

# Pin Header

pitch 2.00mm (0.079") | Triple row | Dip | Board spacer

GPFA305 Series

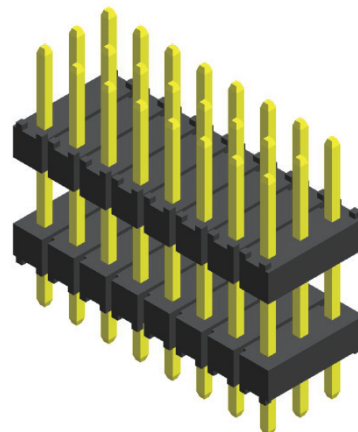
## Specifications

|                           |                 |
|---------------------------|-----------------|
| Current Rating :          | 2.0 Ampere      |
| Insulation Resistance :   | 1000 MΩ Min     |
| Dielectric Withstanding : | 500V AC         |
| Contact Resistance :      | 20 mΩ Max       |
| Operating Temperature :   | -40°C to +105°C |

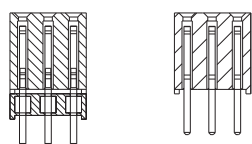
## Materials

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

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

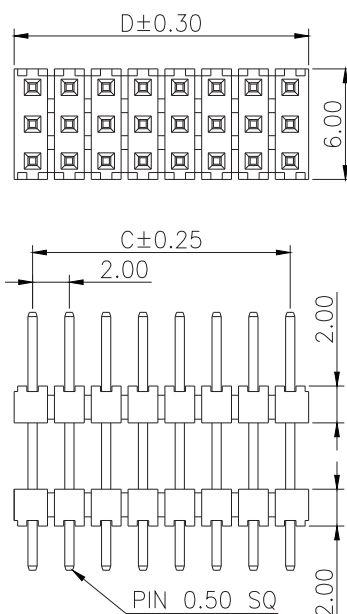


## Mating with

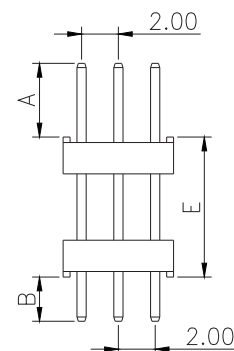
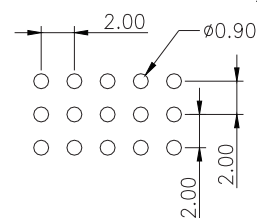


D50

D51



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 |       |  |
|-----------------|-----------------------|-------|--|-----------------|-----------------------|-------|--|-----------------|-----------------------|-------|--|-----------------|-----------------------|-------|--|
|                 | C                     | D     |  |                 | C                     | D     |  |                 | C                     | D     |  |                 | C                     | D     |  |
| 02              | 2.00                  | 4.00  |  | 11              | 20.00                 | 22.00 |  | 21              | 40.00                 | 42.00 |  | 31              | 60.00                 | 62.00 |  |
| 03              | 4.00                  | 6.00  |  | 12              | 22.00                 | 24.00 |  | 22              | 42.00                 | 44.00 |  | 32              | 62.00                 | 64.00 |  |
| 04              | 6.00                  | 8.00  |  | 13              | 24.00                 | 26.00 |  | 23              | 44.00                 | 46.00 |  | 33              | 64.00                 | 66.00 |  |
| 05              | 8.00                  | 10.00 |  | 14              | 26.00                 | 28.00 |  | 24              | 46.00                 | 48.00 |  | 34              | 66.00                 | 68.00 |  |
| 06              | 10.00                 | 12.00 |  | 15              | 28.00                 | 30.00 |  | 25              | 48.00                 | 50.00 |  | 35              | 68.00                 | 70.00 |  |
| 07              | 12.00                 | 14.00 |  | 16              | 30.00                 | 32.00 |  | 26              | 50.00                 | 52.00 |  | 36              | 70.00                 | 72.00 |  |
| 08              | 14.00                 | 16.00 |  | 17              | 32.00                 | 34.00 |  | 27              | 52.00                 | 54.00 |  | 37              | 72.00                 | 74.00 |  |
| 09              | 16.00                 | 18.00 |  | 18              | 34.00                 | 36.00 |  | 28              | 54.00                 | 56.00 |  | 38              | 74.00                 | 76.00 |  |
| 10              | 18.00                 | 20.00 |  | 19              | 36.00                 | 38.00 |  | 29              | 56.00                 | 58.00 |  | 39              | 76.00                 | 78.00 |  |
|                 |                       |       |  | 20              | 38.00                 | 40.00 |  | 30              | 58.00                 | 60.00 |  | 40              | 78.00                 | 80.00 |  |

## Ordering Information

GPFA3

XX

Height Option (H)

05

- XX

No. of Pins per Row

02

1

40

XX

Standard Plating

02 : Gold Flash

Selective Plating

01 : Tin

05 : Gold Flash / Tin

## Standard Packaging : Tube

X

XXX

C1BC

A

Pin Length (A/B/E)

001 : A=4.00 / B=2.40 / E=7.60

For special length requirement  
Please contact our sales personnel