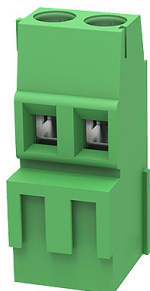# Terminal Block
## 5.0mm Pitch

## Features

- Fixed screw connection technology,safe and reliable
- Different poles can be combined through the side lock
- Universal installation method to ensure a high degree of flexibility in device design

## Specifications

| | |
|---|---|
| Conductor cross section solid | : 1mm² to 2.5mm² |
| Conductor cross section flexible | : 1mm² to 2.5mm² |
| AWG | : 28AWG to 12AWG |
| Torque | : 0.5N.m |
| Strip length | : 6mm |

**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 / 24A |
| Rated current(III/2) | : 250V |
| Rated power frequency voltage(1min) | : 2KV |

**Item properties**

| | |
|---|---|
| Type of installation | : PCB welding |
| Pin arrangement | : Single row in a straight line |
| Connection method | : Screw connection |
| 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 | MP012037 |
| | 3 | MP012038 |
| | 8 | MP012039 |
| | 9 | MP012040 |
| | 16 | MP012041 |

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