

## Pin strip - PST 1,3/ 2-5,0 - 1933189

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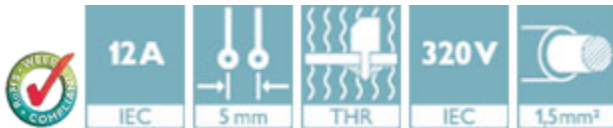
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.



The figure shows a 10-position version of the product

### Product Features

- Suitable for wave and reflow soldering processes
- Optimum pin geometry for all COMBICON pin strip connectors



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 250 pc   |
| Weight per Piece (excluding packing) | 0.4 g    |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|                          |         |
|--------------------------|---------|
| Length                   | 2.8 mm  |
| Pitch                    | 5.00 mm |
| Dimension a              | 5 mm    |
| Constructional height    | 9.5 mm  |
| Length of the solder pin | 3.5 mm  |
| Pin dimensions           | 1,3 mm  |
| Hole diameter            | 1.5 mm  |

#### General

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## Technical data

### General

|  |                                 |
|--|---------------------------------|
| Range of articles                      | PST 1,3/...-V                   |
| Insulating material group              | IIIa                            |
| Rated surge voltage (III/3)            | 4 kV                            |
| Rated surge voltage (III/2)            | 4 kV                            |
| Rated surge voltage (II/2)             | 4 kV                            |
| Rated voltage (III/3)                  | 250 V                           |
| Rated voltage (III/2)                  | 320 V                           |
| Rated voltage (II/2)                   | 400 V                           |
| Connection in acc. with standard       | EN-VDE                          |
| Nominal current I <sub>N</sub>         | 12 A (depends on the plug used) |
| Maximum load current                   | 12 A (depends on the plug used) |
| Insulating material                    | PA                              |
| Flammability rating according to UL 94 | V0                              |
| Color                                  | black                           |
| Number of positions                    | 2                               |

### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CSA    |
| Flammability rating according to UL 94 | V0     |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

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## Classifications

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 34131203 |
| UNSPSC 12.01  | 39121432 |
| UNSPSC 13.2   | 39121432 |

## Approvals

### Approvals


#### Approvals


CSA / UL Recognized / SEV / cUL Recognized / EAC / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / CCA / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details


|   |                    |       |       |
|---|--------------------|-------|-------|
| CSA  |                    |       |       |
|   | B                  | D     |       |
|   | Nominal current IN | 5 A   | 5 A   |
|   | Nominal voltage UN | 300 V | 300 V |

|   |                    |       |       |
|---|--------------------|-------|-------|
| UL Recognized  |                    |       |       |
|   | B                  | D     |       |
|   | Nominal current IN | 16 A  | 10 A  |
|   | Nominal voltage UN | 300 V | 300 V |


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## Approvals

|                    |       |
|--------------------|-------|
| SEV                |       |
| Nominal current IN | 10 A  |
| Nominal voltage UN | 250 V |

|  |       |       |
|--|-------|-------|
| cUL Recognized  |       |       |
|  | B     | D     |
| Nominal current IN   | 16 A  | 10 A  |
| Nominal voltage UN   | 300 V | 300 V |

|     |
|-----|
| EAC |
|-----|

|   |       |
|---|-------|
| VDE Gutachten mit Fertigungsüberwachung  |       |
| Nominal current IN  | 10 A  |
| Nominal voltage UN  | 320 V |


|   |       |
|---|-------|
| IECEE CB Scheme  |       |
| Nominal current IN  | 10 A  |
| Nominal voltage UN  | 320 V |

|                    |       |
|--------------------|-------|
| CCA                |       |
| Nominal current IN | 10 A  |
| Nominal voltage UN | 250 V |

|     |
|-----|
| EAC |
|-----|

## Pin strip - PST 1,3/ 2-5,0 - 1933189

### Approvals

cULus Recognized 

### Accessories

#### Additional products

Plug - PTDA 2,5/ 2-PH-5,0 - 1725497



Plug component, Nominal current: 14 A, Rated voltage (III/2): 400 V, Number of positions: 2, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

PCB terminal block - PT 1,5/ 2-PH-5,0 - 1755583



Plug component, Nominal current: 10 A, Rated voltage (III/2): 400 V, Number of positions: 2, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

PCB terminal block - PT 1,5/ 2-PH-5,0 CLIP - 1755732



Plug component, Nominal current: 10 A, Rated voltage (III/2): 400 V, Number of positions: 2, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Plug - PT 1,5/ 2-PVH-5,0 - 1934861

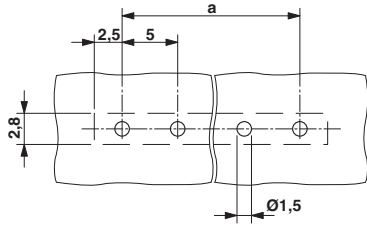


Plug component, Nominal current: 12 A, Rated voltage (III/2): 400 V, Number of positions: 2, Pitch: 5 mm, Connection method: Screw connection with wire protector, Color: green, Contact surface: Tin

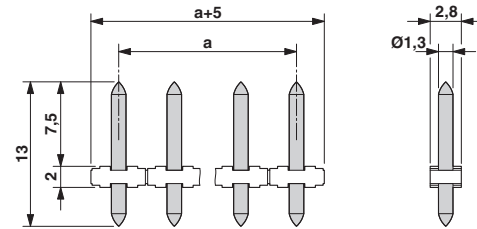
### Drawings

# Pin strip - PST 1,3/ 2-5,0 - 1933189

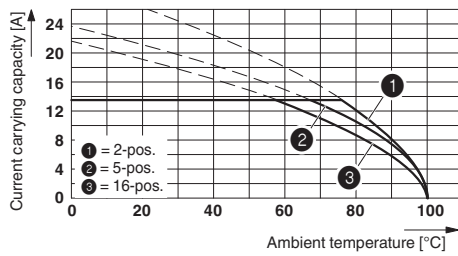
Drilling diagram



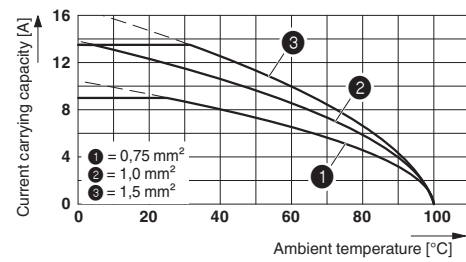
Dimensional drawing



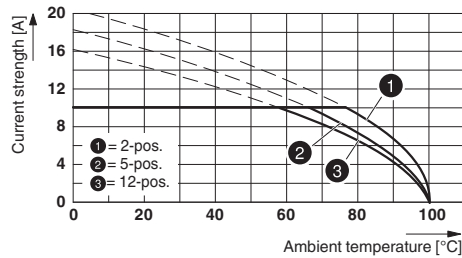
Diagram



Diagram



Diagram



Type: PTS 1,5/...-PH-5,0 with PST 1,3/...-5,0

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