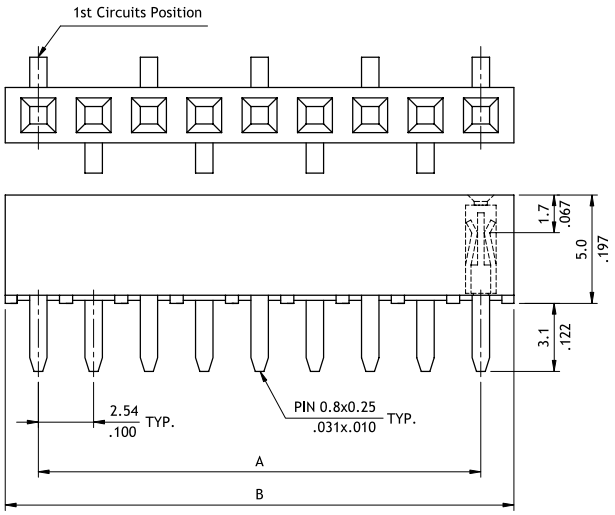
Ordering code

❶	❷	❸	❹	❺	❻
CB33	40	2	R	1	00

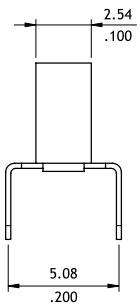
❶ Series No.
❷ Circuits:
02 to 40

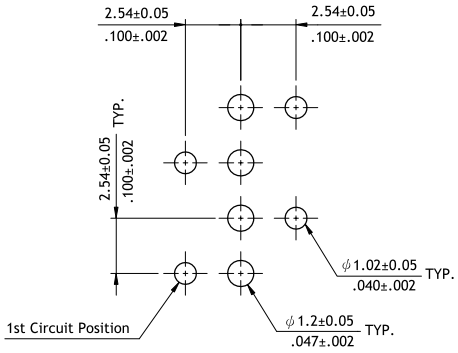
❸ Plating code:
2= Gold flash over Nickel
❹ Tail Style: R= Dual Entries
❺ Color: 1= Black

❻ Other options:
00= Standard
*Special options Consult manufacture



A = 2.54 * No. of Spaces
B = A + 2.64





Recommended P.C. Board Layout

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

◎ Mates with CH31 and CH34

RoHS Compliant

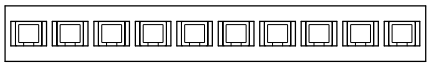
Ordering code

❶	❷	❸	❹	❺	❻
CB40	40	A	V	1	00

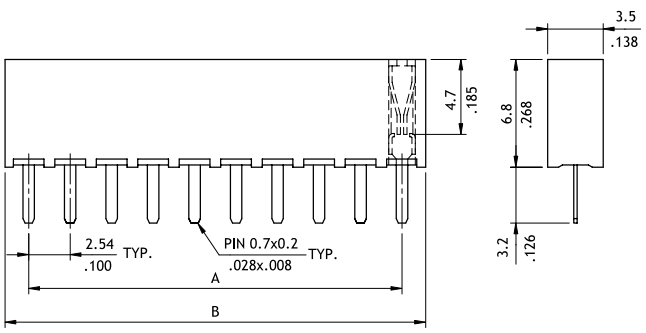
❶ Series No.
❷ Circuits:
02 to 40

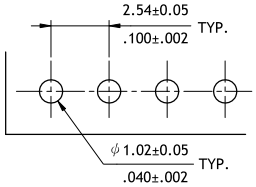
❸ Plating code:
A= Selective Gold flash over Nickel
❹ Tail Style: V= Vertical
❺ Color: 1= Black

