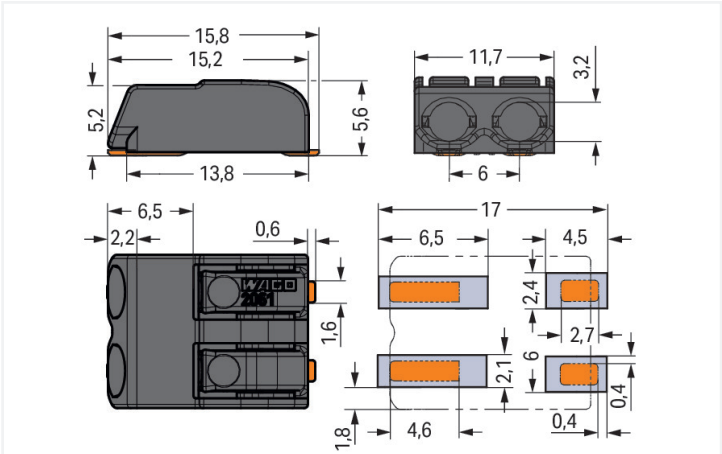
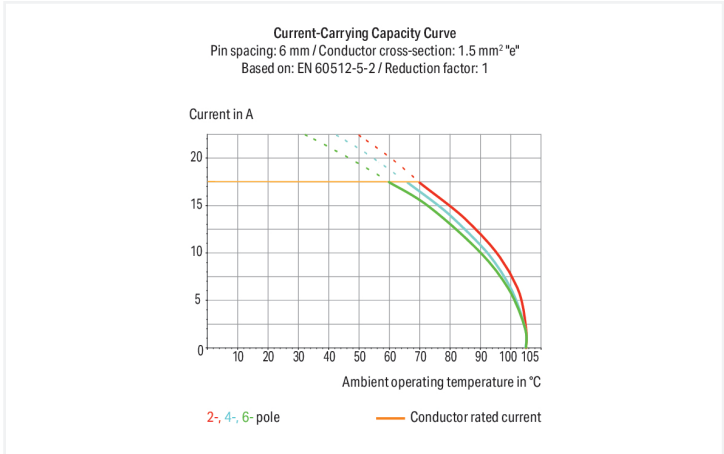
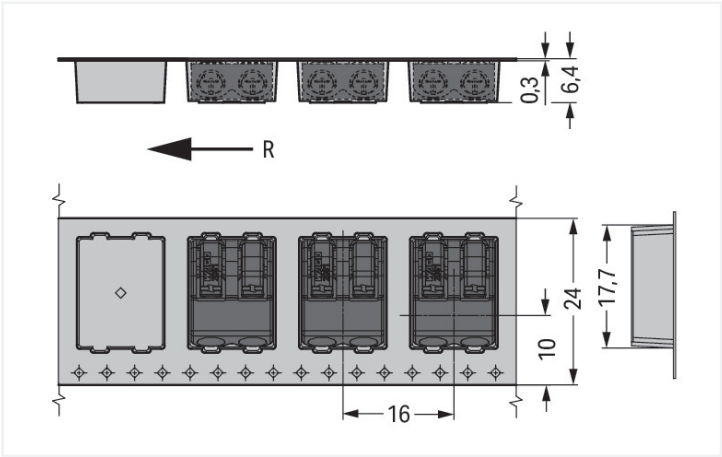




Color: ■ black



Dimensions in mm



Dimensions in mm  
R = feed direction

PCB terminal block, 2061 Series, with 6 mm pin spacing

Our PCB terminal block (item number 2061-622/998-404) makes connecting wires quick and easy. It is a universal connector that can be used almost anywhere, e.g., as a pluggable PCB connector, panel feedthrough header, connector for rail-mount terminal blocks, or a floating connector for different mounting methods. Ensure that the strip lengths are between 7 and 10 mm when connecting conductors to this PCB terminal block. Featuring one conductor terminal along with Push-in CAGE CLAMP®, this connector outperforms the competition. Push-in CAGE CLAMP® technology provides a universal connection solution for all conductor types. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. The dimensions are (11.7 x 5.6 x 15.8) mm (width x height x depth). Depending on the conductor type, this PCB terminal block is suitable for conductor cross sections ranging from 0.25 mm² to 1.5 mm².

The contact surface is coated with tin. A push-button is used to operate this PCB terminal block. The PCB terminal block is designed for SMD soldering. The conductor is designed to be inserted into the board at a 0° angle..

| Notes          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note           | Application notes:<br>Suitable for lead-free, reflow-soldering profiles per DIN EN 61760-1 and IEC 60068-2-58 up to max. 260°C peak temperature. Due to application-specific variables (component configuration and orientation, type of soldering machine, solder paste), trial runs are recommended to ensure product and process compatibility under actual manufacturing conditions.<br><br>Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality. |
| Recommendation | Recommendation for stencil:<br>150 µm material thickness; Pattern layout identical to solder pad layout                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| Electrical data                 |  |                |        |        |
|---------------------------------|--|----------------|--------|--------|
| Ratings per                     |  | IEC/EN 60664-1 |        |        |
| Overvoltage category            |  | III            | III    | II     |
| Pollution degree                |  | 3              | 2      | 2      |
| Nominal voltage                 |  | 250 V          | 320 V  | 630 V  |
| Rated impulse withstand voltage |  | 4 kV           | 4 kV   | 4 kV   |
| Rated current                   |  | 17.5 A         | 17.5 A | 17.5 A |
| Approvals per                   |  | UL 1059        |        |        |
| Use group                       |  | B              | C      | D      |
| Rated voltage                   |  | 300 V          | -      | 300 V  |
| Rated current                   |  | 10 A           | -      | 10 A   |

