

## Base strip - MSTBVA 2,5 HC/ 2-G-5,08 - 1924305

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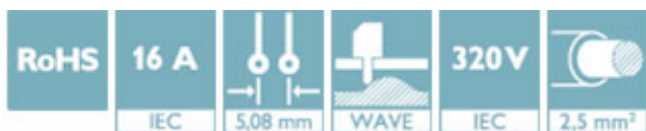
Header, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5.08 mm, Color: green, contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

### Why buy this product

- Well-known mounting principle allows worldwide use



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 50 STK  |
| Minimum order quantity               | 50 STK  |
| GTIN                                 | <br>4 017918 600389 |
| GTIN                                 | 4017918600389   |
| Weight per Piece (excluding packing) | 0.830 g   |
| Custom tariff number                 | 85366930  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 8.6 mm   |
| Pitch                    | 5.08 mm  |
| Dimension a              | 10.16 mm |
| Width [ w ]              | 12.16 mm |
| Constructional height    | 12 mm    |
| Height [ h ]             | 15.9 mm  |
| Length of the solder pin | 3.9 mm   |
| Pin dimensions           | 1 x 1 mm |
| Pin spacing              | 5.00 mm  |
| Hole diameter            | 1.4 mm   |

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## Technical data

### General

|  |                           |
|--|---------------------------|
| Range of articles                      | MSTBVA 2,5 HC/...-G       |
| Insulating material group              | I                         |
| 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 <sub>N</sub>         | 16 A (see derating curve) |
| Maximum load current                   | 16 A                      |
| Insulating material                    | PA                        |
| Flammability rating according to UL 94 | V0                        |
| Color                                  | green                     |
| Number of positions                    | 2                         |

### General information

|      |  |
|------|--|
| Note | In accordance with IEC 61984, COMBICON connectors have no switching power (COC). During designated use, they must not be plugged in or disconnected when carrying voltage or under load. |
|------|--|

### 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 | 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 |
| 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


### Approvals


#### Approvals

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

#### Ex Approvals

### Approval details

|   |   |   |          |
|---|---|---|----------|
| VDE Gutachten mit 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> | 40004701 |
| Nominal current IN                      | 16 A  |   |          |
| Nominal voltage UN                      | 250 V   |   |          |

|                    |   |   |                |
|--------------------|---|---|----------------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58978-B1B2 |
| Nominal current IN | 16 A  |   |                |
| Nominal voltage UN | 250 V   |   |                |

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## Approvals

|                                |       |   |                 |
|--------------------------------|-------|---|-----------------|
| 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> | E60425-19931011 |
|                                | B     | D   |                 |
| Nominal current I <sub>N</sub> | 16 A  | 10 A  |                 |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V   |                 |

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

## Accessories

### Accessories

#### Coding element

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

#### Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

#### Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



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 3.8 mm

## Additional products

## Base strip - MSTBVA 2,5 HC/ 2-G-5,08 - 1924305

### Accessories

Printed-circuit board connector - MSTB 2,5 HC/ 2-ST-5,08 - 1911965

Plug component, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5 HC/ 2-ST-5,08 - 1912401

Plug component, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - MVSTBW 2,5 HC/ 2-ST-5,08 - 1912841

Plug component, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - FKC 2,5 HC/ 2-ST-5,08 - 1942374

Plug component, nominal current: 16 A, rated voltage (III/2): 320 V, number of positions: 2, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin



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