

## Base strip - MSTBV 2,5 HC/ 4-GF-5,08 - 1924541

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Header, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering



The figure shows a 10-position version of the product

### Why buy this product

- ✓ 16 A (HC) headers in horizontal and vertical (MSTBV) versions
- ✓ Lateral HC marking („High Current“)
- ✓ Vibration-resistant connection by means of threaded flange (-GF)
- ✓ Lateral mismatching prevented by side panels
- ✓ Coding sections (CR) as protection against mismatching



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 pc                                                                                                   |
| Minimum order quantity               | 50 pc                                                                                                   |
| GTIN                                 | <br>4 017918 607722 |
| Weight per Piece (excluding packing) | 2.65 g                                                                                                  |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|                |          |
|----------------|----------|
| Length         | 8.6 mm   |
| Pitch          | 5.08 mm  |
| Dimension a    | 15.24 mm |
| Pin dimensions | 1 x 1 mm |
| Pin spacing    | 5.00 mm  |
| Hole diameter  | 1.4 mm   |

#### General

|                   |                     |
|-------------------|---------------------|
| Range of articles | MSTBV 2,5 HC/...-GF |
|-------------------|---------------------|

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### Technical data

#### General

|                                         |                           |
|-----------------------------------------|---------------------------|
| 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 $I_N$                   | 16 A (see derating curve) |
| Maximum load current                    | 16 A                      |
| Insulating material                     | PA                        |
| Inflammability class according to UL 94 | V0                        |
| Color                                   | green                     |
| Number of positions                     | 4                         |

### 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 |

#### 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

## Base strip - MSTBV 2,5 HC/ 4-GF-5,08 - 1924541

### Approvals

#### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IEC EE CB Scheme / CCA / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

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

|                                                                                                                             |       |
|-----------------------------------------------------------------------------------------------------------------------------|-------|
| VDE Gutachten mit Fertigungsüberwachung  |       |
|                                                                                                                             |       |
| Nominal current I <sub>N</sub>                                                                                              | 16 A  |
| Nominal voltage U <sub>N</sub>                                                                                              | 250 V |

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

|                                                                                                     |       |
|-----------------------------------------------------------------------------------------------------|-------|
| IECEE CB Scheme  |       |
|                                                                                                     |       |
| Nominal current I <sub>N</sub>                                                                      | 16 A  |
| Nominal voltage U <sub>N</sub>                                                                      | 250 V |

|                                |      |
|--------------------------------|------|
| CCA                            |      |
|                                |      |
| Nominal current I <sub>N</sub> | 16 A |

## Base strip - MSTBV 2,5 HC/ 4-GF-5,08 - 1924541

### Approvals

|                    |       |
|--------------------|-------|
| Nominal voltage UN | 250 V |
|--------------------|-------|

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

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|----------------------------------------------------------------------------------------------------|

### 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 - MSTBV 2,5 HC/ 4-GF-5,08 - 1924541

### Accessories

Printed-circuit board connector - MSTB 2,5 HC/ 4-STF-5,08 - 1912207



Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5 HC/ 4-STF-5,08 - 1912647



Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

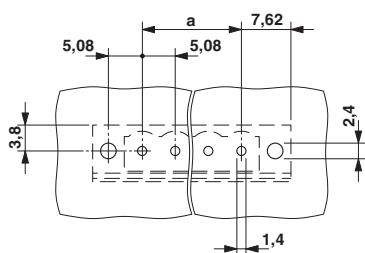
Printed-circuit board connector - MVSTBW 2,5 HC/ 4-STF-5,08 - 1913086



Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

### Drawings

Drilling diagram



Dimensioned drawing

