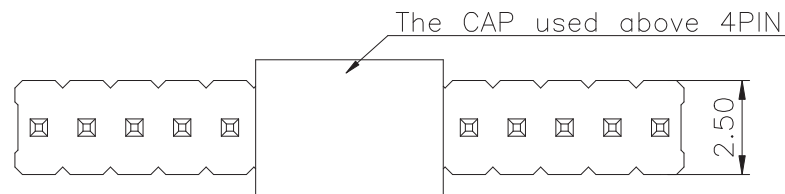
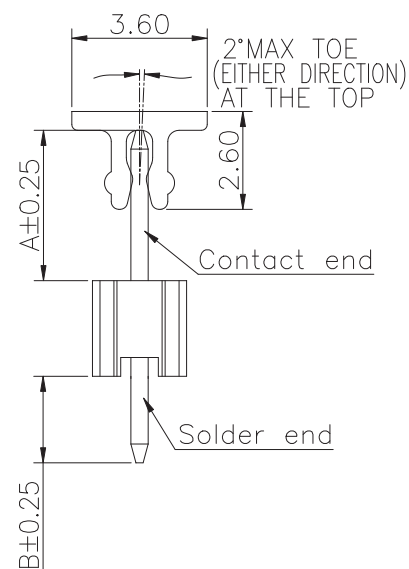
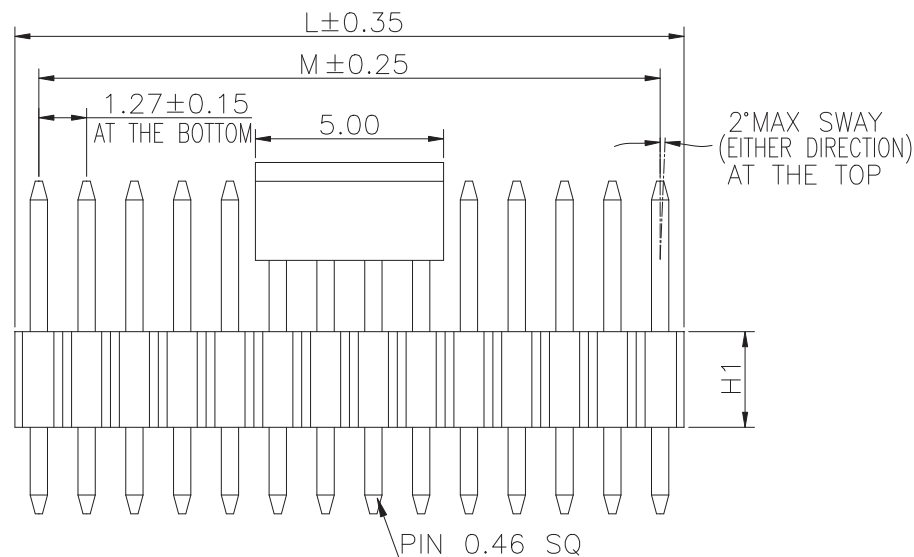
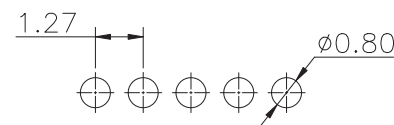


1 2 3 4 5 6 7 8 9



Recommended P.C.Board  
Layout  
(Tolerance:±0.05)



Specifications  
Current Rating:1.0Amp  
Insulation Resistance:1000MΩMin.  
Dielectric Withstanding Voltage:300VAC  
Contact Resistance:20mΩMax.  
Operating Temperature:−40°C to +105°C  
Materials  
Contact Material:Brass  
Insulator Material:High Temperature  
Thermoplastic, UL 94V−0 LCP  
or the equivalent material  
All materials must meet Greenconn  
hazardous substances control standards.

