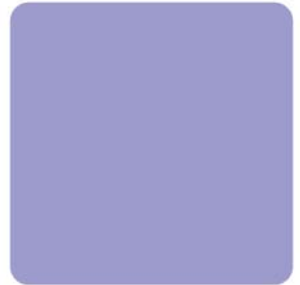
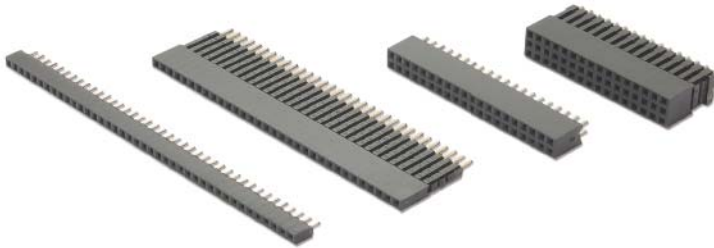


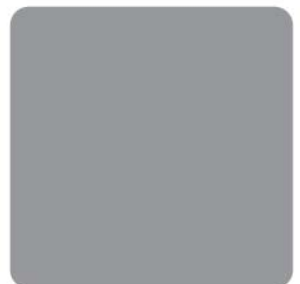
Board
to
board



Greenconn▶

Product selection guide
2016 - 17

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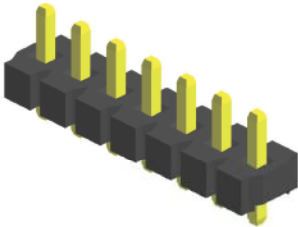


solution for pitch 3.96mm

Board to Board

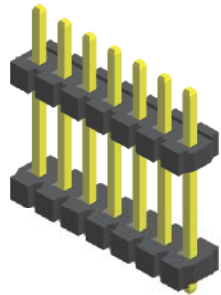


► Pin Header



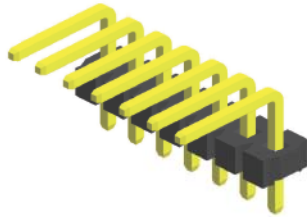
GPJA103 Series

G01



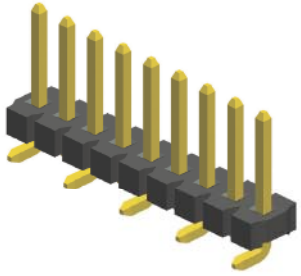
GPJA104 Series

G02



GPJB101 Series

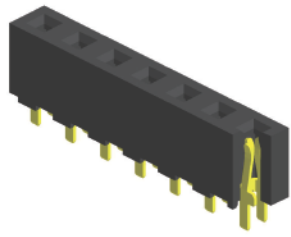
G03



GPJC101 Series

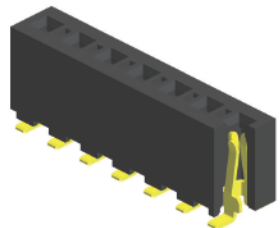
G04

► Female Header



CSJA102 Series

G05



CSJC101 Series

G06

Pin Header

pitch 3.96mm (0.156") | Single row | Dip

GPJA103 Series

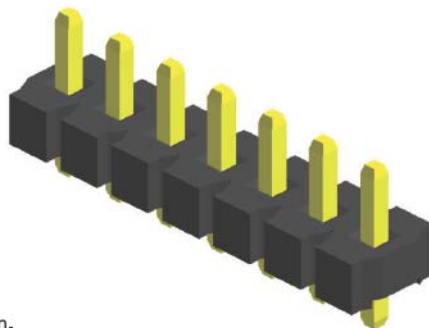
Specifications

Current Rating :	7.9 Ampere
Insulation Resistance :	1000 MΩ Min
Dielectric Withstanding :	1500V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

