

# Pin Header

pitch 2.54mm (0.1") | Dual row | R/A

GPHB210 Series

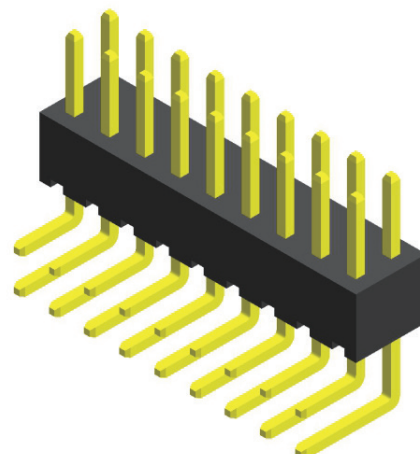
## Specifications

|                           |                 |
|---------------------------|-----------------|
| Current Rating :          | 3.0 Ampere      |
| Insulation Resistance :   | 1000 MΩ Min     |
| Dielectric Withstanding : | 600V AC         |
| Contact Resistance :      | 20 mΩ Max       |
| Operating Temperature :   | -40°C to +105°C |

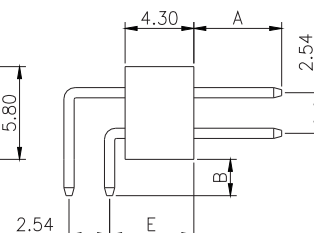
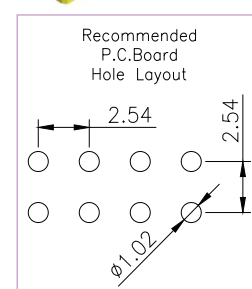
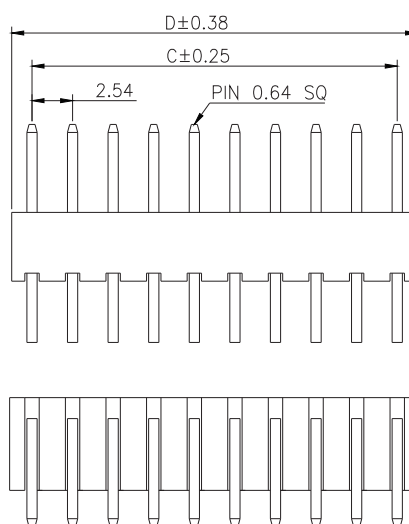
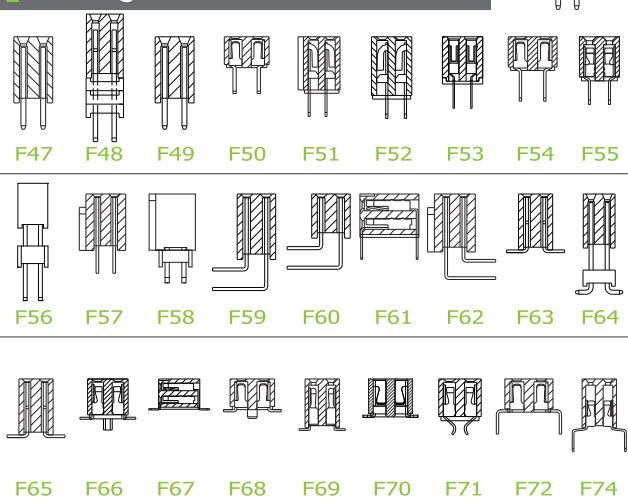
## Materials

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

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 |       |  | 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              | 2.54                  | 5.08  |  | 11              | 25.40                 | 27.94 |  | 21              | 50.80                 | 53.34 |  | 31              | 76.20                 | 78.74  |  |
| 03              | 5.08                  | 7.62  |  | 12              | 27.94                 | 30.48 |  | 22              | 53.34                 | 55.88 |  | 32              | 78.74                 | 81.28  |  |
| 04              | 7.62                  | 10.16 |  | 13              | 30.48                 | 33.02 |  | 23              | 55.88                 | 58.42 |  | 33              | 81.28                 | 83.82  |  |
| 05              | 10.16                 | 12.70 |  | 14              | 33.02                 | 35.56 |  | 24              | 58.42                 | 60.96 |  | 34              | 83.82                 | 86.36  |  |
| 06              | 12.70                 | 15.24 |  | 15              | 35.56                 | 38.10 |  | 25              | 60.96                 | 63.50 |  | 35              | 86.36                 | 88.90  |  |
| 07              | 15.24                 | 17.78 |  | 16              | 38.10                 | 40.64 |  | 26              | 63.50                 | 66.04 |  | 36              | 88.90                 | 91.44  |  |
| 08              | 17.78                 | 20.32 |  | 17              | 40.64                 | 43.18 |  | 27              | 66.04                 | 68.58 |  | 37              | 91.44                 | 93.98  |  |
| 09              | 20.32                 | 22.86 |  | 18              | 43.18                 | 45.72 |  | 28              | 68.58                 | 71.12 |  | 38              | 93.98                 | 96.52  |  |
| 10              | 22.86                 | 25.40 |  | 19              | 45.72                 | 48.26 |  | 29              | 71.12                 | 73.66 |  | 39              | 96.52                 | 99.06  |  |
|                 |                       |       |  | 20              | 48.26                 | 50.80 |  | 30              | 73.66                 | 76.20 |  | 40              | 99.06                 | 101.60 |  |

## Ordering Information

|       |                   |                     |           |                   |                                                 |                        |                                                                                                                                                        |
|-------|-------------------|---------------------|-----------|-------------------|-------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| GPHB2 | <b>XX</b>         | - <b>XX</b>         | <b>XX</b> | <b>XX</b>         | <b>X</b>                                        | <b>XXX</b>             | <b>A1BC</b>                                                                                                                                            |
|       | Height Option (H) |                     |           |                   |                                                 |                        |                                                                                                                                                        |
|       | <b>10</b>         |                     |           |                   |                                                 |                        |                                                                                                                                                        |
|       |                   |                     |           |                   |                                                 |                        |                                                                                                                                                        |
|       |                   | No. of Pins per Row | <b>02</b> | Standard Plating  | <b>02</b> : Gold Flash                          | Pin Length (A / B / E) | <b>001</b> : A=6.00 / B=3.00 / E=4.12<br><b>006</b> : A=4.00 / B=3.00 / E=4.40<br>For special length requirement<br>Please contact our sales personnel |
|       |                   |                     |           |                   |                                                 |                        |                                                                                                                                                        |
|       |                   |                     |           |                   |                                                 |                        |                                                                                                                                                        |
|       |                   |                     |           |                   |                                                 |                        |                                                                                                                                                        |
|       |                   | No. of Pins per Row | <b>40</b> | Selective Plating | <b>01</b> : Tin<br><b>05</b> : Gold Flash / Tin |                        |                                                                                                                                                        |
|       |                   |                     |           |                   |                                                 |                        |                                                                                                                                                        |
|       |                   |                     |           |                   |                                                 |                        |                                                                                                                                                        |
|       |                   |                     |           |                   |                                                 |                        |                                                                                                                                                        |

Standard Packaging : Tube