❻ Other options:
00= Standard
*Special options Consult manufactur



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



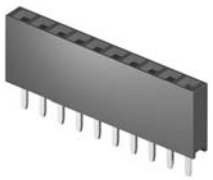


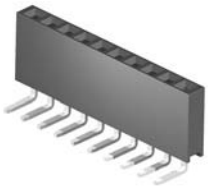
Recommended P.C. Board Layout

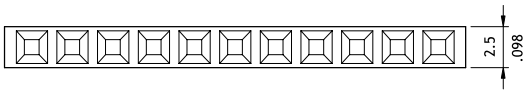
CB39 Series 2.54(.100") Single Row Female Headers

◎ Mates with CH31 and CH34

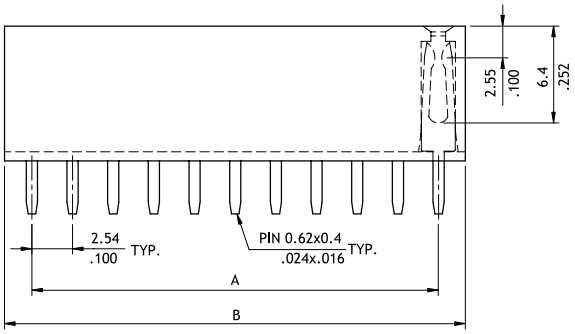
RoHS Compliant

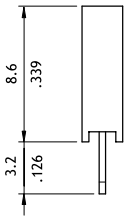


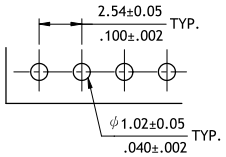




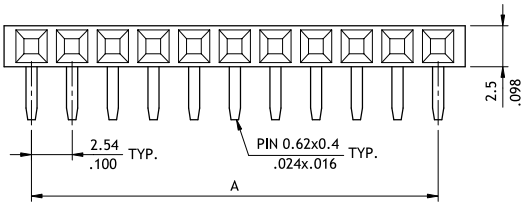
A = 2.54 * No. of Spaces
B = A + 3.0



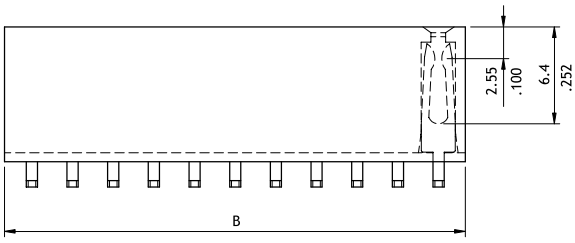


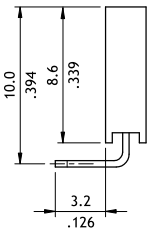


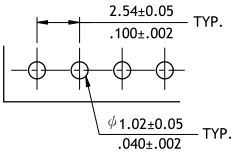
Recommended P.C. Board Layout



A = 2.54 * No. of Spaces
B = A + 3.0







Recommended P.C. Board Layout

Ordering Code

❶	❷	❸	❹	❺	❻
CB39	40	2	V	1	00

❶ Series No.
❷ Circuits:
02 to 40

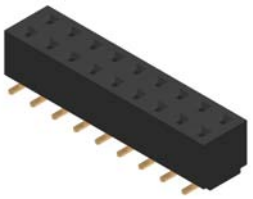
❸ Plating code:
2=Gold flash over Nickel
❹ Tail Style:
V=Vertical
H=Right Angle

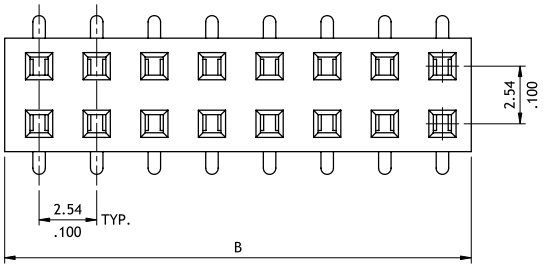
❺ Color:1=Black
❻ Other options:
00=Standard
*Special options consult manufacturer