|                                          |                        |
|------------------------------------------|------------------------|
| Pin spacing                              | 6 mm / 0.24 inches     |
| Width                                    | 11.7 mm / 0.461 inches |
| Height                                   | 5.6 mm / 0.22 inches   |
| Height from the surface                  | 5.6 mm / 0.22 inches   |
| Depth                                    | 15.8 mm / 0.622 inches |
| Reel diameter of tape-and-reel packaging | 330 mm                 |
| Tape width                               | 24 mm                  |

|                                     |                                          |
|-------------------------------------|------------------------------------------|
| PCB contact                         | SMD                                      |
| Solder pin arrangement              | over the entire terminal strip (in-line) |
| Number of solder pins per potential | 2                                        |

|                                    |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | black                                                                    |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyphthalamide (PPA GF)                                                 |
| Flammability class per UL94        | V0                                                                       |
| Contact material                   | Copper alloy                                                             |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 0.007 MJ                                                                 |
| Weight                             | 1.7 g                                                                    |
| MSL per J-STD 020D                 | 1                                                                        |

|                         |                 |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +105 °C |
|-------------------------|-----------------|



| Commercial data       |                |
|-----------------------|----------------|
| PU (SPU)              | 6300 (700) pcs |
| Packaging type        | Box            |
| Country of origin     | CN             |
| GTIN                  | 4055143278034  |
| Customs tariff number | 85369010000    |

| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39121409             |
| eCl@ss 10.0            | 27-14-11-06          |
| eCl@ss 9.0             | 27-14-11-06          |
| ETIM 9.0               | EC001284             |
| ETIM 10.0              | EC001284             |
| ECCN                   | NO US CLASSIFICATION |

| Environmental Product Compliance |                         |
|----------------------------------|-------------------------|
| RoHS Compliance Status           | Compliant, No Exemption |

### Approvals / Certificates

#### General approvals



| Approval                              | Standard     | Certificate Name |
|---------------------------------------|--------------|------------------|
| CCA<br>DEKRA Certification B.V.       | EN 60947-7-4 | NTR NL-7773      |
| CCA<br>DEKRA Certification B.V.       | EN 60838     | NTR NL-7721      |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60838     | 71-106232        |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947-7-4 | 71-110254        |

### Downloads

#### Environmental Product Compliance

| Compliance Search                                    |  |
|------------------------------------------------------|--|
| Environmental Product Compliance<br>2061-622/998-404 |  |



Documentation

| Additional Information |            |                   |  |
|------------------------|------------|-------------------|--|
| Technical Section      | 03.04.2019 | pdf<br>2027.26 KB |  |

CAD/CAE-Data

| CAD data                         |
|----------------------------------|
| 2D/3D Models<br>2061-622/998-404 |
|                                  |

| CAE data                         |
|----------------------------------|
| ZUKEN Portal<br>2061-622/998-404 |
|                                  |

| PCB Design                                                      |
|-----------------------------------------------------------------|
| Symbol and Footprint via<br>SamacSys<br>2061-622/998-404        |
|                                                                 |
| Symbol and Footprint via<br>Ultra Librarian<br>2061-622/998-404 |
|                                                                 |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Board-to-board link

1.1.1.1 Board-to-board link



**Item No.: 2061-902**  
Board-to-Board Link; Pin spacing 6 mm; 2-  
pole; Length: 30 mm; white



**Item No.: 2061-902/034-000**  
Board-to-Board Link; Pin spacing 6 mm; 2-  
pole; Length: 34 mm; white

1.1.2 Ferrule

1.1.2.1 Ferrule



**Item No.: 216-201**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insu-  
lated; electro-tin plated; electrolytic copper;  
acc. to DIN 46228, Part 4/09.90; white



**Item No.: 216-241**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insu-  
lated; electro-tin plated; electrolytic copper;  
gastight crimped; acc. to DIN 46228, Part  
4/09.90; white



**Item No.: 216-141**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; unin-  
sulated; electro-tin plated; electrolytic cop-  
per; gastight crimped; acc. to DIN 46228,  
Part 1/08.92



**Item No.: 216-101**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; unin-  
sulated; electro-tin plated; silver-colored



**Item No.: 216-242**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insu-  
lated; electro-tin plated; electrolytic copper;  
gastight crimped; acc. to DIN 46228, Part  
4/09.90; gray



**Item No.: 216-202**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; in-  
sulated; electro-tin plated; gray



**Item No.: 216-142**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG;  
uninsulated; electro-tin plated; electrolytic  
copper; gastight crimped; acc. to DIN  
46228, Part 1/08.92



**Item No.: 216-102**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; unin-  
sulated; electro-tin plated; silver-colored



1.1.3 Tool

1.1.3.1 Operating tool



Item No.: 206-866  
Operating tool; for 2061 Series



Item No.: 2061-190  
Operating tool; made of insulating material

Installation Notes

Conductor termination



Inserting solid conductors via push-in termination.

Conductor termination



Easy conductor removal, e.g., via operating tool (206-861)