

# Terminal Block

## 5.0mm Pitch

**multicomp**<sup>PRO</sup>

**RoHS  
Compliant**



### Features

- Fixed screw connection technology, safe and reliable
- Square wiring hole, large wiring capacity
- Different poles can be combined through the side lock

### Specifications

|                                  |                                          |
|----------------------------------|------------------------------------------|
| Conductor cross section solid    | : 0.5mm <sup>2</sup> to 4mm <sup>2</sup> |
| Conductor cross section flexible | : 0.5mm <sup>2</sup> to 4mm <sup>2</sup> |
| AWG                              | : 20AWG to 12AWG                         |
| Torque                           | : 0.5N.m                                 |
| Strip length                     | : 6.5mm                                  |

#### Electrical parameters UL

|                   |        |
|-------------------|--------|
| Rated voltage (B) | : 300V |
| Rated voltage (D) | : 300V |
| Rated current (B) | : 20A  |
| Rated current (D) | : 10A  |

#### Electrical parameters IEC

|                            |              |
|----------------------------|--------------|
| Rated current              | : 250V / 25A |
| Rated current(III/2)       | : 250V       |
| Rated surge voltage(III/2) | : 2KV        |

#### Item properties

|                      |                                         |
|----------------------|-----------------------------------------|
| Type of installation | : PCB welding                           |
| Pin arrangement      | : Single row in a straight line         |
| Connection method    | : Screw connection with wire protection |
| Screwdriver          | : Slotted screwdriver                   |
| Screw thread         | : M3                                    |
| Pitch                | : 5mm                                   |

#### Material data

|                             |                |
|-----------------------------|----------------|
| Contact material            | : Copper alloy |
| Contact point metal surface | : Tin-plated   |
| Insulation Materials        | : PA66         |

#### Environmental data

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | : -40°C to 105°C |
|---------------------------------|------------------|

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**Part Number Table**

| Description                | No. of Ways | Part Number |
|----------------------------|-------------|-------------|
| Terminal Block, PCB, Screw | 2           | MP011999    |
|                            | 3           | MP012000    |
|                            | 4           | MP012001    |
|                            | 5           | MP012002    |
|                            | 6           | MP012003    |
|                            | 7           | MP012004    |
|                            | 8           | MP012005    |
|                            | 9           | MP012006    |
|                            | 10          | MP012007    |
|                            | 11          | MP012008    |
|                            | 12          | MP012009    |

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