

F

E

D

C

B

A

F

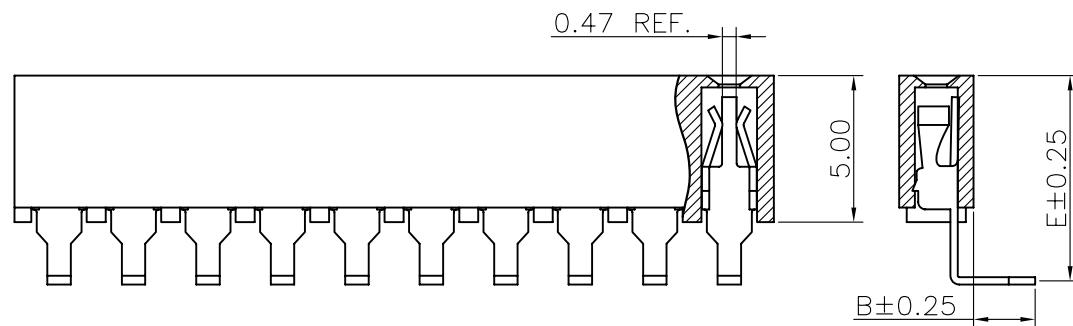
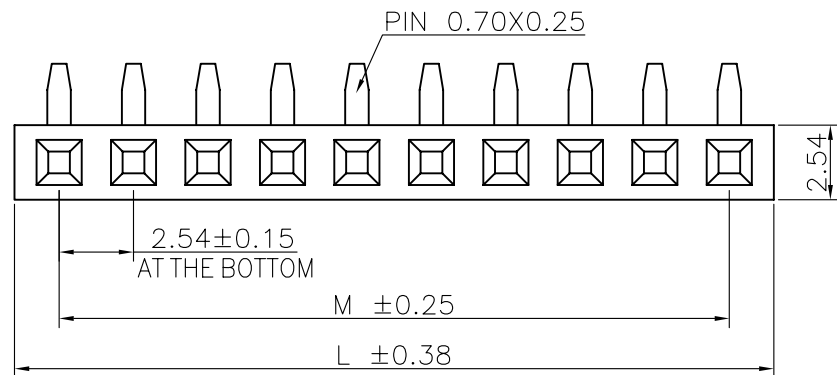
E

D

C

B

A



Specifications  
Current Rating:3.0Amp  
Insulation Resistance:1000MΩMin.  
Dielectric Withstanding Voltage:600VAC  
Contact Resistance:20mΩMax.  
Operating Temperature:-40°C to +105°C  
Materials  
Contact Material:  
Phosphor Bronze  
Insulator Material:  
PBT(Not resistant to high temperature),  
Nylon(High temperature resistance),  
LCP(High temperature resistance),  
UL 94V-0  
All materials must meet Greenconn  
hazardous substances control standards.

| No. of<br>PIN/ROW | Dimension Information |        |
|-------------------|-----------------------|--------|
|                   | M                     | L      |
| 02                | 2.54                  | 5.58   |
| 03                | 5.08                  | 8.12   |
| 04                | 7.62                  | 10.66  |
| 05                | 10.16                 | 13.20  |
| 06                | 12.70                 | 15.74  |
| 07                | 15.24                 | 18.28  |
| 08                | 17.78                 | 20.82  |
| 09                | 20.32                 | 23.36  |
| 10                | 22.86                 | 25.90  |
| 11                | 25.40                 | 28.44  |
| 12                | 27.94                 | 30.98  |
| 13                | 30.48                 | 33.52  |
| 14                | 33.02                 | 36.06  |
| 15                | 35.56                 | 38.60  |
| 16                | 38.10                 | 41.14  |
| 17                | 40.64                 | 43.68  |
| 18                | 43.18                 | 46.22  |
| 19                | 45.72                 | 48.76  |
| 20                | 48.26                 | 51.30  |
| 21                | 50.80                 | 53.84  |
| 22                | 53.34                 | 56.38  |
| 23                | 55.88                 | 58.92  |
| 24                | 58.42                 | 61.46  |
| 25                | 60.96                 | 64.00  |
| 26                | 63.50                 | 66.54  |
| 27                | 66.04                 | 69.08  |
| 28                | 68.58                 | 71.62  |
| 29                | 71.12                 | 74.16  |
| 30                | 73.66                 | 76.70  |
| 31                | 76.20                 | 79.24  |
| 32                | 78.74                 | 81.78  |
| 33                | 81.28                 | 84.32  |
| 34                | 83.82                 | 86.86  |
| 35                | 86.36                 | 89.40  |
| 36                | 88.90                 | 91.94  |
| 37                | 91.44                 | 94.48  |
| 38                | 93.98                 | 97.02  |
| 39                | 96.52                 | 99.56  |
| 40                | 99.06                 | 102.10 |

## Ordering Information

### XB-PM-B-254-106

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

Water code

No. of Pins per Row  
02~40

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

Positioning column information  
A=No locating post  
B=Round post  
C=Square post

