

# MB912, MB920 PCB Terminal Block, Modular



MB912-762M



MB920-952M



MB912-762M



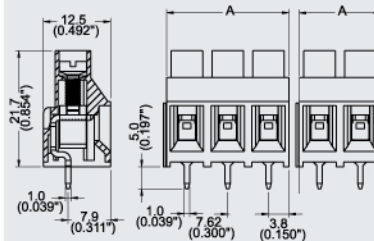
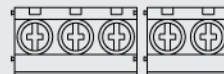
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## Dimensions/Positions

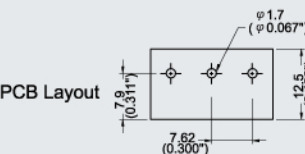
|        |                         |                        |                          |
|--------|-------------------------|------------------------|--------------------------|
| 間距     | Pitch                   | 7.62mm                 | 9.52mm                   |
| 尺寸a    | Dimension a             | 7.62mm                 | 9.52mm                   |
| 長度 A   | Length                  | A= 7.62xP(P≥2)         | A= 9.52xP(P≥2)           |
| 塑膠本體   | Housing Material        | PA 66                  | PA 66                    |
| 壓線圈    | Cage Clamp              | Brass, Ni Plated       | Steel, Ni Plated         |
| 端子     | Contact                 | Brass, Tin Plated      | Brass, Tin Plated        |
| 螺紋     | Screw Thread            | M3, Steel, Zinc Plated | M3.0, Steel, Zinc Plated |
| 電線線徑   | Wire Size               | 10 ~ 24AWG             | 10 ~ 24AWG               |
| PCB孔徑  | PCB Hole Diameter       | 1.7mm                  | 1.7mm                    |
| 最大緊固扭矩 | Tightening Torque, Max. | 5.5 Lb-in              | 9 Lb-in                  |
| 環境作業溫度 | Operating Temperature   | -40°C to +105°C        | -40°C to +105°C          |

## TECHNICAL DATA

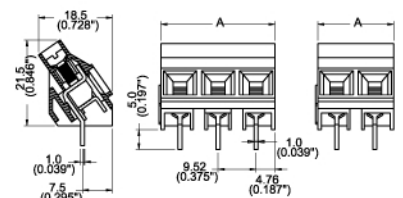
|                    |                                         |                  |                  |
|--------------------|-----------------------------------------|------------------|------------------|
| 絕緣材料組              | Insulating Material group               | I                | I                |
| 額定電涌電壓(III/3)      | Rated surge voltage (III/3)             | 6 kV             | 8 kV             |
| 額定電涌電壓(III/2)      | Rated surge voltage (III/2)             | 6 kV             | 8 kV             |
| 額定電涌電壓(II/2)       | Rated surge voltage (II/2)              | 6 kV             | 8 kV             |
| 額定電壓(III/3)        | Rated voltage(III/3)                    | 500V             | 690V             |
| 額定電壓(III/2)        | Rated voltage(III/2)                    | 630V             | 1000V            |
| 額定電壓(II/2)         | Rated voltage(II/2)                     | 1000V            | 1000V            |
| 連接符合標準             | Connection in acc. with standard EN-VDE |                  |                  |
| 額定電流I <sub>N</sub> | Nominal Current I <sub>N</sub>          | 30A              | 25A              |
| 額定橫截面              | Nominal Cross Section                   | 6mm <sup>2</sup> | 6mm <sup>2</sup> |
| 最大負載電流             | Maximum load current                    | 30A              | 25A              |
| 絕緣材料               | Insulating Material                     | PA               | PA               |
| 阻燃等級, 符合UL94       | Inflammability class acc. to UL94       | V0               | V0               |
| 額定電壓, UL/CUL標準B組   | Nominal voltage, UL/CUL Use Group B     | 300V             | 600V             |
| 額定電流, UL/CUL標準B組   | Nominal current, UL/CUL Use Group B     | 30A              | 30A              |
| 額定電壓, UL/CUL標準D組   | Nominal voltage, UL/CUL Use Group D     | 300V             | 300V             |
| 額定電流, UL/CUL標準D組   | Nominal current, UL/CUL Use Group D     | 10A              | 10A              |



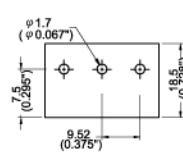
PCB Layout



Note:  
Screw Plating: Changes are available upon request  
Cage Clamp: MB910: Steel



PCB Layout



Note:  
Screw Plating: Changes are available upon request  
Cage Clamp: MB922: Brass