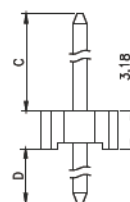
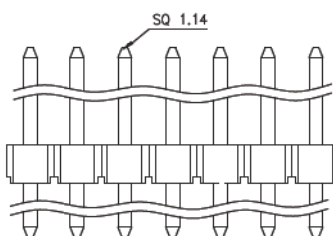
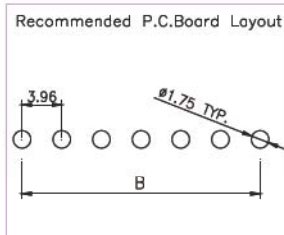
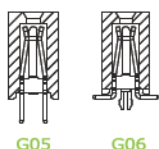
Materials

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

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



Mating with



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

No. of Pins/Row	Dimension Information	
	A	B
02	7.92	3.96
03	11.88	7.92
04	15.84	11.88
05	19.80	15.84
06	23.76	19.80
07	27.72	23.76
08	31.68	27.72
09	35.64	31.68
10	39.60	35.64

No. of Pins/Row	Dimension Information	
	A	B
11	43.56	39.60
12	47.52	43.56
13	51.48	47.52
14	55.44	51.48
15	59.40	55.44
16	63.36	59.40
17	67.32	63.36
18	71.28	67.32
19	75.24	71.28
20	79.20	75.24

No. of Pins/Row	Dimension Information	
	A	B
21	83.16	79.20
22	87.12	83.16
23	91.08	87.12
24	95.04	91.08

Ordering Information

GPJA1 ☐ X ☒ X

Height Option (H) Standard

☐ 03

No. of Pins per Row

☐ 02

☐ 3

☒ 24

☐ X ☒ X

Standard Plating

☐ 02 : Gold Flash

Selective Plating

☐ 01 : Tin

Standard Packaging : Box

☒ X

☐ X ☐ X ☐ X

C1BA

☐ A Pin Length (C/D)

☐ 001 : C=4.55 / D=2.55

☐ 002 : C=11.45 / D=4.45

☐ 004 : C=20.55 / D=4.00

☐ 005 : C=3.80 / D=12.10

For special length requirement
Please contact our sales personnel

Pin Header

pitch 3.96mm (0.156") | Single row | Dip | Board spacer

GPJA104 Series

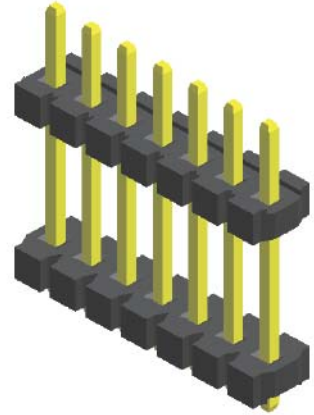
Specifications

Current Rating :	7.9 Ampere
Insulation Resistance :	1000 MΩ Min
Dielectric Withstanding :	1500V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

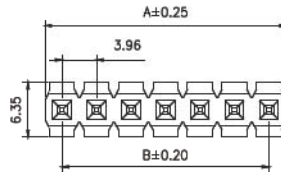
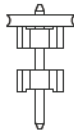
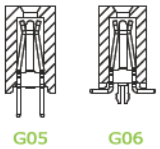
Materials

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

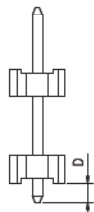
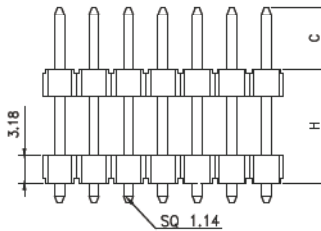
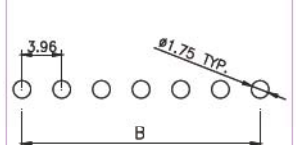
All materials must meet Greenconn's requirements for environmental protection.



Mating with



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	
	A	B		A	B		A	B
02	7.92	3.96	11	43.56	39.60	21	83.16	79.20
03	11.88	7.92	12	47.52	43.56	22	87.12	83.16
04	15.84	11.88	13	51.48	47.52	23	91.08	87.12
05	19.80	15.84	14	55.44	51.48	24	95.04	91.08
06	23.76	19.80	15	59.40	55.44			
07	27.72	23.76	16	63.36	59.40			
08	31.68	27.72	17	67.32	63.36			
09	35.64	31.68	18	71.28	67.32			
10	39.60	35.64	19	75.24	71.28			
			20	79.20	75.24			