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

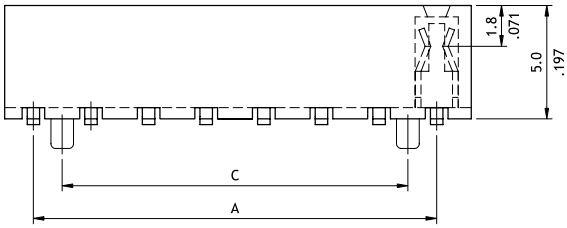
◎ Mates with CH81,CH84,CH85,CH87, and CH88

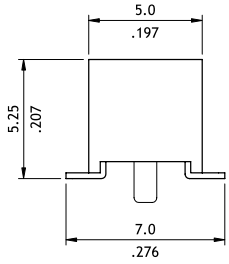
RoHS Compliant

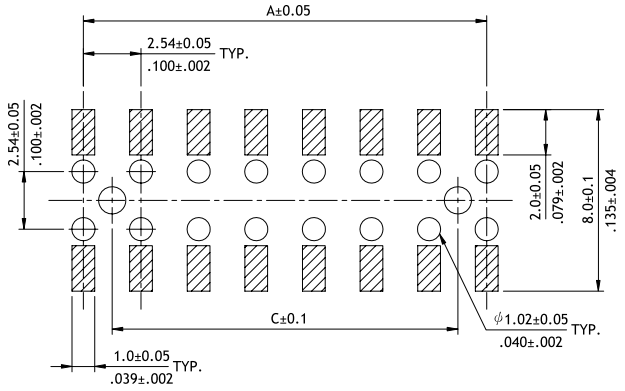




A = 2.54 * No. of Spaces
B = A + 3.04
C = A - 2.54







Recommended P.C. Board Layout

Ordering Code

❶	❷	❸	❹	❺	❻
CB41	80	2	M	1	00

❶ Series No.

❷ No. of Contacts:
4 to 80

❸ Plating option:
2 = Gold flash plated over 1.27μm(50μ") Nickel

❹ Tail Style: M = SMT type

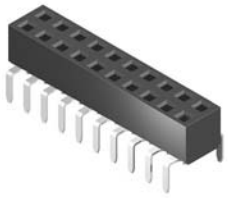
❺ Color: 1 = Black

❻ Other Option:
00 = Standard
0P = With Pegs

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

◎ Mates with CH81,CH84 and CH85

RoHS Compliant



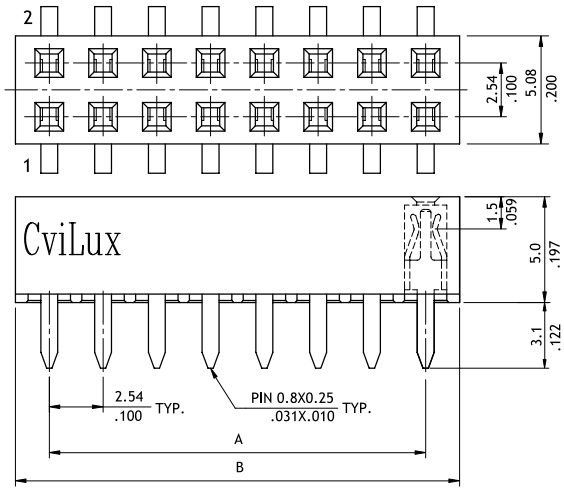
Ordering code

❶ CB83 ❷ 80 ❸ 2 ❹ R ❺ 1 ❻ 00

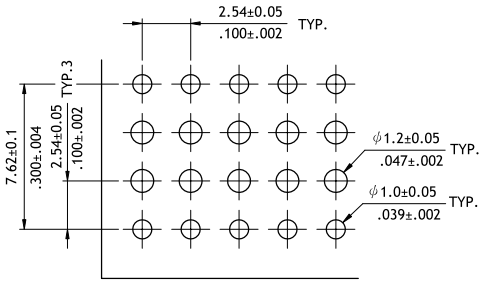
❶ Series No.
❷ Circuits:
04 to 80

❸ Plating code:
2= Gold flash over Nickel
❹ Tail Style: R= Dual entries

❺ Color: 1= Black
❻ Other options:
00= Standard
*Special options consult manufacturer



