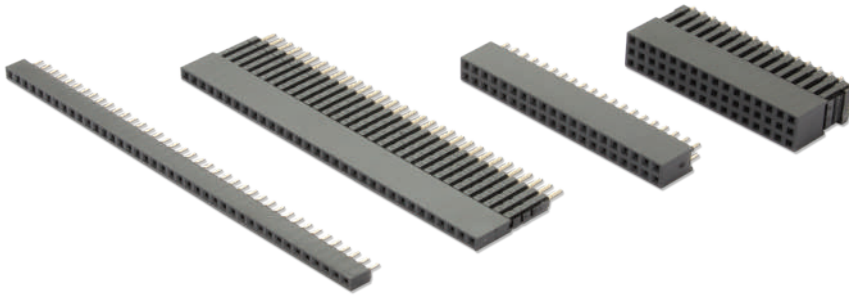


Board
to
Board



Wire
to
Board

PCI



Greenconn ▶

Product selection guide
2019 - 20



I/O
connector

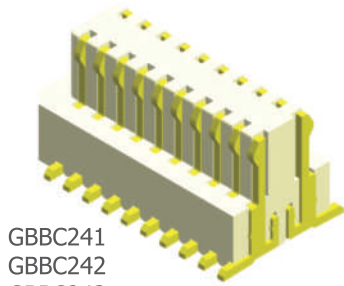
www.greenconn.com

solution for pitch 0.80mm & 0.80 X 1.20mm

Board to Board

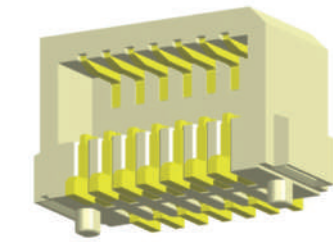


▶ Board to Board



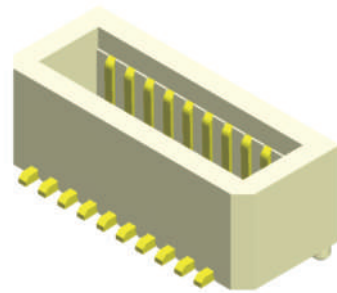
GBBC241
GBBC242
GBBC243
GBBC244
GBBC245
GBBC246 Series

A01



CBBC201 Series

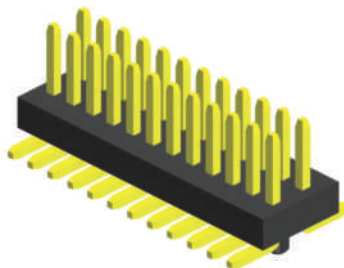
A02



CBBC241
CBBC242
CBBC243 Series

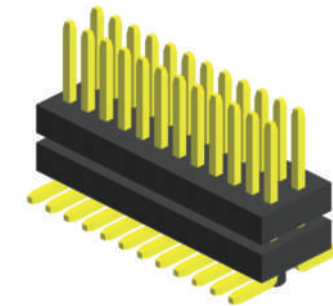
A03

▶ Pin Header



GPBC211 Series

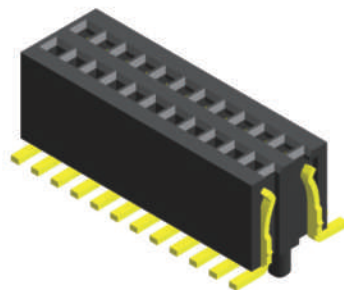
A04



GPBC222 Series

A05

▶ Female Header



CSBC222 Series

A06

Board to Board

pitch 0.80mm (0.03") | Male | S.M.T. | Locating peg

GBBC241
GBBC242
GBBC243
GBBC244
GBBC245
GBBC246 Series

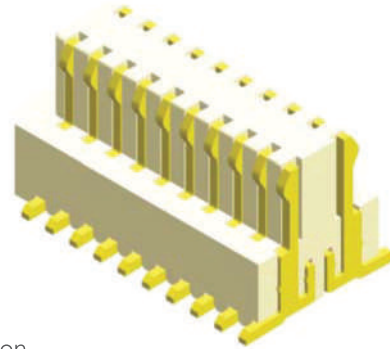
Specifications

Current Rating :	0.5 Ampere
Insulation Resistance :	500 MΩ Min
Dielectric Withstanding :	200V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

