

## Printed-circuit board connector - MCV 1,5/ 8-G-3,5-RN - 1731549

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PCB headers, nominal current: 8 A, number of positions: 8, pitch: 3.5 mm, color: green, 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
- ✓ Intuitive locking mechanism prevents accidental disconnection
- ✓ 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                         | 1 pc                                                                                                    |
| Minimum order quantity               | 50 pc                                                                                                   |
| GTIN                                 | <br>4 046356 158985 |
| GTIN                                 | 4046356158985                                                                                           |
| Weight per Piece (excluding packing) | 2.240 g                                                                                                 |
| Custom tariff number                 | 85366930                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|              |         |
|--------------|---------|
| Length [ l ] | 7.25 mm |
| Width        | 32.2 mm |
| Pitch        | 3.5 mm  |
| Dimension a  | 24.5 mm |

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## Technical data

### Dimensions

|                          |              |
|--------------------------|--------------|
| Width [ w ]              | 32.2 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

|                                        |                  |
|----------------------------------------|------------------|
| Range of articles                      | MCV 1,5/...-G-RN |
| Insulating material group              | IIIa             |
| Rated surge voltage (III/3)            | 2.5 kV           |
| Rated surge voltage (III/2)            | 2.5 kV           |
| Rated surge voltage (II/2)             | 2.5 kV           |
| Rated voltage (III/3)                  | 160 V            |
| Rated voltage (III/2)                  | 160 V            |
| Rated voltage (II/2)                   | 250 V            |
| Connection in acc. with standard       | EN-VDE           |
| Nominal current I <sub>N</sub>         | 8 A              |
| Maximum load current                   | 8 A              |
| Insulating material                    | PBT              |
| Flammability rating according to UL 94 | V0               |
| Color                                  | green            |
| Number of positions                    | 8                |

### Standards and Regulations

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

### Environmental Product Compliance

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

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27260700 |
| eCl@ss 4.1 | 27260700 |
| eCl@ss 5.0 | 27260700 |

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#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |
| ETIM 7.0 | EC002637 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

### Approvals

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IECEE CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

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

### Accessories

#### Accessories

#### Coding element

Coding profile - CP-MSTB - 1734634



Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

#### Labeled terminal marker

Marker card - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker card, Card, white, labeled, Horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 99, mounting type: adhesive, for terminal block width: 3.5 mm, lettering field size: 3.5 x 2.8 mm

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### Accessories

#### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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#### Terminal marking

Marker card - SK U/2,8 WH:UNBEDRUCKT - 0803883



Marker card, Sheet, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, Office printing systems, mounting type: adhesive, for terminal block width: 210 mm, lettering field size: 186 x 2.8 mm