A = 2.54 * No. of Spaces
B = A + 3.2

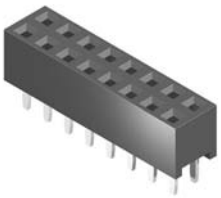


Recommended P.C. Board Layout

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

◎ Mates with CH81,CH84 and CH85

RoHS Compliant



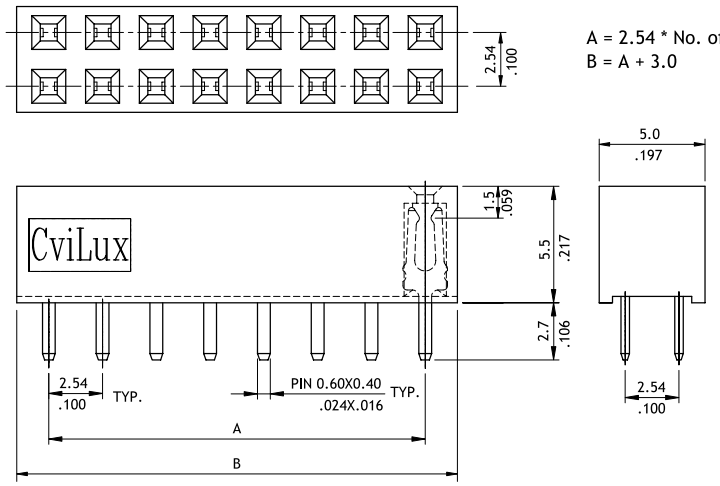
Ordering code

❶ CB85 ❷ 80 ❸ 2 ❹ V ❺ 1 ❻ 00

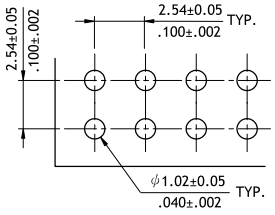
❶ Series No.
❷ Circuits:
04 to 80

❸ Plating code:
2= Gold flash over Nickel
❹ Tail Style: V= Vertical

❺ Color: 1= Black
❻ Other options:
00= Standard
*Special options consult manufacturer



A = 2.54 * No. of Spaces
B = A + 3.0

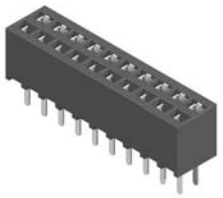


Recommended P.C. Board Layout

CB87 Series 2.54(.100") Dual Row Female Headers

◎ Mates with CH81,CH84 and CH85

RoHS Compliant



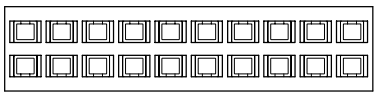
Ordering code

❶ CB 87 ❷ 80 ❸ A ❹ V ❺ 1 ❻ 00

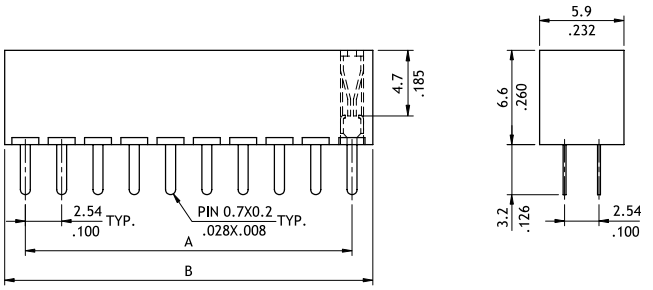
❶ Series No.
❷ Circuits:
04 to 80

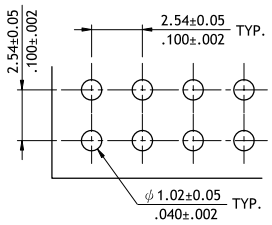
❸ Plating code:
A=Selective Gold flash over Nickel
❹ Tail Style: V= Vertical