Ordering Information

GPJA1 ☐ X ☐ X

Height Option (H) Standard

☐ 04

- X X

No. of Pins per Row

☐ 02

☐ 1

☐ 24

☐ X ☐ X

Standard Plating

☐ 02 : Gold Flash

Selective Plating

☐ 01 : Tin

Standard Packaging : Box

☐ X

☐ X ☐ X ☐ X

C1AA

☐ A

Pin Length (C/D/H)

☐ 001 : C=7.10 / D=2.30 / H=19.80

For special length requirement
Please contact our sales personnel

Pin Header

pitch 3.96mm (0.156") | Single row | R/A

GPJB101 Series

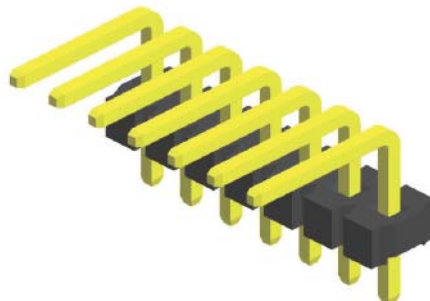
Specifications

Current Rating :	7.9 Ampere
Insulation Resistance :	1000 MΩ Min
Dielectric Withstanding :	1500V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

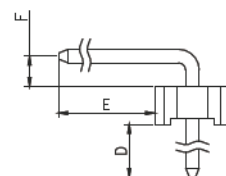
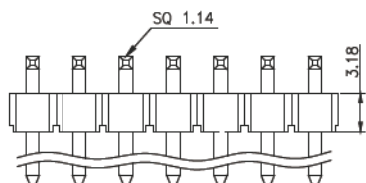
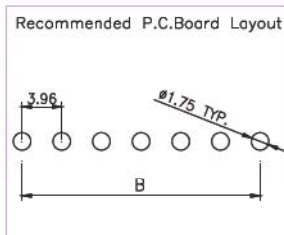
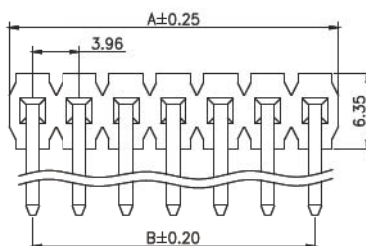
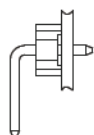
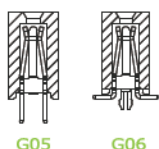
Materials

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

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



Mating with



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

No. of Pins/Row	Dimension Information	
	A	B
02	7.92	3.96
03	11.88	7.92
04	15.84	11.88
05	19.80	15.84
06	23.76	19.80
07	27.72	23.76
08	31.68	27.72
09	35.64	31.68
10	39.60	35.64

No. of Pins/Row	Dimension Information	
	A	B
11	43.56	39.60
12	47.52	43.56
13	51.48	47.52
14	55.44	51.48
15	59.40	55.44
16	63.36	59.40
17	67.32	63.36
18	71.28	67.32
19	75.24	71.28
20	79.20	75.24

No. of Pins/Row	Dimension Information	
	A	B
21	83.16	79.20
22	87.12	83.16
23	91.08	87.12
24	95.04	91.08

Ordering Information

GPJB1

Height Option (H) Standard

-

No. of Pins per Row

Standard Plating

: Gold Flash

Selective Plating

: Tin

Standard Packaging : Tube

C1BC

Pin Length (D/E/F)

: D=4.45 / E=8.15 / F=2.55

: D=4.00 / E=13.60 / F=4.95

: D=4.50 / E=10.75 / F=6.30

For special length requirement
Please contact our sales personnel

Pin Header

pitch 3.96mm (0.156") | Single row | S.M.T.

