

## Base strip - MSTBV 2,5/ 5-GF - 1776919

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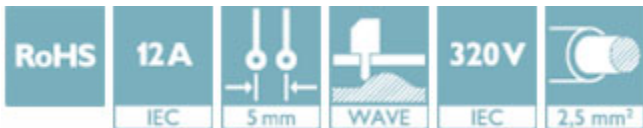
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

### Why buy this product

- ✓ 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



### Key Commercial Data

|                                      |               |
|--------------------------------------|---------------|
| Packing unit                         | 1 STK         |
| GTIN                                 |               |
| GTIN                                 | 4017918039080 |
| Weight per Piece (excluding packing) | 3.800 g       |
| Custom tariff number                 | 85366930      |
| Country of origin                    | Germany       |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length                   | 8.6 mm   |
| Pitch                    | 5 mm     |
| Dimension a              | 20.00 mm |
| Constructional height    | 12 mm    |
| Length of the solder pin | 3.9 mm   |

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### Technical data

#### Dimensions

|                |          |
|----------------|----------|
| Pin dimensions | 1 x 1 mm |
| Hole diameter  | 1.4 mm   |

#### General

|  |                 |
|--|-----------------|
| Range of articles                      | MSTBV 2,5/..-GF |
| 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 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            |
| Maximum load current                   | 12 A            |
| Insulating material                    | PBT             |
| Flammability rating according to UL 94 | V0              |
| Color                                  | green           |
| Number of positions                    | 5               |

#### Standards and Regulations

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

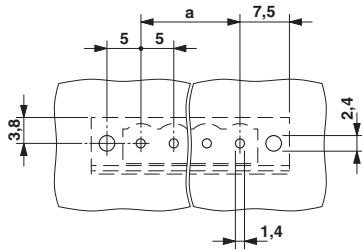
#### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

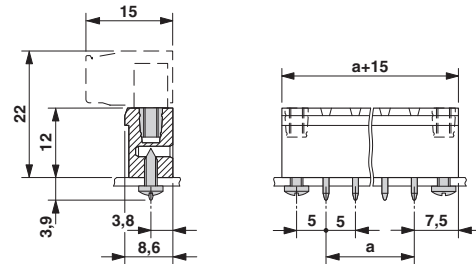
### Drawings

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Drilling diagram



Dimensional drawing



## Approvals

### Approvals

#### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / RS / IEC/CE CB Scheme / cULus Recognized / EAC / DNV GL

#### Ex Approvals

### Approval details


|                                |  |   |       |
|--------------------------------|--|---|-------|
| CSA                            |  | <a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a> | 13631 |
|                                |  | B   | D     |
| Nominal current I <sub>N</sub> |  | 12 A  | 10 A  |
| Nominal voltage U <sub>N</sub> |  | 300 V   | 300 V |


|   |  |   |          |
|---|--|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a> | 40004701 |
| Nominal current I <sub>N</sub>          |  | 12 A  |          |
| Nominal voltage U <sub>N</sub>          |  | 250 V   |          |


|    |  |   |              |
|----|--|---|--------------|
| RS |  | <a href="http://www.rs-head.spb.ru/en/index.php">http://www.rs-head.spb.ru/en/index.php</a> | 10.04059.250 |
|----|--|---|--------------|

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## Approvals

|                    |   |   |                |
|--------------------|---|---|----------------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-56062-B1B2 |
| Nominal current IN |   | 12 A  |                |
| Nominal voltage UN |   | 250 V   |                |

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

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

|        |   |            |
|--------|---|------------|
| DNV GL | <a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a> | TAE00001EY |
|--------|---|------------|