

## Base strip - MCV 1,5/ 3-G-5,08 - 1836309

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Header, nominal current: 8 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, Color: green, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

### Why buy this product

- ✓ Well-known mounting principle allows worldwide use
- ✓ 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 STK                                                                                                   |
| Minimum order quantity               | 50 STK                                                                                                  |
| GTIN                                 | <br>4 017918 111168 |
| GTIN                                 | 4017918111168                                                                                           |
| Weight per Piece (excluding packing) | 1.340 g                                                                                                 |
| Custom tariff number                 | 85366930                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 7.25 mm  |
| Pitch        | 5.08 mm  |
| Dimension a  | 10.16 mm |
| Width [ w ]  | 15.24 mm |

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### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Constructional height    | 10 mm        |
| Height [ h ]             | 12.6 mm      |
| Length of the solder pin | 3.4 mm       |
| Pin dimensions           | 0,8 x 0,8 mm |
| Hole diameter            | 1.2 mm       |

#### General

|                                        |               |
|----------------------------------------|---------------|
| Range of articles                      | MCV 1,5/...-G |
| Insulating material group              | IIIa          |
| Rated surge voltage (III/3)            | 4 kV          |
| Rated surge voltage (III/2)            | 4 kV          |
| Rated surge voltage (II/2)             | 4 kV          |
| Rated voltage (III/3)                  | 250 V         |
| Rated voltage (III/2)                  | 320 V         |
| Rated voltage (II/2)                   | 400 V         |
| Connection in acc. with standard       | EN-VDE        |
| Nominal current $I_N$                  | 8 A           |
| Maximum load current                   | 8 A           |
| Insulating material                    | PBT           |
| Flammability rating according to UL 94 | V0            |
| Color                                  | green         |
| Number of positions                    | 3             |

#### Standards and Regulations

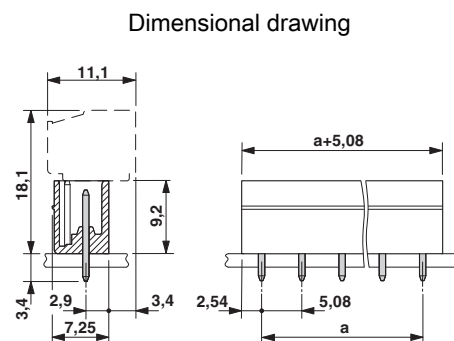
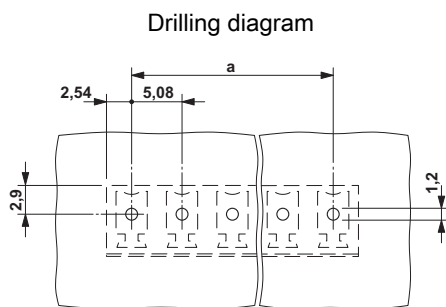
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CSA    |
| Flammability rating according to UL 94 | V0     |

#### Environmental Product Compliance

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

### Drawings

## Base strip - MCV 1,5/ 3-G-5,08 - 1836309



### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| 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 |

#### 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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CSA / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / CCA / cULus Recognized / EAC

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### Approvals

Ex Approvals

#### Approval details

|                                |                                                                                   |                                                                                                                                                                                           |       |
|--------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                            |  | <a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a> | 13631 |
|                                | B                                                                                 | D                                                                                                                                                                                         |       |
| Nominal current I <sub>N</sub> | 8 A                                                                               | 8 A                                                                                                                                                                                       |       |
| Nominal voltage U <sub>N</sub> | 300 V                                                                             | 300 V                                                                                                                                                                                     |       |

|                                            |                                                                                   |                                                                                                                                                                                                         |          |
|--------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>Fertigungsüberwachung |  | <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a> | 40011723 |
|                                            |                                                                                   |                                                                                                                                                                                                         |          |
| Nominal current I <sub>N</sub>             | 8 A                                                                               |                                                                                                                                                                                                         |          |
| Nominal voltage U <sub>N</sub>             | 250 V                                                                             |                                                                                                                                                                                                         |          |

|                                |                                                                                     |                                                           |                |
|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme                |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58415-B1B2 |
|                                |                                                                                     |                                                           |                |
| Nominal current I <sub>N</sub> | 8 A                                                                                 |                                                           |                |
| Nominal voltage U <sub>N</sub> | 250 V                                                                               |                                                           |                |

|                                |       |  |                |
|--------------------------------|-------|--|----------------|
| CCA                            |       |  | CCA/ DE1 34219 |
|                                |       |  |                |
| Nominal current I <sub>N</sub> | 8 A   |  |                |
| Nominal voltage U <sub>N</sub> | 250 V |  |                |

|                                |                                                                                     |                                                                                                                                                       |                 |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 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 current I <sub>N</sub> | 8 A                                                                                 | 8 A                                                                                                                                                   |                 |
| Nominal voltage U <sub>N</sub> | 300 V                                                                               | 300 V                                                                                                                                                 |                 |

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### Approvals

EAC



B.01742

### 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 5,08/2,8:FORTL.ZAHLEN - 0804280



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 2.8 mm

### Additional products

Printed-circuit board connector - MC 1,5/ 3-ST-5,08 - 1836082



Plug component, nominal current: 8 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

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### Accessories

Printed-circuit board connector - MC 1,5/ 3-ST1-5,08 - 1900785

Plug component, nominal current: 8 A, rated voltage (III/2): 320 V, number of positions: 3, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

