

## Base strip - MSTBV 2,5/13-GEH-5,08 - 1808573

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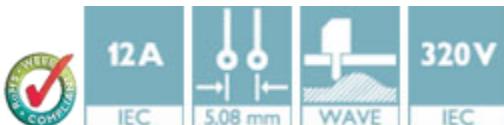
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

### Product Features

- Other pin lengths available on request
- Versions with and without side panel
- Plug-in direction parallel and vertical to the PCB
- Standard pin strip for 320 V (III/2)



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 017918 047085 |
| Weight per Piece (excluding packing) | 6.87 g  |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length                   | 8.6 mm   |
| Pitch                    | 5.08 mm  |
| Dimension a              | 60.96 mm |
| Constructional height    | 12 mm    |
| Length of the solder pin | 3.9 mm   |

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### Technical data

#### Dimensions

|                |          |
|----------------|----------|
| Pin dimensions | 1 x 1 mm |
| Hole diameter  | 1.4 mm   |

#### General

|  |                  |
|--|------------------|
| Range of articles                      | MSTBV 2,5/..-GEH |
| 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 $I_N$                  | 12 A             |
| Maximum load current                   | 12 A             |
| Insulating material                    | PBT              |
| Flammability rating according to UL 94 | V0               |
| Color                                  | green            |
| Number of positions                    | 13               |

#### 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

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

|   |       |       |
|---|-------|-------|
| CSA  | B     | D     |
| Nominal current IN  | 12 A  | 10 A  |
| Nominal voltage UN  | 300 V | 300 V |

|   |      |
|---|------|
| VDE Gutachten mit Fertigungsüberwachung  |      |
| Nominal current IN  | 12 A |

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### Approvals

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

|   |       |
|---|-------|
| IECEE CB Scheme  |       |
| Nominal current IN  | 12 A  |
| Nominal voltage UN  | 250 V |

|                    |       |       |
|--------------------|-------|-------|
| cULus Recognized   |       |       |
|                    | B     | D     |
| Nominal current IN | 12 A  | 10 A  |
| Nominal voltage UN | 300 V | 300 V |

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

### 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

### 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 2,5/13-GEH-5,08 - 1808573

### Accessories

Printed-circuit board connector - FKCN 2,5/13-ST-5,08 - 1754678



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/13-ST-5,08 - 1757129



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/13-STZ-5,08 - 1764277



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/13-ST-5,08 - 1769120



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/13-ST-5,08 - 1777390



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin

## Base strip - MSTBV 2,5/13-GEH-5,08 - 1808573

### Accessories

Printed-circuit board connector - MSTBT 2,5/13-ST-5,08 - 1781098



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm,  
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5/13-ST-5,08 - 1792359



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm,  
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/13-ST-5,08 - 1792867



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm,  
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBC 2,5/13-ST-5,08 - 1808926



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm,  
Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and  
conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645);  
12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

Printed-circuit board connector - MSTBC 2,5/13-STZ-5,08 - 1809611



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm,  
Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and  
conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645);  
12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

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### Accessories

Printed-circuit board connector - MSTBU 2,5/13-STD-5,08 - 1824230



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm,  
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: Direct mounting

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Printed-circuit board connector - MSTBU 2,5/13-ST-5,08-FL - 1824463



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm,  
Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

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Printed-circuit board connector - SMSTB 2,5/13-ST-5,08 - 1826393



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm,  
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTBVK 2,5/13-ST-5,08 - 1831427



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm,  
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: DIN rail

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Printed-circuit board connector - UMSTBVK 2,5/13-ST-5,08 - 1833920



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm,  
Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin, Mounting: DIN rail

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### Accessories

Printed-circuit board connector - FKC 2,5/13-ST-5,08 - 1873168



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCVW 2,5/13-ST-5,08 - 1873760



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCVR 2,5/13-ST-5,08 - 1874060



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - QC 1/13-ST-5,08 - 1883815



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCT 2,5/13-ST-5,08 - 1902220



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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### Accessories

