

## Feed-through header - MSTBV 2,5/ 8-G-5,08 - 1758076

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PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

### Your advantages

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Items that can be aligned in various pitches support flexible and space-saving PCB assembly



### Key Commercial Data

|                                      |               |
|--------------------------------------|---------------|
| Packing unit                         | 100 pc        |
| GTIN                                 |               |
| GTIN                                 | 4017918030285 |
| Weight per Piece (excluding packing) | 2.850 g       |
| Custom tariff number                 | 85366930      |
| Country of origin                    | Germany       |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 8.57 mm  |
| Width                    | 40.64 mm |
| Pitch                    | 5.08 mm  |
| Dimension a              | 35.56 mm |
| Width [ w ]              | 40.64 mm |
| Height [ h ]             | 15.9 mm  |
| Height                   | 12 mm    |
| Length of the solder pin | 3.9 mm   |

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## Technical data

### Dimensions

|                |          |
|----------------|----------|
| Pin dimensions | 1 x 1 mm |
| Length         | 8.57 mm  |

### General

|  |                |
|--|----------------|
| Range of articles                      | MSTBV 2,5/..-G |
| Insulating material group              | I              |
| 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 $I_N$                  | 12 A           |
| Maximum load current                   | 12 A           |
| Insulating material                    | PA             |
| Flammability rating according to UL 94 | V0             |
| Color                                  | green          |
| Number of positions                    | 8              |

### Standards and Regulations

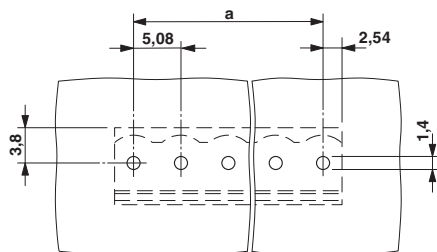
|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CSA    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

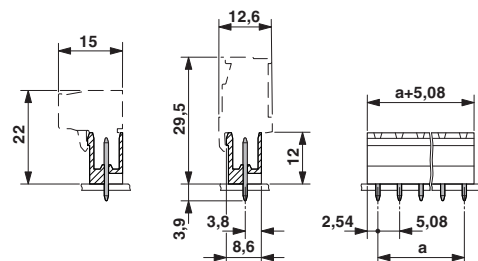
|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Drilling diagram



Dimensional drawing



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## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| 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 |
| ETIM 6.0 | EC002637 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

## Approvals


### Approvals

#### Approvals

CSA / IEC/IEC CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized


#### Ex Approvals


### Approval details

|                    |   |   |       |
|--------------------|---|---|-------|
| CSA                |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
|                    | D   | B   |       |
| Nominal voltage UN | 300 V   | 300 V   |       |
| Nominal current IN | 10 A  | 12 A  |       |


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### Approvals

|                    |   |   |                |
|--------------------|---|---|----------------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58978-B1B2 |
| Nominal voltage UN | 250 V   |   |                |
| Nominal current IN | 12 A  |   |                |

|   |   |   |          |
|---|---|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40004701 |
| Nominal voltage UN                      | 250 V   |   |          |
| Nominal current IN                      | 12 A  |   |          |

|     |  |         |
|-----|--|---------|
| 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> | E60425-19931011 |
|                    | D   | B   |                 |
| Nominal voltage UN | 300 V   | 300 V   |                 |
| Nominal current IN | 10 A  | 12 A  |                 |