

# Printed-circuit board connector - MSTB 2,5/15-G-5,08 BK AU - 1764510

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PCB headers, nominal current: 12 A, number of positions: 15, pitch: 5.08 mm, color: black, contact surface: Gold, mounting: Wave soldering



The figure shows a 10-position version of the product

## Your advantages

- ✓ Gold-plated contacts ensure transfer quality remains stable over the long term
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use
- ✓ Plug-in direction parallel to 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         |               |
| GTIN         | 4017918224530 |

## Technical data

### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 12 mm    |
| Width                    | 76.2 mm  |
| Pitch                    | 5.08 mm  |
| Dimension a              | 71.12 mm |
| Width [ w ]              | 76.2 mm  |
| Height [ h ]             | 12.1 mm  |
| Height                   | 8.6 mm   |
| Length of the solder pin | 3.5 mm   |
| Pin dimensions           | 1 x 1 mm |

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## Technical data

### Dimensions

|        |       |
|--------|-------|
| Length | 12 mm |
|--------|-------|

### General

|                                  |               |
|----------------------------------|---------------|
| Range of articles                | MSTB 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              | 15            |

### 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 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  | 10 A  |       |


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


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### Approvals

|                    |      |
|--------------------|------|
| Nominal current IN | 12 A |
|--------------------|------|

|  |   |  |          |
|--|---|--|----------|
| 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 | 150 V   | 300 V   |                 |
| Nominal current IN | 15 A  | 15 A  |                 |

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