| No. of<br>PIN/ROW | Dimension Information |       | No. of<br>PIN/ROW | Dimension Information |       |
|-------------------|-----------------------|-------|-------------------|-----------------------|-------|
|                   | L                     | M     |                   | L                     | M     |
| 02                | 2.54                  | 1.27  | 27                | 34.29                 | 33.02 |
| 03                | 3.81                  | 2.54  | 28                | 35.56                 | 34.29 |
| 04                | 5.08                  | 3.81  | 29                | 36.83                 | 35.56 |
| 05                | 6.35                  | 5.08  | 30                | 38.10                 | 36.83 |
| 06                | 7.62                  | 6.35  | 31                | 39.37                 | 38.10 |
| 07                | 8.89                  | 7.62  | 32                | 40.64                 | 39.37 |
| 08                | 10.16                 | 8.89  | 33                | 41.91                 | 40.64 |
| 09                | 11.43                 | 10.16 | 34                | 43.18                 | 41.91 |
| 10                | 12.70                 | 11.43 | 35                | 44.45                 | 43.18 |
| 11                | 13.97                 | 12.70 | 36                | 45.72                 | 44.45 |
| 12                | 15.24                 | 13.97 | 37                | 46.99                 | 45.72 |
| 13                | 16.51                 | 15.24 | 38                | 48.26                 | 46.99 |
| 14                | 17.78                 | 16.51 | 39                | 49.53                 | 48.26 |
| 15                | 19.05                 | 17.78 | 40                | 50.80                 | 49.53 |
| 16                | 20.32                 | 19.05 | 41                | 52.07                 | 50.80 |
| 17                | 21.59                 | 20.32 | 42                | 53.34                 | 52.07 |
| 18                | 22.86                 | 21.59 | 43                | 54.61                 | 53.34 |
| 19                | 24.13                 | 22.86 | 44                | 55.88                 | 54.61 |
| 20                | 25.40                 | 24.13 | 45                | 57.15                 | 55.88 |
| 21                | 26.67                 | 25.40 | 46                | 58.42                 | 57.15 |
| 22                | 27.94                 | 26.67 | 47                | 59.69                 | 58.42 |
| 23                | 29.21                 | 27.94 | 48                | 60.96                 | 59.69 |
| 24                | 30.48                 | 29.21 | 49                | 62.23                 | 60.96 |
| 25                | 31.75                 | 30.48 | 50                | 63.50                 | 62.23 |
| 26                | 33.02                 | 31.75 |                   |                       |       |

## Ordering Information

**XB-PZ-A-127-101X**

Plastic specifications

1=Single row  
2=Dual row  
3=Tripe row  
4=Quadruple

Water code  
01:H1=2.54  
02:H1=3.00  
03:H1=1.70  
15:H1=1.40

No. of Pins per Row  
02~50

Positioning column information

A=No locating post  
B=Round post  
C=Square post

Plating code

01=Tin  
02=Gold Flash  
05=Gold Flash/Tin  
22=Matte Tin

Pin length  
See the drawing

Insulator Material

A=PBT  
R=Nylon(Halogen Free)  
C=LCP

Color

1=Black  
2=White  
3=Yellow  
E=Beige

Contact Material

A/S/K/T=Phosphor Bronze  
B/Z/H/W=Brass

Packing code

A=Box  
B=Tray  
C=Tube  
D=Tape&Reel  
E=Cap+Tube  
F=Cap+Tape&Reel  
G=Acetate Tape+Tube  
H=Acetate Tape+Tape&Reel

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DONG GUAN XI BANG ELECTRONICS CO., LTD.

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### GENERAL TOLERANCE

|            |           |
|------------|-----------|
| X.*±5.0°   | X.±0.30   |
| .X*±3.0°   | .X±0.25   |
| .XX*±2.0°  | .XX±0.15  |
| .XXX*±1.0° | .XXX±0.10 |

DWG. NO.

**XB-PZ-A-127-101X**

PART NO.

**XB-PZ-A-127-101X**

TITLE.