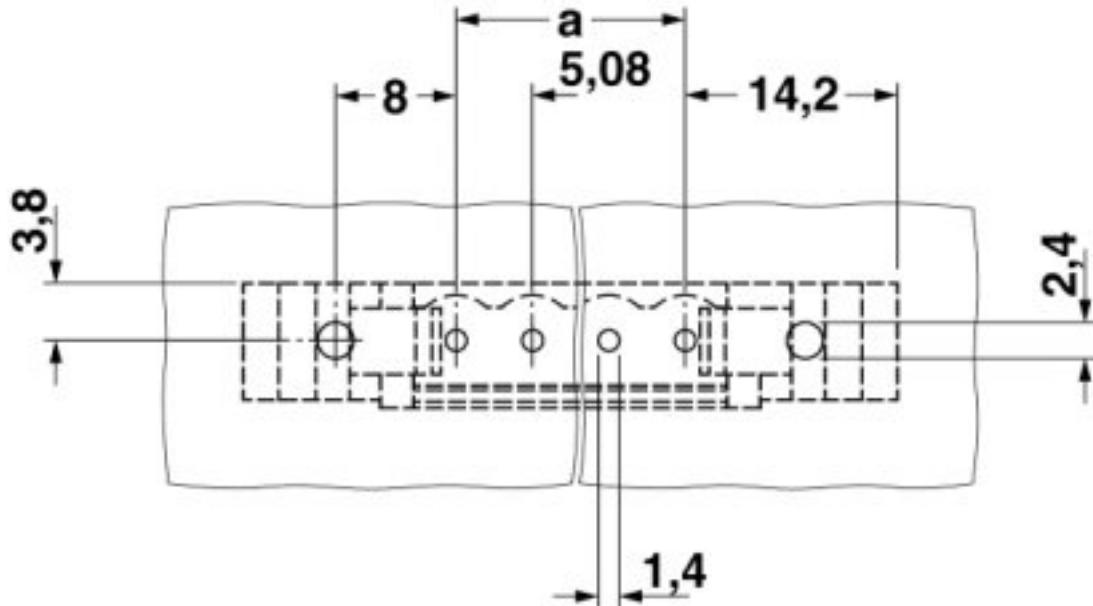
Printed-circuit board connector - FKCS 2,5/13-ST-5,08 - 1975189



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

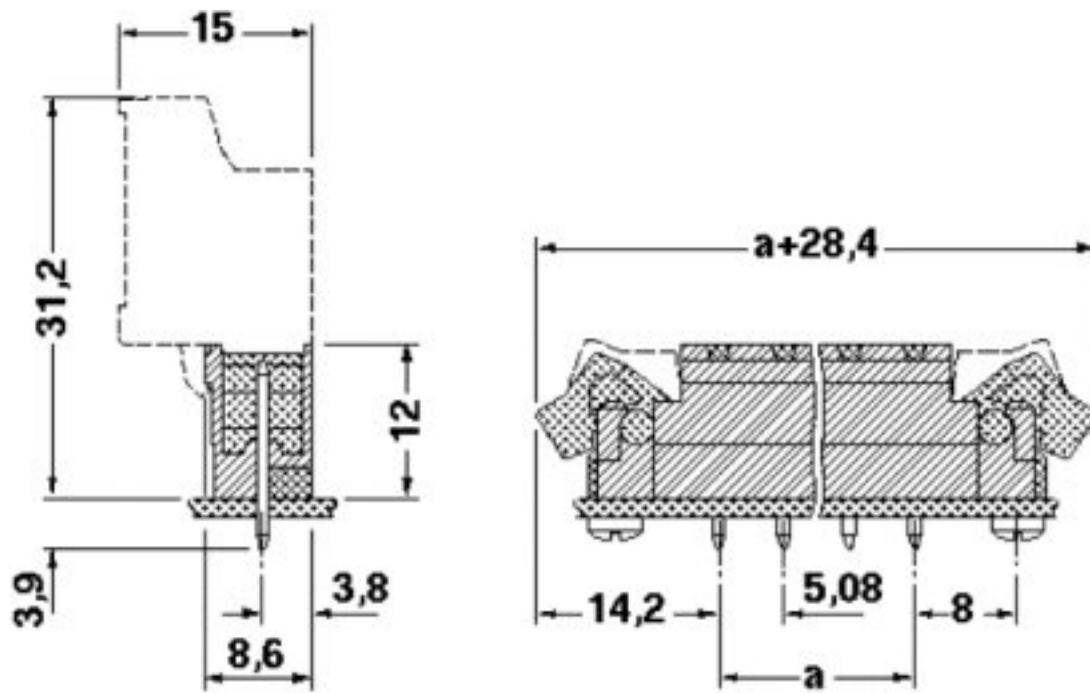
### Drawings

Drilling diagram



## Base strip - MSTBV 2,5/13-GEH-5,08 - 1808573

Dimensional drawing



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