

## Pin strip - PST 1,0/17-3,5 - 1945245

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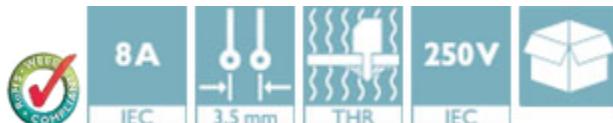


Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 17, Pitch: 3.5 mm, Color: black, Contact surface: Tin, Mounting: THR soldering, The maximum current depends on the plug used. The lower of the two current values apply for plug and pin strip. The pin strip is made of highly temperature resistant plastic and is thus suitable for the reflow process.

The figure shows a 10-position version of the product

### Product Features

- Various pin lengths and pin geometries available on request
- Optimum pin geometry so as to not damage the plug
- Reflow solderable pin strip, optimized for COMBICON compact connectors



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 50 pc    |
| Weight per Piece (excluding packing) | 1.88 g   |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|                          |         |
|--------------------------|---------|
| Length                   | 2.8 mm  |
| Pitch                    | 3.50 mm |
| Dimension a              | 56 mm   |
| Width                    | 59.5 mm |
| Constructional height    | 9.2 mm  |
| Height                   | 12.7 mm |
| Length of the solder pin | 3.5 mm  |
| Pin dimensions           | 1 mm    |

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### Technical data

#### Dimensions

|               |        |
|---------------|--------|
| Hole diameter | 1.1 mm |
|---------------|--------|

#### General

|  |                                |
|--|--------------------------------|
| Range of articles                      | PST 1,0/..-V                   |
| Insulating material group              | IIIa                           |
| Rated surge voltage (III/3)            | 2.5 kV                         |
| Rated surge voltage (III/2)            | 2.5 kV                         |
| Rated surge voltage (II/2)             | 2.5 kV                         |
| Rated voltage (III/3)                  | 160 V                          |
| Rated voltage (III/2)                  | 250 V                          |
| Rated voltage (II/2)                   | 250 V                          |
| Connection in acc. with standard       | EN-VDE                         |
| Nominal current $I_N$                  | 8 A (depends on the plug used) |
| Maximum load current                   | 8 A (depends on the plug used) |
| Insulating material                    | PA                             |
| Flammability rating according to UL 94 | V0                             |
| Color                                  | black                          |
| Number of positions                    | 17                             |

#### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CUL    |
| 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 |
|----------|----------|

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

#### UNSPSC

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

### Approvals

#### Approvals

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##### Approvals

UL Recognized / cUL Recognized / EAC / SEV / CCA / EAC / cULus Recognized

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#### Ex Approvals

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##### Approvals submitted

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#### Approval details

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

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

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### Approvals

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

| SEV                |       |
|--------------------|-------|
| Nominal current IN | 6 A   |
| Nominal voltage UN | 160 V |

| CCA                |       |
|--------------------|-------|
| Nominal current IN | 6 A   |
| Nominal voltage UN | 160 V |

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



### Accessories

### Additional products

Plug - FK-MPT 0,5/17-ST-3,5 - 1914085

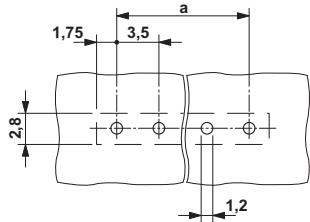
Plug component, Nominal current: 4 A, Rated voltage (III/2): 250 V, Number of positions: 17, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



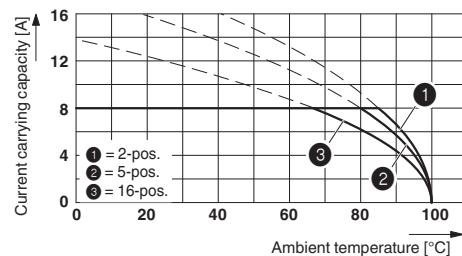
### Drawings

## Pin strip - PST 1,0/17-3,5 - 1945245

Drilling diagram

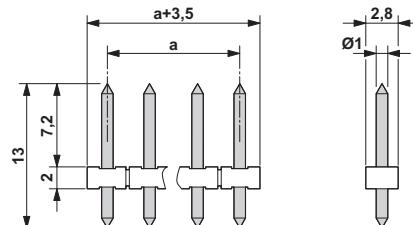


Diagram



Derating curve for: PTDA 1,5/..-PH-3,5 with PST 1,0/..-3,5

Dimensional drawing



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