

# Printed-circuit board connector - MVSTBW 2,5/ 2-ST KMGY LUB - 1700101

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PCB connector, nominal current: 12 A, number of positions: 2, pitch: 5 mm, connection method: Screw connection with tension sleeve, color: light gray, contact surface: Tin

The figure shows a 10-position version of the product

## Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Allows connection of two conductors
- ✓ Low temperature rise, thanks to maximum contact force



## Key Commercial Data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 50 pc                                                                                                   |
| Minimum order quantity | 50 pc                                                                                                   |
| GTIN                   | <br>4 017918 989958 |
| GTIN                   | 4017918989958                                                                                           |

## Technical data

### Dimensions

|              |         |
|--------------|---------|
| Length [ l ] | 12.5 mm |
| Width [ w ]  | 10 mm   |
| Height [ h ] | 26 mm   |
| Pitch        | 5 mm    |
| Dimension a  | 5 mm    |

### General

|                     |                                      |
|---------------------|--------------------------------------|
| Range of articles   | MVSTBW 2,5/...-ST                    |
| Number of positions | 2                                    |
| Connection method   | Screw connection with tension sleeve |

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## Technical data

### General

|                                  |                     |
|----------------------------------|---------------------|
| Rated voltage (III/3)            | 250 V               |
| Connection in acc. with standard | EN-VDE              |
| Nominal current $I_N$            | 12 A                |
| Nominal cross section            | 2.5 mm <sup>2</sup> |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                                   | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.                                                        | 24                   |
| Conductor cross section AWG max.                                                        | 12                   |
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm <sup>2</sup>  |

### Standards and Regulations

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

### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Approvals

### Approvals

## Printed-circuit board connector - MVSTBW 2,5/ 2-ST KMGY LUB - 1700101

### Approvals

Approvals

CSA / EAC

Ex Approvals

### Approval details

|                    |                                                                                   |                                                                                                                                         |                 |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| CSA                |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | LR13631-2585950 |
|                    | D                                                                                 | B                                                                                                                                       |                 |
| Nominal voltage UN | 300 V                                                                             | 300 V                                                                                                                                   |                 |
| Nominal current IN | 10 A                                                                              | 10 A                                                                                                                                    |                 |
| mm²/AWG/kcmil      | 28-12                                                                             | 28-12                                                                                                                                   |                 |

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

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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