❺ Color: 1= Black
❻ Other options:
00= Standard
*Special options consult manufacturer



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





Recommended P.C. Board Layout

CB96 2.54(.100") Dual Row Female Headers

◎ Mates with CH81,CH84 and CH85

RoHS Compliant

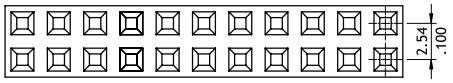
Ordering code

❶ CB 96 ❷ 80 ❸ 2 ❹ V ❺ 1 ❻ 00

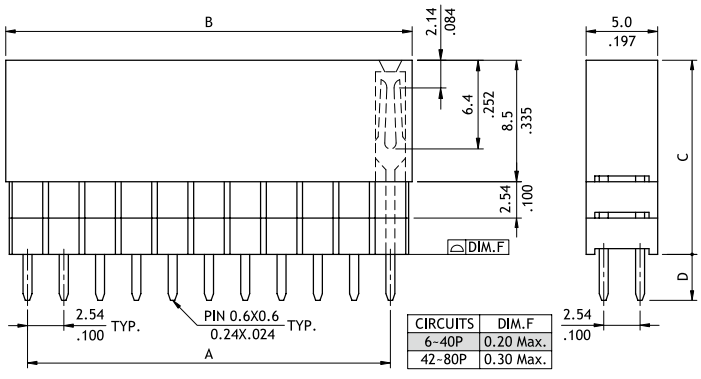
❶ Series No.
❷ Circuits:
06 to 80

❸ Plating code:
2= Gold flash over Nickel
❹ Tail Style: V= Vertical

❺ Color: 1= Black
❻ Other options:
see option code table
*Special options consult manufacturer

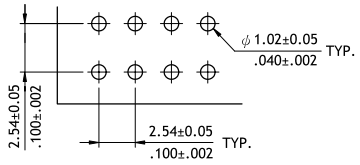


A = 2.54 * No. of Spaces
B = A + 3.04



CIRCUITS	DIM.F
6~40P	0.20 Max.
42~80P	0.30 Max.

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)

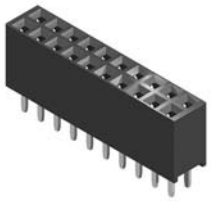


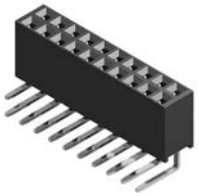
Recommended P.C. Board Layout

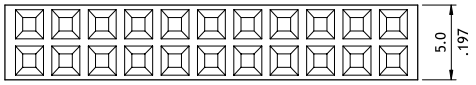
CB91 Series 2.54(.100") Dual Row Female Headers