Materials

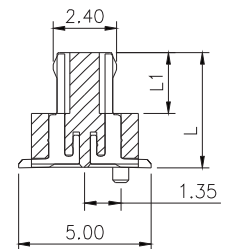
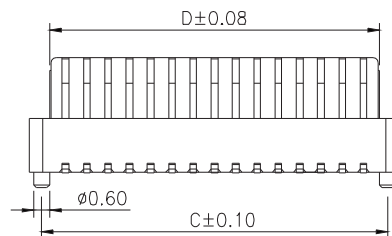
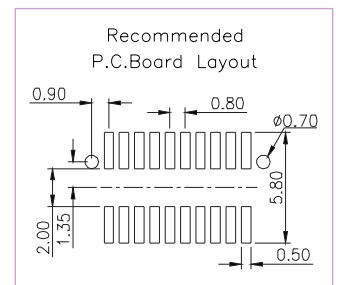
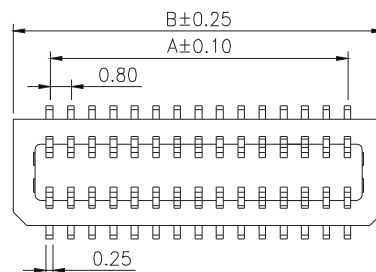
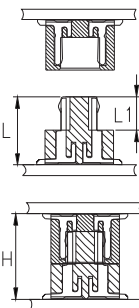
Contact Material :	Phosphor Bronze
Insulation Material :	High Temperature Thermoplastic, 94V-0 Nylon

All materials must meet Greenconn's requirements for environmental protection.



Mating with

Males Series	Females Series	H	Page
GBBC241	CBBC201	--	A02
	CBBC241	4.40	A03
	CBBC242	4.90	A03
	CBBC243	5.40	A03
GBBC242	CBBC201	--	A02
	CBBC241	4.90	A03
	CBBC242	5.40	A03
	CBBC243	5.90	A03
GBBC243	CBBC201	--	A02
	CBBC242	4.40	A03
	CBBC243	4.90	A03
GBBC244	CBBC201	--	A02
	CBBC242	4.90	A03
	CBBC243	5.40	A03
GBBC245	CBBC201	--	A02
	CBBC242	6.40	A03
GBBC246	CBBC201	--	A02
	CBBC241	3.90	A03
	CBBC242	3.40	A03
	CBBC243	4.90	A03



* For Coded Dimension Not Inside The Table, Please Refer To "Ordering Information"

No. of Pins/Row	Dimension Information				No. of Pins/Row	Dimension Information				No. of Pins/Row	Dimension Information			
	A	B	C	D		A	B	C	D		A	B	C	D
					11	8.00	10.70	9.80	9.20	21	16.00	18.70	17.80	17.20
					12	8.80	11.50	10.60	10.00	22	16.80	19.50	18.60	18.00
					13	9.60	12.30	11.40	10.80	23	17.60	20.30	19.40	18.80
04	2.40	5.10	4.20	3.60	14	10.40	13.10	12.20	11.60	24	18.40	21.10	20.20	19.60
05	3.20	5.90	5.00	4.40	15	11.20	13.90	13.00	12.40	25	19.20	21.90	21.00	20.40
06	4.00	6.70	5.80	5.20	16	12.00	14.70	13.80	13.20					
07	4.80	7.50	6.60	6.00	17	12.80	15.50	14.60	14.00					
08	5.60	8.30	7.40	6.80	18	13.60	16.30	15.40	14.80					
09	6.40	9.10	8.20	7.60	19	14.40	17.10	16.20	15.60					
10	7.20	9.90	9.00	8.40	20	15.20	17.90	17.00	16.40					

Ordering Information

Standard Packaging : Tube

GBBC2	<input type="checkbox"/> <input type="checkbox"/>	-	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	B001DEAC
	Height Option (L / L1)		No. of Pins per Row	Standard Plating	
	<input type="checkbox"/> 41 : L=3.30 / L1=1.80		<input type="checkbox"/> 04	<input type="checkbox"/> 02 : Gold Flash	
	<input type="checkbox"/> 42 : L=3.80 / L1=1.80		?		
	<input type="checkbox"/> 43 : L=4.30 / L1=2.30		<input type="checkbox"/> 25	Selective Plating	
	<input type="checkbox"/> 44 : L=4.80 / L1=2.30			<input type="checkbox"/> 01 : Tin	
	<input type="checkbox"/> 45 : L=5.30 / L1=2.30				
	<input type="checkbox"/> 46 : L=2.80 / L1=1.80				

