

# Pitch:1.27mm(0.05") Female Header Single Row Right Angle Type

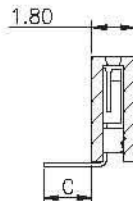
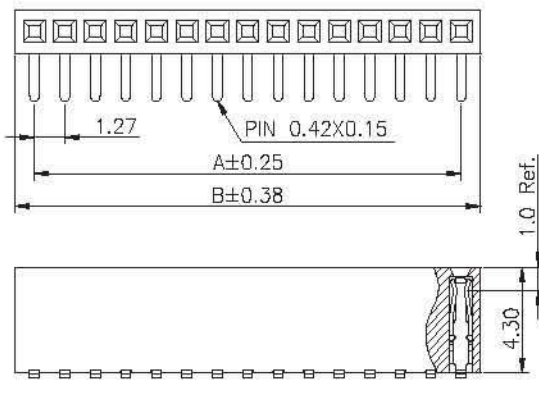
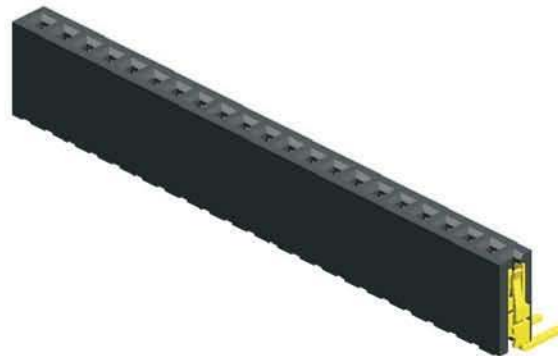
**MXCONN**  
MFEB102 Series

## Specifications

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

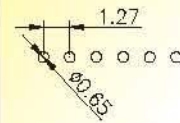
## Materials

Contact Material: Phosphor Bronze  
Insulation Material: Polyester, UL 94V-0  
LCP



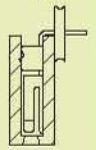
PS:Suggested Mating Pin Length:2.0~4.0mm

Recommended  
P.C.Board  
Hole Layout



GPEA1XX

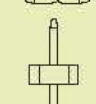
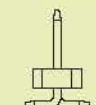
Mating with



GPEB1XX



GPEC1XX



| No. of Pins/Row | Dimension 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     |                 | A                     | B     |
| 02              | 1.27                  | 2.98  | 12              | 13.97                 | 15.59 | 22              | 26.67                 | 28.29 | 32              | 39.37                 | 40.99 |
| 03              | 2.54                  | 4.16  | 13              | 15.24                 | 16.86 | 23              | 27.94                 | 29.56 | 33              | 40.64                 | 42.26 |
| 04              | 3.81                  | 5.43  | 14              | 16.51                 | 18.13 | 24              | 29.21                 | 30.83 | 34              | 41.91                 | 43.53 |
| 05              | 5.08                  | 6.70  | 15              | 17.78                 | 19.40 | 25              | 30.48                 | 32.10 | 35              | 43.18                 | 44.80 |
| 06              | 6.35                  | 7.97  | 16              | 19.05                 | 20.67 | 26              | 31.75                 | 33.37 | 36              | 44.45                 | 46.07 |
| 07              | 7.62                  | 9.24  | 17              | 20.32                 | 21.94 | 27              | 33.02                 | 34.64 | 37              | 45.72                 | 47.34 |
| 08              | 8.89                  | 10.51 | 18              | 21.59                 | 23.21 | 28              | 34.29                 | 35.91 | 38              | 46.99                 | 48.61 |
| 09              | 10.16                 | 11.78 | 19              | 22.86                 | 24.48 | 29              | 35.56                 | 37.18 | 39              | 48.26                 | 49.88 |
| 10              | 11.43                 | 13.05 | 20              | 24.13                 | 25.75 | 30              | 36.83                 | 38.45 | 40              | 49.53                 | 51.15 |
| 11              | 12.70                 | 14.32 | 21              | 25.40                 | 27.02 | 31              | 38.10                 | 39.72 |                 |                       |       |

## Ordering Information

|         |                     |                      |                         |   |     |
|---------|---------------------|----------------------|-------------------------|---|-----|
| MFEB102 | -                   | XX                   | XX                      | A | XXX |
|         | No. of Pins per Row | Standard Plating     | Pin Length (C)          |   |     |
|         | 02 ~40              | 01 :Tin              | 001 :C=2.00             |   |     |
|         |                     | 02 :Gold Flash       | Selective Length        |   |     |
|         |                     | Selective Plating    | Custom Length Available |   |     |
|         |                     | 05 :Gold Flash / Tin |                         |   |     |

\* Standard Packaging: Tube

Due to technical progress, all designs, Specifications and components are subject to change without notice