◎ Mates with CH81,CH84 and CH85

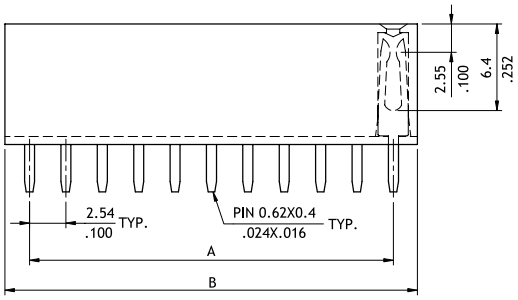
RoHS Compliant

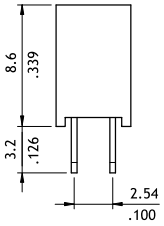


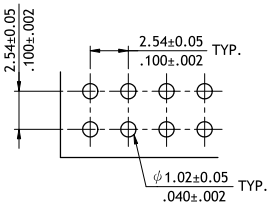




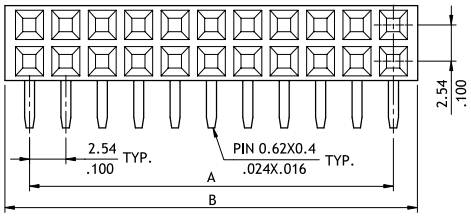
A = 2.54 * No. of Spaces
B = A + 3.0



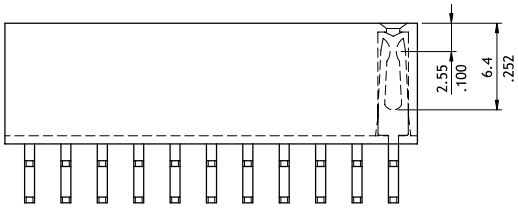


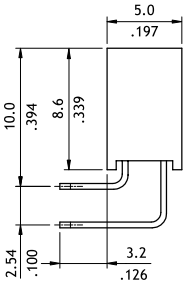


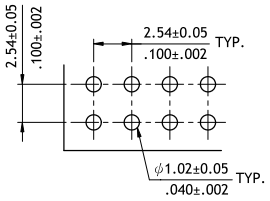
Recommended P.C. Board Layout



A = 2.54 * No. of Spaces
B = A + 3.0







Recommended P.C. Board Layout

Ordering Code

❶	❷	❸	❹	❺	❻
CB91	80	2	V	1	00

❶ Series No.
❷ Circuits:
04 to 50, 60, 64, 80

❸ Plating code:
2= Gold flash over Nickel

❹ Tail Style:
V= Vertical
H= Right Angle

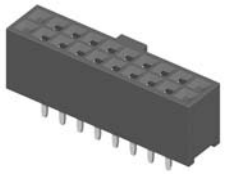
❺ Color :1= Black

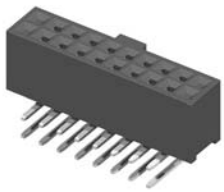
❻ Other options:
00= Standard
*Special options consult manufacturer

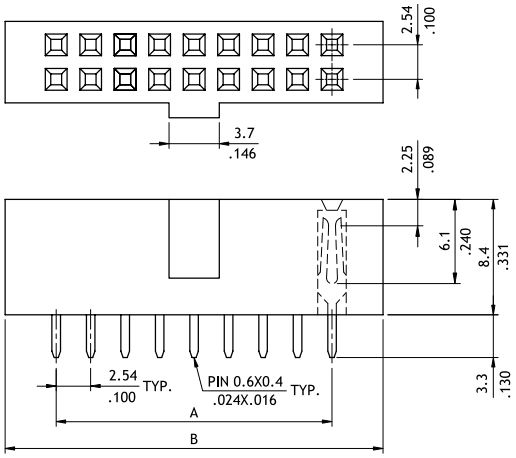
CB94 Series 2.54(.100") Dual Row Female Headers