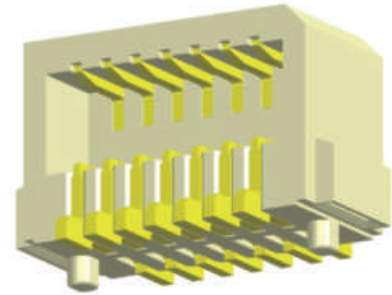
Board to Board

pitch 0.80mm (0.03") | Female | S.M.T. R/A | Locating peg

CBBC201 Series

Specifications

Current Rating :	0.5 Ampere
Insulation Resistance :	500 MΩ Min
Dielectric Withstanding :	200V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

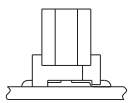


Materials

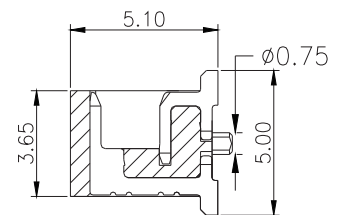
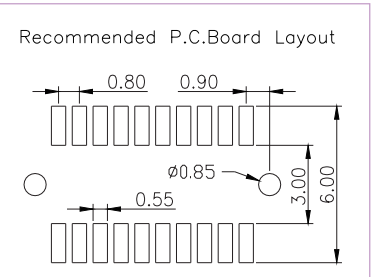
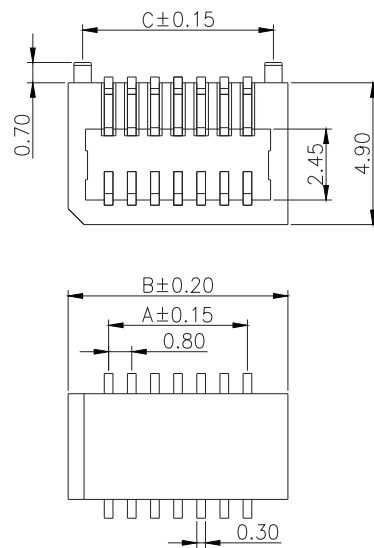
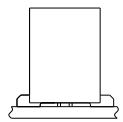
Contact Material :	Brass
Insulation Material :	High Temperature Thermoplastic, 94V-0 Nylon

All materials must meet Greenconn's requirements for environmental protection.

Mating with



A01



* For Coded Dimension Not Inside The Table, Please Refer To "Ordering Information"

No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information		
	A	B	C		A	B	C		A	B	C
				11	8.00	10.80	9.80	21	16.00	18.80	17.80
				12	8.80	11.60	10.60	22	16.80	19.60	18.60
				13	9.60	12.40	11.40	23	17.60	20.40	19.40
				14	10.40	13.20	12.20	24	18.40	21.20	20.20
05	3.20	6.00	5.00	15	11.20	14.00	13.00	25	19.20	22.00	21.00
06	4.00	6.80	5.80	16	12.00	14.80	13.80	26	20.00	22.80	21.80
07	4.80	7.60	6.60	17	12.80	15.60	14.60	27	20.80	23.60	22.60
08	5.60	8.40	7.40	18	13.60	16.40	15.40	28	21.60	24.40	23.40
09	6.40	9.20	8.20	19	14.40	17.20	16.20	29	22.40	25.20	24.20
10	7.20	10.00	9.00	20	15.20	18.00	17.00	30	23.20	26.00	25.00

Ordering Information

Standard Packaging : Tube

CBBC2	<input type="text" value="XX"/>	-	<input type="text" value="XX"/>	<input type="text" value="XX"/>	B002D4BC
	Height Option (H) Standard		No. of Pins per Row	Standard Plating	
	<input type="text" value="01"/>		<input type="text" value="05"/>	<input type="text" value="02"/> : Gold Flash	
			<input type="text" value="30"/>		

Board to Board

pitch 0.80mm pitch (0.03") | Female | S.M.T. | Locating peg

CBBC241
CBBC242
CBBC243 Series

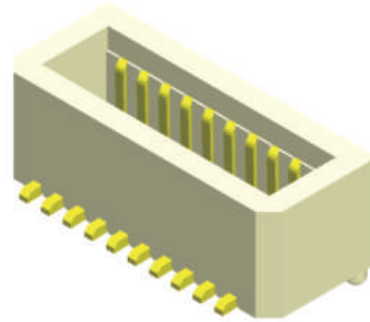
Specifications

Current Rating :	0.5 Ampere
Insulation Resistance :	500 MΩ Min
Dielectric Withstanding :	200V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