GPJC101 Series

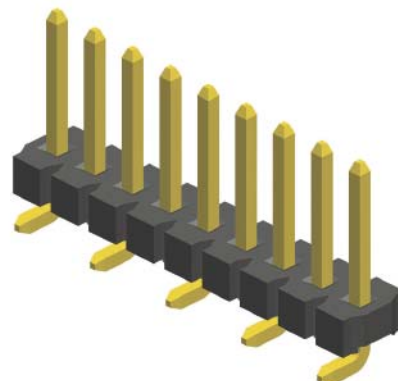
Specifications

Current Rating :	7.9 Ampere
Insulation Resistance :	1000 MΩ Min
Dielectric Withstanding :	1500V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

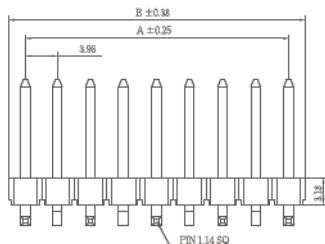
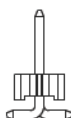
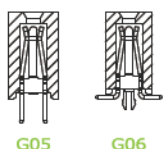
Materials

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

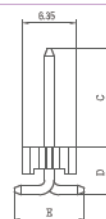
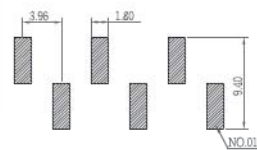
All materials must meet Greenconn's requirements for environmental protection.



Mating with



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	
	A	B		A	B		A	B
02	7.92	3.96	11	43.56	39.60	21	83.16	79.20
03	11.88	7.92	12	47.52	43.56	22	87.12	83.16
04	15.84	11.88	13	51.48	47.52	23	91.08	87.12
05	19.80	15.84	14	55.44	51.48	24	95.04	91.08
06	23.76	19.80	15	59.40	55.44			
07	27.72	23.76	16	63.36	59.40			
08	31.68	27.72	17	67.32	63.36			
09	35.64	31.68	18	71.28	67.32			
10	39.60	35.64	19	75.24	71.28			
			20	79.20	75.24			

Ordering Information

GPJC1 ☐ X ☐ X

Height Option (H) Standard

☐ 01

- X X
No. of Pins per Row

☐ 02

☐ 1

☐ 24

☐ X ☐ X

Standard Plating

☐ 02 : Gold Flash

Selective Plating

☐ 01 : Tin

☐ 05 : Gold Flash / Tin

Standard Packaging : Tube

☐ X

☐ X ☐ X ☐ X

C1BC

☐ A Pin Length (C/D/E)

☐ 009 : C=3.80 / D=6.00 / E=8.40

☐ 010 : C=11.75 / D=5.73 / E=8.40

For special length requirement
Please contact our sales personnel

Female Header

pitch 3.96mm (0.156") | Single row | Dip

CSJA102 Series

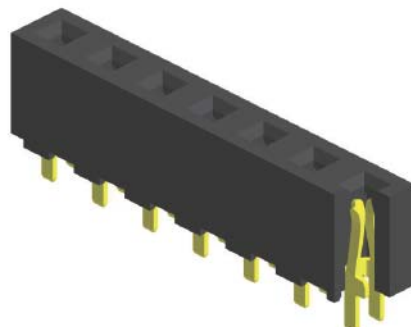
Specifications

Current Rating :	7.9 Ampere
Insulation Resistance :	1000 MΩ Min
Dielectric Withstanding :	1500V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

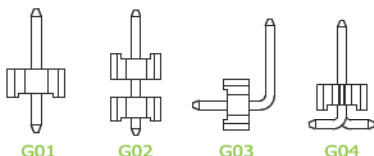
Materials

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

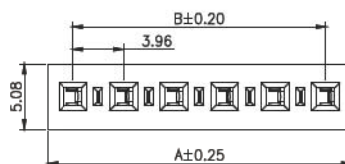
All materials must meet Greenconn's requirements for environmental protection.



