

## Printed-circuit board connector - MSTBV 2,5/10-G-5,08 BK - 1759428

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PCB headers, nominal current: 12 A, number of positions: 10, pitch: 5.08 mm, color: black, 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 | 50 pc                                                                                                   |
| GTIN         | <br>4 017918 218126 |
| GTIN         | 4017918218126                                                                                           |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 8.57 mm  |
| Width                    | 50.8 mm  |
| Pitch                    | 5.08 mm  |
| Dimension a              | 45.72 mm |
| Width [ w ]              | 50.8 mm  |
| Height [ h ]             | 15.9 mm  |
| Height                   | 12 mm    |
| Length of the solder pin | 3.9 mm   |
| Pin dimensions           | 1 x 1 mm |
| Length                   | 8.57 mm  |

#### General

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## Technical data

### General

|                                  |                 |
|----------------------------------|-----------------|
| Range of articles                | MSTBV 2,5/...-G |
| Rated voltage (III/3)            | 250 V           |
| Connection in acc. with standard | EN-VDE          |
| Nominal current I <sub>N</sub>   | 12 A            |
| Color                            | black           |
| Number of positions              | 10              |

### Standards and Regulations

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

### Environmental Product Compliance

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

## Approvals

### Approvals

#### Approvals

CSA / IECCEB 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                                                                                                                                    |       |

|                    |                                                                                     |                                                           |                |
|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| 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                                                                                |                                                           |                |

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### Approvals

|                                            |                                                                                   |                                                                                                                                                                                                                |          |
|--------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>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/<br/>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                                                                                                                                                  |                 |

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