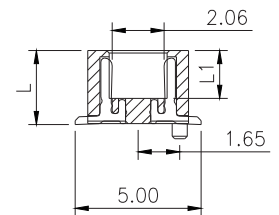
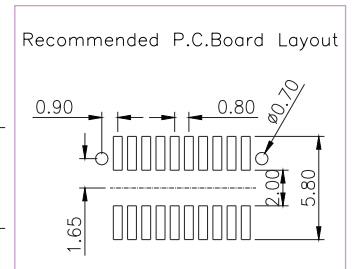
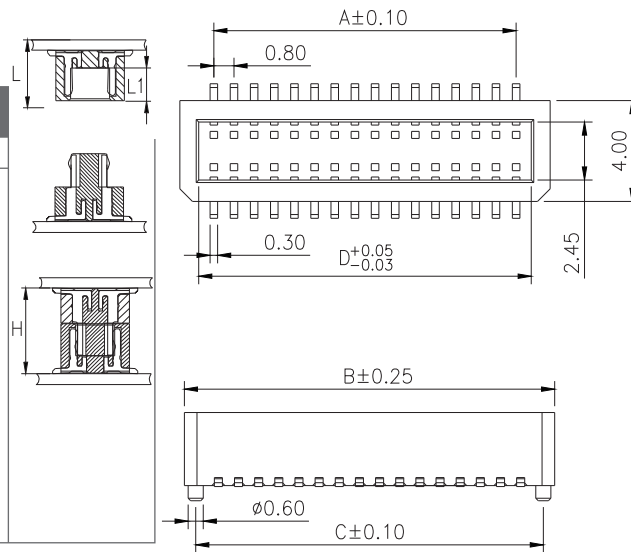
Materials

Contact Material :	Phosphor Bronze
Insulation Material :	High Temperature Thermoplastic, 94V-0 Nylon

All materials must meet Greenconn's requirements for environmental protection.



Mating with			
Females Series	Males Series	H	Page
CBBC241	GBBC241	4.40	A01
	GBBC242	4.90	
	GBBC246	3.90	
CBBC242	GBBC241	4.90	
	GBBC242	5.40	
	GBBC243	4.40	
	GBBC244	4.90	
	GBBC245	6.40	
CBBC243	GBBC246	3.40	
	GBBC241	5.40	
	GBBC242	5.90	
	GBBC243	4.90	
	GBBC244	5.40	
	GBBC245	6.90	
	GBBC246	4.90	



* For Coded Dimension Not Inside The Table, Please Refer To "Ordering Information"

No. of Pins/Row	Dimension Information				No. of Pins/Row	Dimension Information				No. of Pins/Row	Dimension Information			
	A	B	C	D		A	B	C	D		A	B	C	D
					11	8.00	10.70	9.80	9.20	21	16.00	18.70	17.80	17.20
					12	8.80	11.50	10.60	10.00	22	16.80	19.50	18.60	18.00
					13	9.60	12.30	11.40	10.80	23	17.60	20.30	19.40	18.80
04	2.40	5.10	4.20	3.60	14	10.40	13.10	12.20	11.60	24	18.40	21.10	20.20	19.60
05	3.20	5.90	5.00	4.40	15	11.20	13.90	13.00	12.40	25	19.20	21.90	21.00	20.40
06	4.00	6.70	5.80	5.20	16	12.00	14.70	13.80	13.20					
07	4.80	7.50	6.60	6.00	17	12.80	15.50	14.60	14.00					
08	5.60	8.30	7.40	6.80	18	13.60	16.30	15.40	14.80					
09	6.40	9.10	8.20	7.60	19	14.40	17.10	16.20	15.60					
10	7.20	9.90	9.00	8.40	20	15.20	17.90	17.00	16.40					

Ordering Information

Standard Packaging : Tube

CBBC2	<input type="text" value="XX"/>	-	<input type="text" value="XX"/>	<input type="text" value="XX"/>	B001D4AC
	Height Option (L / L1)		No. of Pins per Row	Standard Plating	
	<input type="text" value="41"/> : L=2.90 / L1=1.90		<input type="text" value="04"/>	<input type="text" value="02"/> : Gold Flash	
	<input type="text" value="42"/> : L=3.40 / L1=2.40		<input type="text" value="25"/>	Selective Plating	
	<input type="text" value="43"/> : L=3.90 / L1=2.90			<input type="text" value="01"/> : Tin	