◎ Mates with CH81,CH84,CH85,CH87 and CH88

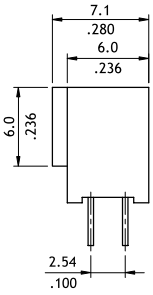
RoHS Compliant

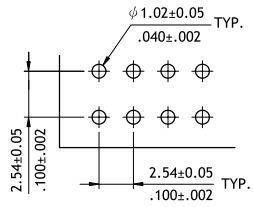




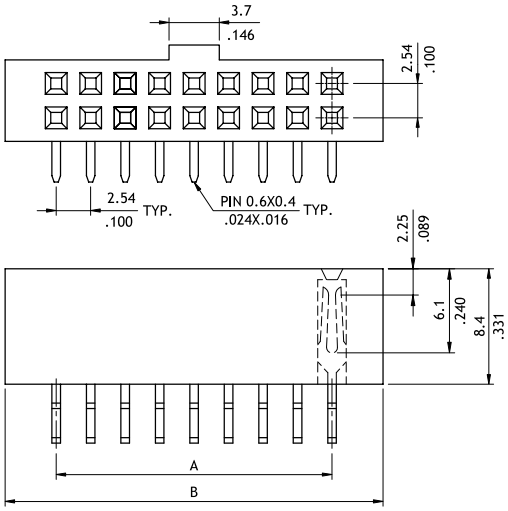


A = 2.54 * No. of Spaces
B = A + 7.34

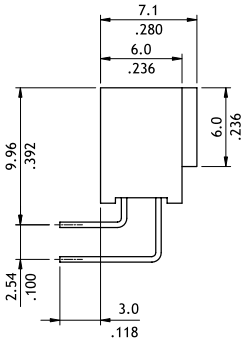


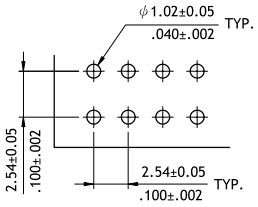


Recommended P.C. Board Layout



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





Recommended P.C. Board Layout

Ordering Code

❶	❷	❸	❹	❺	❻
CB94	64	2	V	1	00

❶ Series No.

❷ Circuits:
(Available 6,8,10,12,14,16,20, 24,26,30,34,40,50,60,64)
*Circuits not found above please consult manufacturer

❸ Plating code:
2= Gold flash over Nickel

❹ Tail Style:
V= Vertical
H= Right Angle

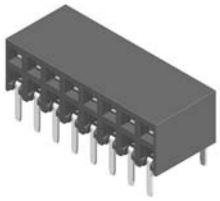
❺ Color :1= Black

❻ Other options:
00= Standard
*Special options consult manufacturer

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

◎ Mates with CH81, CH82, CH83 and CH84

RoHS Compliant



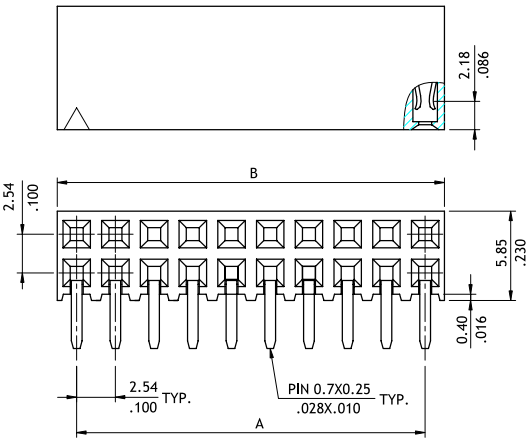
Ordering code

❶	❷	❸	❹	❺	❻
CB97	80	2	H	1	00

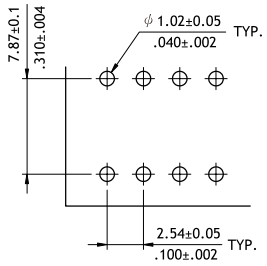
❶ Series No.
❷ Circuits:
04 to 80

❸ Plating code:
2= Gold flash over Nickel
❹ Tail Style: H= Right Angle

❺ Color: 1= Black
❻ Other options:
00= Standard
*Special options consult manufacturer