Pin length  
See the drawing

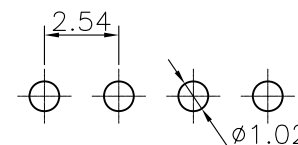
Insulator Material  
A=PBT  
R=Nylon(Halogen Free)  
C=LCP

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

Contact Material  
A/S/K/T=Phosphor Bronze

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

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



**东莞市溪榜电子有限公司**  
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-PM-B-254-106

PART NO.  
XB-PM-B-254-106

TITLE.  
2.54 FEMALE HEADER  
SINGLE ROW R/A TYPE  
CONNECTOR

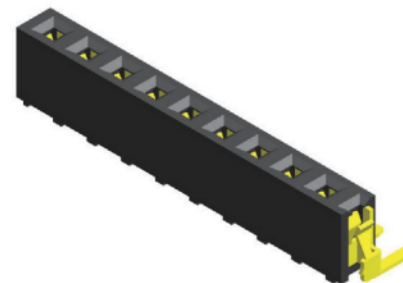
## Specifications

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

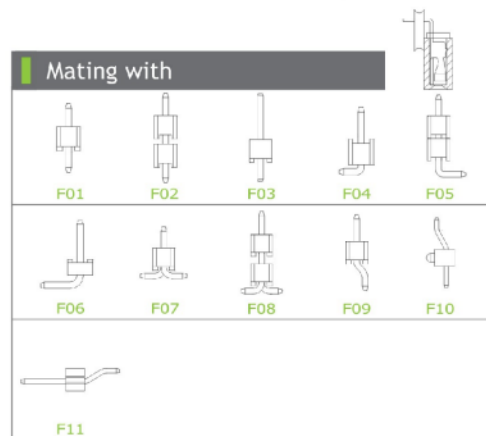
## Materials

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

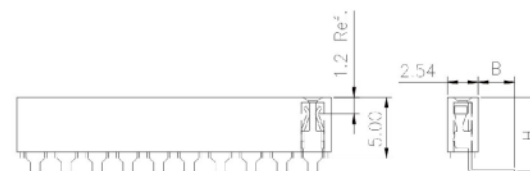
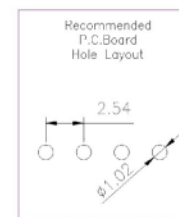
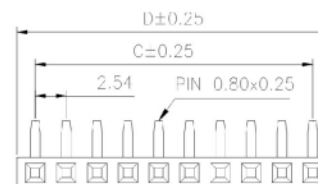
All materials must meet Greenconn's requirements for environmental protection.



## Mating with



P.S. : Suggested mating pin length : 3.0 ~ 4.5 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 |       |  | No. of Pins/Row | Dimension Information |        |  |
|-----------------|-----------------------|-------|--|-----------------|-----------------------|-------|--|-----------------|-----------------------|-------|--|-----------------|-----------------------|--------|--|
|                 | C                     | D     |  |                 | C                     | D     |  |                 | C                     | D     |  |                 | C                     | D      |  |
| 02              | 2.54                  | 5.58  |  | 11              | 25.40                 | 28.44 |  | 21              | 50.80                 | 53.84 |  | 31              | 76.20                 | 79.24  |  |
| 03              | 5.08                  | 8.12  |  | 12              | 27.94                 | 30.98 |  | 22              | 53.34                 | 56.38 |  | 32              | 78.74                 | 81.78  |  |
| 04              | 7.62                  | 10.66 |  | 13              | 30.48                 | 33.52 |  | 23              | 55.88                 | 58.92 |  | 33              | 81.28                 | 84.32  |  |
| 05              | 10.16                 | 13.20 |  | 14              | 33.02                 | 36.06 |  | 24              | 58.42                 | 61.46 |  | 34              | 83.82                 | 86.86  |  |
| 06              | 12.70                 | 15.74 |  | 15              | 35.56                 | 38.60 |  | 25              | 60.96                 | 64.00 |  | 35              | 86.36                 | 89.40  |  |
| 07              | 15.24                 | 18.28 |  | 16              | 38.10                 | 41.14 |  | 26              | 63.50                 | 66.54 |  | 36              | 88.90                 | 91.94  |  |
| 08              | 17.78                 | 20.82 |  | 17              | 40.64                 | 43.68 |  | 27              | 66.04                 | 69.08 |  | 37              | 91.44                 | 94.48  |  |
| 09              | 20.32                 | 23.36 |  | 18              | 43.18                 | 46.22 |  | 28              | 68.58                 | 71.62 |  | 38              | 93.98                 | 97.02  |  |
| 10              | 22.86                 | 25.90 |  | 19              | 45.72                 | 48.76 |  | 29              | 71.12                 | 74.16 |  | 39              | 96.52                 | 99.56  |  |
|                 |                       |       |  | 20              | 48.26                 | 51.30 |  | 30              | 73.66                 | 76.70 |  | 40              | 99.06                 | 102.10 |  |



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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-PM-B-254-106

PART NO.

XB-PM-B-254-106

TITLE:

2.00 FEMALE HEADER  
 SINGLE ROW DIP TYPE  
 BASE 4.30H