Pin Header

pitch 0.80x1.20mm (0.03"x0.047") | Dual row | S.M.T. | Locating peg

GPBC211 Series

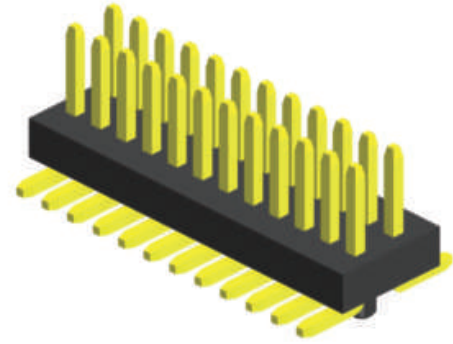
Specifications

Current Rating :	0.5 Ampere
Insulation Resistance :	500 MΩ Min
Dielectric Withstanding :	200V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

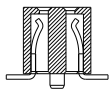
Materials

Contact Material :	Phosphor Bronze
Insulation Material :	High Temperature Thermoplastic, 94V-0 Nylon

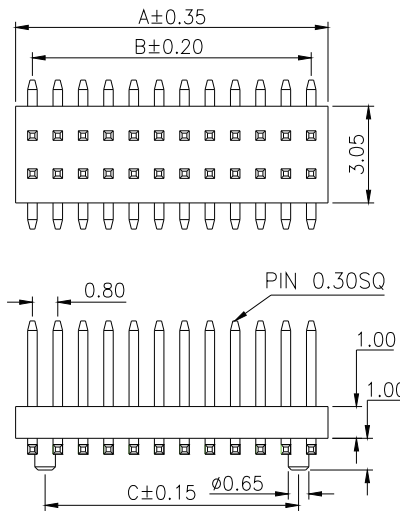
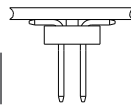
All materials must meet Greenconn's requirements for environmental protection.



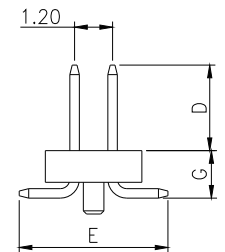
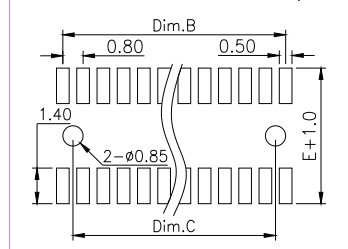
Mating with



A06



Recommended P.C.Board Layout



* For Coded Dimension Not Inside The Table, Please Refer To "Ordering Information"

No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information		
	A	B	C		A	B	C		A	B	C		A	B	C
03	2.66	1.60	0.80	14	11.46	10.40	9.60	27	21.86	20.80	20.00	40	32.26	31.20	30.40
04	3.46	2.46	1.60	15	12.26	11.20	10.40	28	22.66	21.60	20.80	41	33.06	32.00	31.20
05	4.26	3.20	2.40	16	13.06	12.00	11.20	29	23.46	22.40	21.60	42	33.86	32.80	32.00
06	5.06	4.00	3.20	17	13.86	12.80	12.00	30	24.26	23.20	22.40	43	34.66	33.60	32.80
07	5.86	4.80	4.00	18	14.66	13.60	12.80	31	25.06	24.00	23.20	44	35.46	34.40	33.60
08	6.66	5.60	4.80	19	15.46	14.40	13.60	32	25.86	24.80	24.00	45	36.26	35.20	34.40
09	7.46	6.40	5.60	20	16.26	15.20	14.40	33	26.66	25.60	24.80	46	37.06	36.00	35.20
10	8.26	7.20	6.40	21	17.06	16.00	15.20	34	27.46	26.40	25.60	47	37.86	36.80	36.00
11	9.06	8.00	7.20	22	17.86	16.80	16.00	35	28.26	27.20	26.40	48	38.66	37.60	36.80
12	9.86	8.80	8.00	23	18.66	17.60	16.80	36	29.06	28.00	27.20	49	39.46	38.40	37.60
13	10.66	9.60	8.80	24	19.46	18.40	17.60	37	29.86	28.80	28.00	50	40.26	39.20	38.40
				25	20.26	19.20	18.40	38	30.66	29.60	28.80				
				26	21.06	20.00	19.20	39	31.46	30.40	29.60				

