

## Pin strip - PST 1,0/ 8-3,5 - 1945151

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Header, Nominal current: 8 A, Rated voltage (III/2): 250 V, Number of positions: 8, 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

### Why buy this product

- 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 | 100 STK         |
| GTIN         | 4 017918 883324 |

### Technical data

#### Dimensions

|                          |         |
|--------------------------|---------|
| Length                   | 2.8 mm  |
| Pitch                    | 3.50 mm |
| Dimension a              | 24.5 mm |
| Width                    | 28 mm   |
| Constructional height    | 9.2 mm  |
| Height                   | 12.7 mm |
| Length of the solder pin | 3.5 mm  |
| Pin dimensions           | 1 mm    |
| Hole diameter            | 1.2 mm  |

#### General

|                           |              |
|---------------------------|--------------|
| Range of articles         | PST 1,0/..-V |
| Insulating material group | IIIa         |

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## Technical data

### General

|  |                                |
|--|--------------------------------|
| 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                    | 8                              |

### 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 |
| 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 |

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## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / SEV / CCA / 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 |

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

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

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

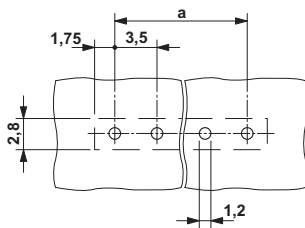
# Pin strip - PST 1,0/ 8-3,5 - 1945151

## Approvals

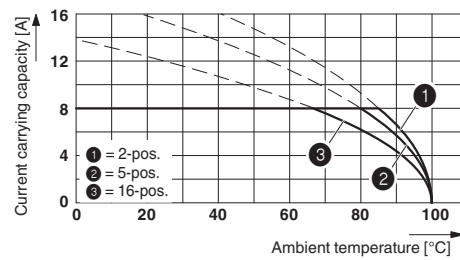
cULus Recognized US

## Drawings

Drilling diagram

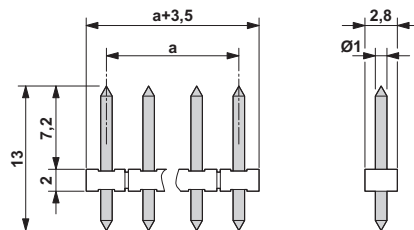


Diagram



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

Dimensional drawing



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