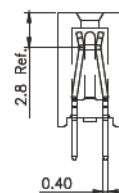
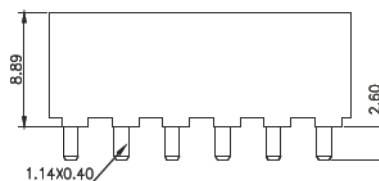
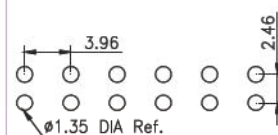
Mating with



P.S. : Suggested mating pin length : 3.8 ~ 8.5 mm



Recommended P.C.Board Layout



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

No. of Pins/Row	Dimension Information	
	A	B
02	7.92	3.96
03	11.88	7.92
04	15.84	11.88
05	19.80	15.84
06	23.76	19.80
07	27.72	23.76
08	31.68	27.72
09	35.64	31.68
10	39.60	35.64

No. of Pins/Row	Dimension Information	
	A	B
11	43.56	39.60
12	47.52	43.56
13	51.48	47.52
14	55.44	51.48
15	59.40	55.44
16	63.36	59.40
17	67.32	63.36
18	71.28	67.32
19	75.24	71.28
20	79.20	75.24

No. of Pins/Row	Dimension Information	
	A	B
21	83.16	79.20
22	87.12	83.16
23	91.08	87.12
24	95.04	91.08

Ordering Information

CSJA1

Height Option (H) Standard

-

No. of Pins per Row

Standard Plating

: Gold Flash

Selective Plating

: Tin

Standard Packaging : Tube

A001C1AC

Female Header

pitch 3.96mm (0.156") | Single row | S.M.T.

CSJC101 Series

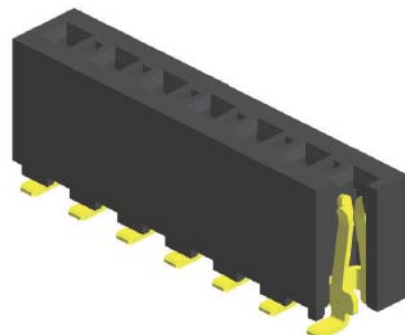
Specifications

Current Rating :	7.9 Ampere
Insulation Resistance :	1000 MΩ Min
Dielectric Withstanding :	1500V AC
Contact Resistance :	20 mΩ Max
Operating Temperature :	-40°C to +105°C

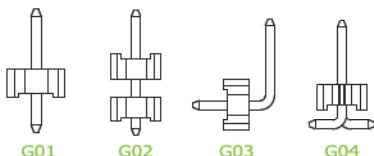
Materials

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

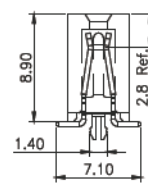
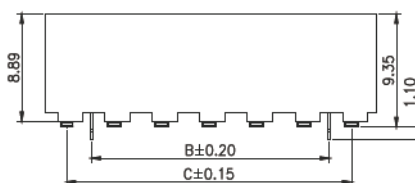
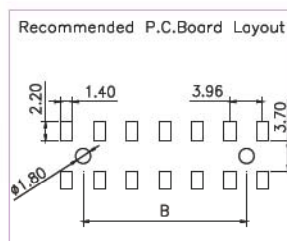
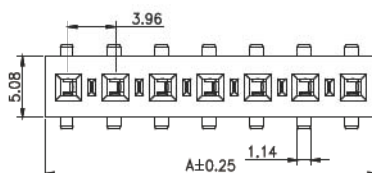
All materials must meet Greenconn's requirements for environmental protection.



Mating with



P.S. : Suggested mating pin length : 3.8 ~8.5 mm



* 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
02	7.92		3.96	11	43.56	35.64	39.60	21	83.16	75.24	79.20
03	11.88	3.96	7.92	12	47.52	39.60	43.56	22	87.12	79.20	83.16
04	15.84	7.92	11.88	13	51.48	43.56	47.52	23	91.08	83.16	87.12
05	19.80	11.88	15.84	14	55.44	47.52	51.48	24	95.04	87.12	91.08
06	23.76	15.84	19.80	15	59.40	51.48	55.44				
07	27.72	19.80	23.76	16	63.36	55.44	59.40				
08	31.68	23.76	27.72	17	67.32	59.40	63.36				
09	35.64	27.72	31.68	18	71.28	63.36	67.32				
10	39.60	31.68	35.64	19	75.24	67.32	71.28				
				20	79.20	71.28	75.24				

Ordering Information

CSJC1

XX

Height Option (H) Standard

01

XX

No. of Pins per Row

02

24

XX

Standard Plating

02 : Gold Flash

Selective Plating

01 : Tin

Standard Packaging : Tube

F001C1AC



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