Ordering Information

Standard Packaging : Tube

GPBC2	<input type="checkbox"/> X <input type="checkbox"/> X	-	<input type="checkbox"/> X <input type="checkbox"/> X	<input type="checkbox"/> X <input type="checkbox"/> X	<input type="checkbox"/> X <input type="checkbox"/> X <input type="checkbox"/> X	D1AC
	Height Option (H) Standard		No. of Pins per Row	Standard Plating	Pin Length (D / E / G)	
	<input type="checkbox"/> 11		<input type="checkbox"/> 03	<input type="checkbox"/> 02 : Gold Flash	<input type="checkbox"/> 001 : D=2.70/E=4.70/G=1.50	
			<input type="checkbox"/> 50	Selective Plating	For special length requirement Please contact our sales personnel	
				<input type="checkbox"/> 01 : Tin		

Pin Header

pitch 0.80x1.20mm (0.03"x0.047") | Dual row | S.M.T. | Board spacer | Locating peg

GPBC222 Series

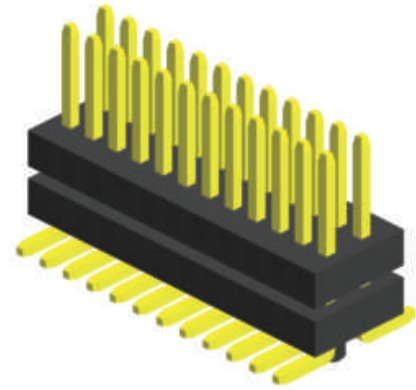
Specifications

Current Rating :	0.5 Ampere
Insulation Resistance :	500 MΩ Min
Dielectric Withstanding :	200V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

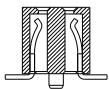
Materials

Contact Material :	Phosphor Bronze
Insulation Material :	High Temperature Thermoplastic, 94V-0 Nylon

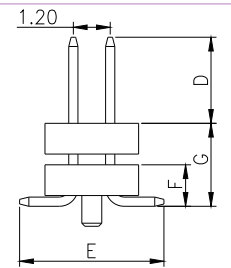
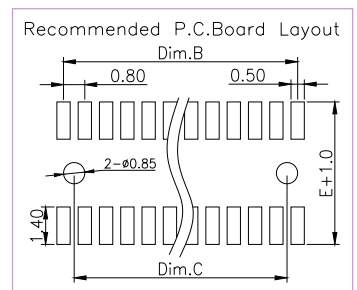
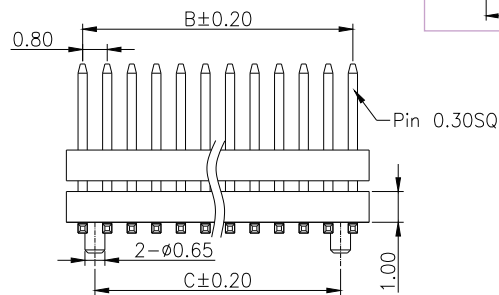
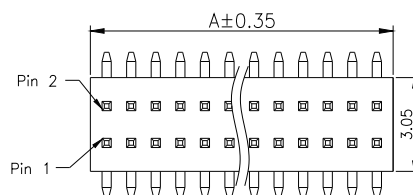
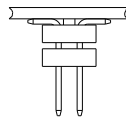
All materials must meet Greenconn's requirements for environmental protection.



Mating with



A06



* For Coded Dimension Not Inside The Table, Please Refer To "Ordering Information"

No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information		
	A	B	C		A	B	C		A	B	C		A	B	C
03	2.66	1.60	0.80	14	11.46	10.40	9.60	27	21.86	20.80	20.00	40	32.26	31.20	30.40
04	3.46	2.46	1.60	15	12.26	11.20	10.40	28	22.66	21.60	20.80	41	33.06	32.00	31.20
05	4.26	3.20	2.40	16	13.06	12.00	11.20	29	23.46	22.40	21.60	42	33.86	32.80	32.00
06	5.06	4.00	3.20	17	13.86	12.80	12.00	30	24.26	23.20	22.40	43	34.66	33.60	32.80
07	5.86	4.80	4.00	18	14.66	13.60	12.80	31	25.06	24.00	23.20	44	35.46	34.40	33.60
08	6.66	5.60	4.80	19	15.46	14.40	13.60	32	25.86	24.80	24.00	45	36.26	35.20	34.40
09	7.46	6.40	5.60	20	16.26	15.20	14.40	33	26.66	25.60	24.80	46	37.06	36.00	35.20
10	8.26	7.20	6.40	21	17.06	16.00	15.20	34	27.46	26.40	25.60	47	37.86	36.80	36.00
11	9.06	8.00	7.20	22	17.86	16.80	16.00	35	28.26	27.20	26.40	48	38.66	37.60	36.80
12	9.86	8.80	8.00	23	18.66	17.60	16.80	36	29.06	28.00	27.20	49	39.46	38.40	37.60
13	10.66	9.60	8.80	24	19.46	18.40	17.60	37	29.86	28.80	28.00	50	40.26	39.20	38.40
				25	20.26	19.20	18.40	38	30.66	29.60	28.80				
				26	21.06	20.00	19.20	39	31.46	30.40	29.60				

