

## Pin strip - PST 1,0/ 8-3,5 R56 - 1720275

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Pin strip, 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 an 8-pos. version of the item in tape-on-reel packing

### Your advantages

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



### Key Commercial Data

|                        |               |
|------------------------|---------------|
| Packing unit           | 250 pc        |
| Minimum order quantity | 250 pc        |
| GTIN                   |               |
| GTIN                   | 4046356115889 |

### Technical data

#### Dimensions

|                          |         |
|--------------------------|---------|
| Length [ l ]             | 2.8 mm  |
| Width                    | 27.6 mm |
| Pitch                    | 3.5 mm  |
| Dimension a              | 24.5 mm |
| Width [ w ]              | 27.6 mm |
| Height [ h ]             | 12.7 mm |
| Height                   | 9.2 mm  |
| Length of the solder pin | 3.5 mm  |
| Pin dimensions           | ø 1 mm  |
| Pin spacing              | 3.50 mm |
| Length                   | 2.8 mm  |

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## Technical data

### 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                    | 8                              |

### Standards and Regulations

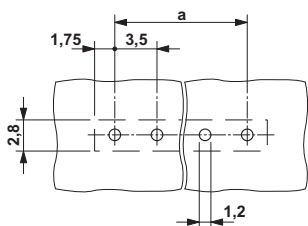
|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CUL    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

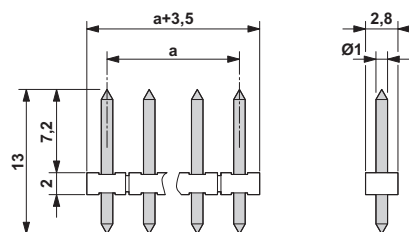
|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Drilling diagram

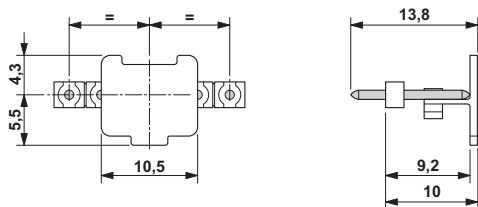


Dimensional drawing

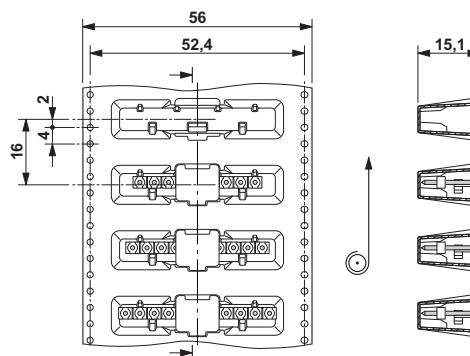


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Dimensional drawing



Dimensional drawing



## Approvals

### Approvals

Approvals

SEV / SEV / EAC / cULus Recognized

Ex Approvals

### Approval details


|                    |  |   |            |
|--------------------|--|---|------------|
| SEV                |  | <a href="https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html">https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html</a> | IK-3558-M2 |
| Nominal voltage UN |  | 160 V   |            |
| Nominal current IN |  | 6 A   |            |

|                            |  |   |            |
|----------------------------|--|---|------------|
| SEV                        |  | <a href="https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html">https://www.electrosuisse.ch/de/meta/shop/produktezertifikate.html</a> | IK-3558-M2 |
| Nominal voltage UN         |  | 160 V   |            |
| Nominal current IN         |  | 4 A   |            |
| mm <sup>2</sup> /AWG/kcmil |  | 0.5   |            |

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## Approvals

|     |   |         |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

|                    |   |   |                 |
|--------------------|---|---|-----------------|
| cULus Recognized   |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-20030211 |
|                    |   | B   |                 |
| Nominal voltage UN |   | 300 V   |                 |
| Nominal current IN |   | 10 A  |                 |

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