1.27 PIN HEADER  
SINGLE ROW DIP TYPE  
CONNECTOR

## Specifications

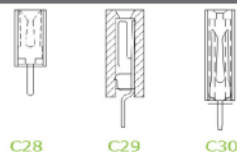
Current Rating : 1.0 Ampere  
 Insulation Resistance : 1000 MΩ Min  
 Dielectric Withstanding : 300V AC  
 Contact Resistance : 20 mΩ Max  
 Operating Temperature : -40°C to +105°C

## Materials

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

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

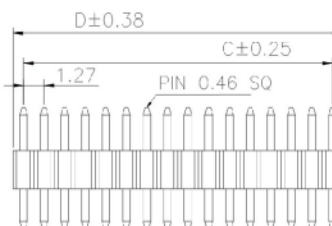
## Mating with



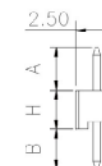
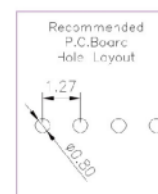
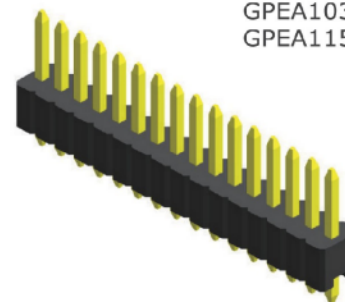
C28

C29

C30



GFLA102  
 GPEA103  
 GPEA115 Series



\* 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              | 1.27                  | 2.54  | 14              | 16.51                 | 17.78 | 27              | 33.02                 | 34.29 | 40              | 49.53                 | 50.80 |
| 03              | 2.54                  | 3.81  | 15              | 17.78                 | 19.05 | 28              | 34.29                 | 35.56 | 41              | 50.80                 | 52.07 |
| 04              | 3.81                  | 5.08  | 16              | 19.05                 | 20.32 | 29              | 35.56                 | 36.83 | 42              | 52.07                 | 53.34 |
| 05              | 5.08                  | 6.35  | 17              | 20.32                 | 21.59 | 30              | 36.83                 | 38.10 | 43              | 53.34                 | 54.61 |
| 06              | 6.35                  | 7.62  | 18              | 21.59                 | 22.86 | 31              | 38.10                 | 39.37 | 44              | 54.61                 | 55.88 |
| 07              | 7.62                  | 8.89  | 19              | 22.86                 | 24.13 | 32              | 39.37                 | 40.64 | 45              | 55.88                 | 57.15 |
| 08              | 8.89                  | 10.16 | 20              | 24.13                 | 25.40 | 33              | 40.64                 | 41.91 | 46              | 57.15                 | 57.42 |
| 09              | 10.16                 | 11.43 | 21              | 25.40                 | 26.67 | 34              | 41.91                 | 43.18 | 47              | 57.42                 | 59.69 |
| 10              | 11.43                 | 12.70 | 22              | 26.67                 | 27.94 | 35              | 43.18                 | 44.45 | 48              | 59.69                 | 60.96 |
| 11              | 12.70                 | 13.97 | 23              | 27.94                 | 29.21 | 36              | 44.45                 | 45.72 | 49              | 60.96                 | 62.23 |
| 12              | 13.97                 | 15.24 | 24              | 29.21                 | 30.48 | 37              | 45.72                 | 46.99 | 50              | 62.23                 | 63.50 |
| 13              | 15.24                 | 16.51 | 25              | 30.48                 | 31.75 | 38              | 46.99                 | 48.26 |                 |                       |       |
|                 |                       |       | 26              | 31.75                 | 33.02 | 39              | 48.26                 | 49.53 |                 |                       |       |



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### GENERAL TOLERANCE

X: ±5.0° X: ±0.30  
 .X: ±3.0° .X: ±0.25  
 .XX: ±2.0° .XX: ±0.15  
 .XXX: ±1.0° .XXX: ±0.10

### DESIGN

CHECKED:  
 AUDITED:  
 APPROVED:

### DATE:

DATE:  
 DATE:  
 DATE:

### DWG. NO.

XB-PZ-A-127-101X

### PART NO.

XB-PZ-A-127-101X

### TITLE

2.00 FEMALE HEADER  
 SINGLE ROW DIP TYPE  
 BASE 4.30H