Ordering Information

Standard Packaging : Tube

GPBC2 -
 Height Option (H) Standard

No. of Pins per Row

Standard Plating
 : Gold Flash

Selective Plating
 : Tin

D1AC
 Pin Length (D/E/F/G)
 : D=2.80/E=4.70/E=1.35/G=2.70

For special length requirement
 Please contact our sales personnel

Female Header

pitch 0.80mm (0.03") | Dual row | S.M.T. | Locating peg

CSBC222 Series

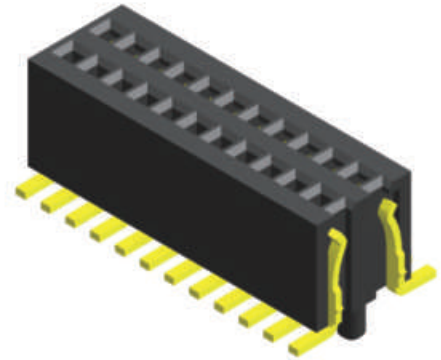
Specifications

Current Rating :	0.5 Ampere
Insulation Resistance :	500 MΩ Min
Dielectric Withstanding :	200V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

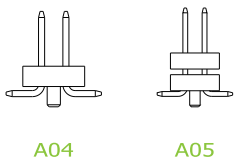
Materials

Contact Material :	Phosphor Bronze
Insulation Material :	High Temperature Thermoplastic, 94V-0 LCP

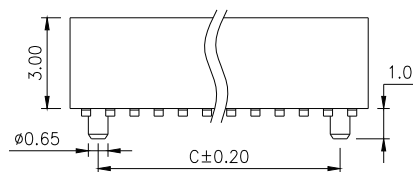
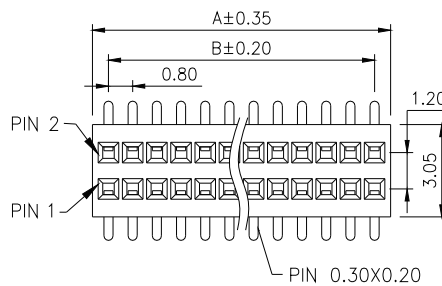
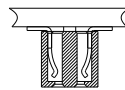
All materials must meet Greenconn's requirements for environmental protection.



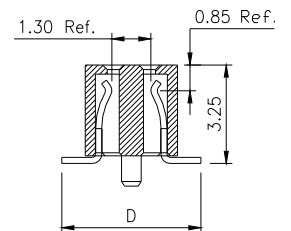
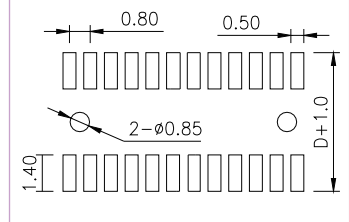
Mating with



P.S. : Suggested mating pin length : 1.4 ~2.8 mm



Recommended P.C.Board Layout



* For Coded Dimension Not Inside The Table, Please Refer to "Ordering Information"

