

## Printed-circuit board connector - MCV 1,5/ 4-GF-3,81 BK - 1700673

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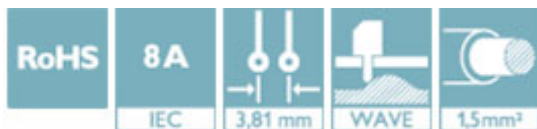
PCB headers, nominal current: 8 A, number of positions: 4, pitch: 3.81 mm, color: black, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

### Your advantages

- ✓ Well-known mounting principle allows worldwide use
- ✓ Screwable flange for superior mechanical stability
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 50 pc                                                                                |
| GTIN         |  |
| GTIN         | 4046356497107                                                                        |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length [ l ]             | 7.25 mm      |
| Width                    | 25.63 mm     |
| Pitch                    | 3.81 mm      |
| Dimension a              | 11.43 mm     |
| Width [ w ]              | 25.63 mm     |
| Height [ h ]             | 12.6 mm      |
| Height                   | 9.2 mm       |
| Length of the solder pin | 3.4 mm       |
| Pin dimensions           | 0.8 x 0.8 mm |
| Length                   | 7.25 mm      |

#### General

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## Technical data

### General

|                                  |                |
|----------------------------------|----------------|
| Range of articles                | MCV 1,5/...-GF |
| Rated voltage (III/3)            | 160 V          |
| Connection in acc. with standard | EN-VDE         |
| Nominal current I <sub>N</sub>   | 8 A            |
| Color                            | black          |
| Number of positions              | 4              |

### 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

#### Approvals

CSA / IECEx 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 U <sub>N</sub> | 300 V                                                                               | 300 V                                                                                                                                   |       |
| Nominal current I <sub>N</sub> | 8 A                                                                                 | 8 A                                                                                                                                     |       |

|                                |                                                                                     |                                                           |                |
|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme                |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-60987-B1B2 |
| Nominal voltage U <sub>N</sub> | 160 V                                                                               |                                                           |                |
| Nominal current I <sub>N</sub> | 8 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> | 40011723 |
| Nominal voltage UN                         |                                                                                   | 160 V                                                                                                                                                                                                          |          |
| Nominal current IN                         |                                                                                   | 8 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> | E60425-20110128 |
| D                  |                                                                                   | B                                                                                                                                                     |                 |
| Nominal voltage UN |                                                                                   | 300 V                                                                                                                                                 |                 |
| Nominal current IN |                                                                                   | 8 A                                                                                                                                                   |                 |

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