

## Base strip - MCV 1,5/ 2-G-3,5 - 1843606

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

### Product Features

- 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 pc                                                                                                    |
| Minimum order quantity               | 250 pc                                                                                                  |
| GTIN                                 | <br>4 017918 112752 |
| Weight per Piece (excluding packing) | 0.64 g                                                                                                  |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|                       |         |
|-----------------------|---------|
| Length                | 7.25 mm |
| Pitch                 | 3.50 mm |
| Dimension a           | 3.5 mm  |
| Width                 | 8.4 mm  |
| Constructional height | 9.2 mm  |

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### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Height                   | 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)            | 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 $I_N$                  | 8 A           |
| Maximum load current                   | 8 A           |
| Insulating material                    | PBT           |
| Flammability rating according to UL 94 | V0            |
| Color                                  | green         |
| Number of positions                    | 2             |

#### Standards and Regulations

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

### 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 |

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### Classifications

#### ETIM

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

#### UNSPSC

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

### Approvals

#### Approvals

#### Approvals

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

#### Ex Approvals

#### Approvals submitted

#### Approval details

|                                                                                         |       |       |
|-----------------------------------------------------------------------------------------|-------|-------|
| CSA  |       |       |
|                                                                                         | 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 Fertigungsüberwachung  |     |
| Nominal current I <sub>N</sub>                                                                                              | 8 A |

## Base strip - MCV 1,5/ 2-G-3,5 - 1843606

### Approvals

|                    |       |
|--------------------|-------|
| Nominal voltage UN | 160 V |
|--------------------|-------|

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| IECEE CB Scheme  |       |
| Nominal current IN                                                                                | 8 A   |
| Nominal voltage UN                                                                                | 160 V |

|                    |       |
|--------------------|-------|
| CCA                |       |
| Nominal current IN | 8 A   |
| Nominal voltage UN | 160 V |

|     |
|-----|
| EAC |
|-----|

|                    |       |       |
|--------------------|-------|-------|
| cULus Recognized   |       |       |
|                    | B     | D     |
| Nominal current IN | 8 A   | 8 A   |
| Nominal voltage UN | 300 V | 300 V |

|     |
|-----|
| EAC |
|-----|

### 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

## Base strip - MCV 1,5/ 2-G-3,5 - 1843606

### Accessories

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: 3.5 x 2.8 mm

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### 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: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 2.8 mm

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### Additional products

Printed-circuit board connector - TFMC 1,5/ 2-ST-3,5 - 1772618



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

## Base strip - MCV 1,5/ 2-G-3,5 - 1843606

### Accessories

Printed-circuit board connector - MC 1,5/ 2-ST-3,5 - 1840366



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MCVW 1,5/ 2-ST-3,5 - 1862852



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MCVR 1,5/ 2-ST-3,5 - 1863152



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/ 2-ST-3,5 - 1939918



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FMC 1,5/ 2-ST-3,5 - 1952267

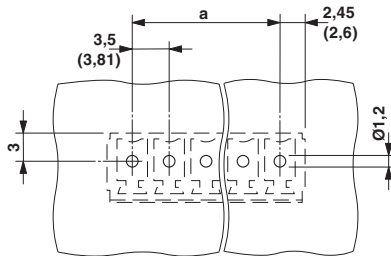


Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

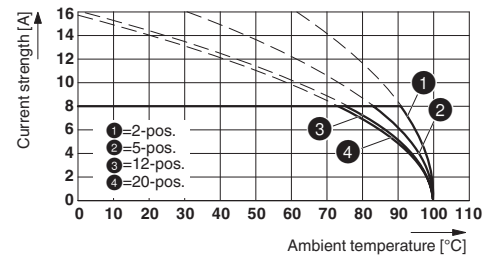
### Drawings

## Base strip - MCV 1,5/ 2-G-3,5 - 1843606

Drilling diagram

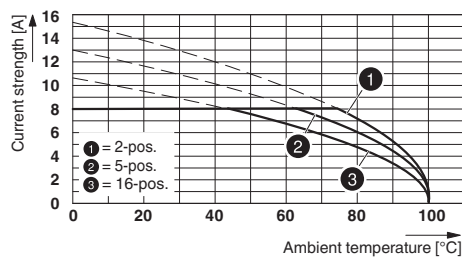


Diagram



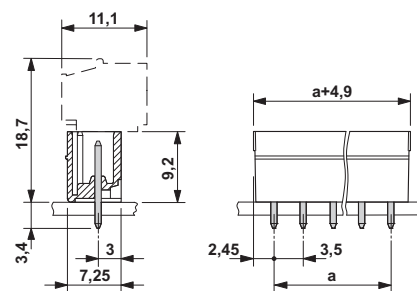
Type: MC 1,5/...-ST-3,5 with MCV 1,5/...-G-3,5

Diagram



Type: MCVW 1,5/...-ST-3,5 with MCV 1,5/...-G-3,5

Dimensional drawing



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