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

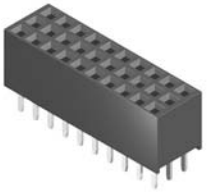


Recommended P.C. Board Layout

CB98 Series 2.54mm(.100") Triple Row Female Headers

◎ Mates with CH96

RoHS Compliant



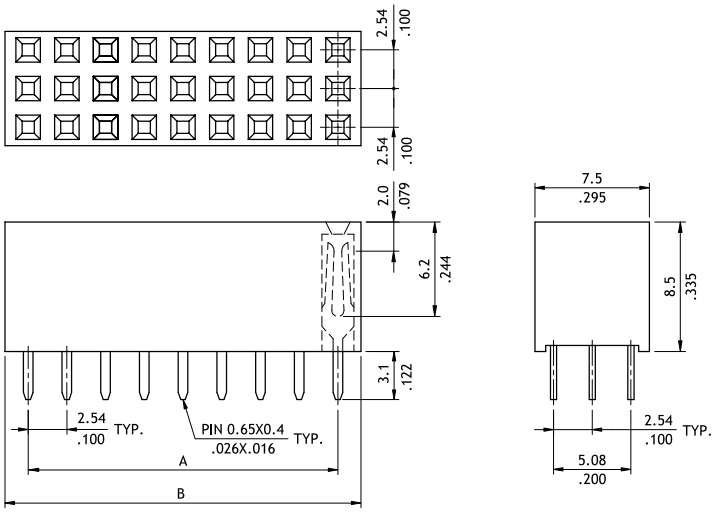
Ordering code

❶	❷	❸	❹	❺	❻
CB98	X2	2	V	1	00

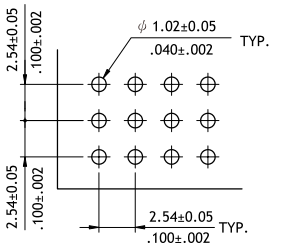
❶ Series No.
❷ Circuits:
09 to 99
X2= 120

❸ Plating code:
2= Gold flash over Nickel
❹ Tail Style: V= Vertical

❺ Color: 1= Black
❻ Other options:
00= Standard
*Special options consult manufacturer



A = 2.54 * No. of Spaces
B = A + 3.04

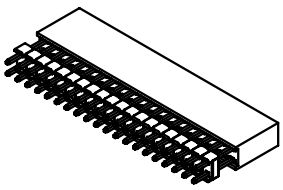


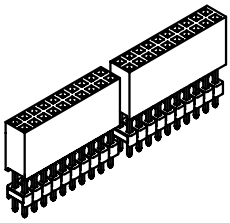
Recommended P.C. Board Layout

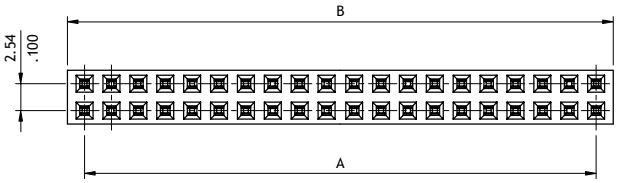
CB86 Series 2.54(.100") Dual Row Female Headers

◎ Mates with CH81,CH84,CH85,CH87, and CH88

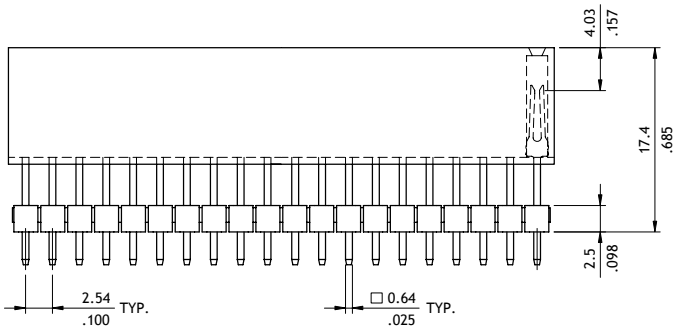
RoHS Compliant

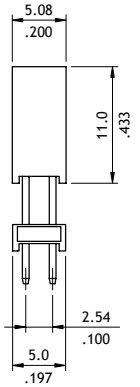


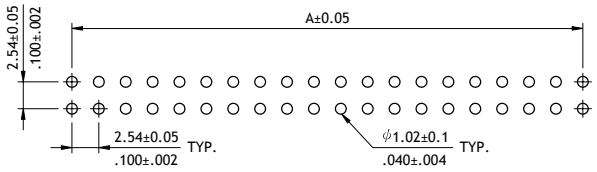




A = 2.54 * No. of Spaces
B = A + 3.24







Recommended P.C. Board Layout

Ordering Code

❶	❷	❸	❹	❺	❻
CB86	40	2	V	1	00

❶ Series No.

❷ No. of Contacts:
2 to 40

❸ Plating option:
2 = Gold flash plated over 1.27μm(50μ") Nickel

❹ Tail Style: V = Straight type

❺ Color: 1 = Black

❻ Other Option: 00 = Standard