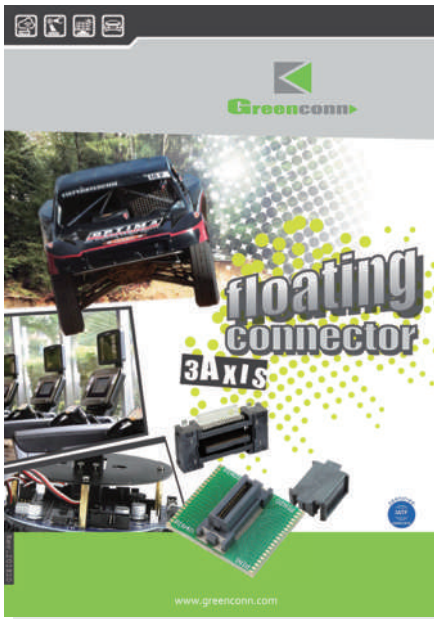
No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information			No. of Pins/Row	Dimension Information		
	A	B	C		A	B	C		A	B	C		A	B	C
03	2.66	1.60	0.80	14	11.46	10.40	9.60	27	21.86	20.80	20.00	40	32.26	31.20	30.40
04	3.46	2.46	1.60	15	12.26	11.20	10.40	28	22.66	21.60	20.80	41	33.06	32.00	31.20
05	4.26	3.20	2.40	16	13.06	12.00	11.20	29	23.46	22.40	21.60	42	33.86	32.80	32.00
06	5.06	4.00	3.20	17	13.86	12.80	12.00	30	24.26	23.20	22.40	43	34.66	33.60	32.80
07	5.86	4.80	4.00	18	14.66	13.60	12.80	31	25.06	24.00	23.20	44	35.46	34.40	33.60
08	6.66	5.60	4.80	19	15.46	14.40	13.60	32	25.86	24.80	24.00	45	36.26	35.20	34.40
09	7.46	6.40	5.60	20	16.26	15.20	14.40	33	26.66	25.60	24.80	46	37.06	36.00	35.20
10	8.26	7.20	6.40	21	17.06	16.00	15.20	34	27.46	26.40	25.60	47	37.86	36.80	36.00
11	9.06	8.00	7.20	22	17.86	16.80	16.00	35	28.26	27.20	26.40	48	38.66	37.60	36.80
12	9.86	8.80	8.00	23	18.66	17.60	16.80	36	29.06	28.00	27.20	49	39.46	38.40	37.60
13	10.66	9.60	8.80	24	19.46	18.40	17.60	37	29.86	28.80	28.00	50	40.26	39.20	38.40
				25	20.26	19.20	18.40	38	30.66	29.60	28.80				
				26	21.06	20.00	19.20	39	31.46	30.40	29.60				

Ordering Information

Standard Packaging : Tube

CSBC2	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	C1AC
	Height Option (H) Standard		No. of Pins per Row	Standard Plating		Pin Length (D)	
	<input type="text" value="22"/>		<input type="text" value="03"/>	<input type="text" value="02"/> : Gold Flash		<input type="text" value="001"/> : D=4.60	
			<input type="text" value="50"/>	Selective Plating			
				<input type="text" value="01"/> : Tin			
							For special length requirement Please contact our sales personnel

Greenconn provides



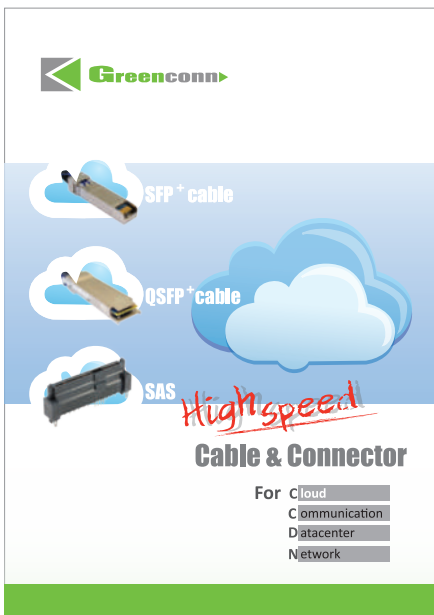
Floating Connectors



8Gbps High-speed Connector



RJ45 Series



High Speed Series



Connector Brochure


Memo.



China


Greenconn Technology (Ganzhou) Ltd.

 The Dongshan Industrial District, Nankang District,
Ganzhou City, Jiangxi Province

 + 86 - 797 - 6635 510

 + 86 - 797 - 6635 653

 No.1 Niujiao Road, Yanchuan Community, Yanluo Street,
Baonan District, Shenzhen City, Guangdong Province

 + 86 - 755 - 2707 0050/1

 + 86 - 755 - 2707 0056

Kunshan Greenconn Technology Co., Ltd.

 No.18-2 Hong-Yang South Road, Bacheng Town,
Kunshan City, Jiangsu Province


 + 86 - 512 - 5782 5636


 + 86 - 512 - 5031 6595

Taiwan

Greenconn Corporation

 5F, No. 657-3, Zhongzheng Road, Xinzhuang District,
New Taipei City 242

 + 886 - 2 - 2209 1343

 + 886 - 2 - 2901 9811



www.greenconn.com
sales@greenconn.com

