

## Base strip - MSTB 2,5/18-G-5,08 - 1759172

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 017918 030643 |
| Weight per Piece (excluding packing) | 7.75 g  |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length                   | 12 mm    |
| Pitch                    | 5.08 mm  |
| Dimension a              | 86.36 mm |
| Width                    | 91.44 mm |
| Constructional height    | 8.6 mm   |
| Height                   | 12.1 mm  |
| Length of the solder pin | 3.5 mm   |
| Pin dimensions           | 1 x 1 mm |
| Hole diameter            | 1.4 mm   |

#### General

## Base strip - MSTB 2,5/18-G-5,08 - 1759172

### Technical data

#### General

|  |               |
|--|---------------|
| Range of articles                      | MSTB 2,5/..-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 $I_N$                  | 12 A          |
| Maximum load current                   | 12 A          |
| Insulating material                    | PBT           |
| Flammability rating according to UL 94 | V0            |
| Color                                  | green         |
| Number of positions                    | 18            |

#### 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 |

#### ETIM

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

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### Classifications

#### 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 / IEC6 CB Scheme / EAC / 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  | 15 A  | 10 A  |
| Nominal voltage UN  | 300 V | 300 V |

|   |       |
|---|-------|
| VDE Gutachten mit Fertigungsüberwachung  |       |
|   |       |
| Nominal current IN  | 12 A  |
| Nominal voltage UN  | 250 V |

## Base strip - MSTB 2,5/18-G-5,08 - 1759172

### Approvals

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

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

| cULus Recognized   |       |       |
|--------------------|-------|-------|
|                    | B     | D     |
| Nominal current IN | 15 A  | 15 A  |
| Nominal voltage UN | 300 V | 150 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

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#### Filler plug

Accessories - MSTB-BL - 1755477



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

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#### Flange

## Base strip - MSTB 2,5/18-G-5,08 - 1759172

### Accessories

Accessories - MSTB-BF - 1759981



Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.

### 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

### 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

### Terminal marking

Marker card - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

### Additional products

## Base strip - MSTB 2,5/18-G-5,08 - 1759172

### Accessories

Printed-circuit board connector - FKCN 2,5/18-ST-5,08 - 1754720



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/18-ST-5,08 - 1757174



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/18-ST-5,08 - 1769175



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/18-ST-5,08 - 1777442



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5/18-ST-5,08 - 1792401



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

## Base strip - MSTB 2,5/18-G-5,08 - 1759172

### Accessories

Printed-circuit board connector - MVSTBW 2,5/18-ST-5,08 - 1792919



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTBC 2,5/18-ST-5,08 - 1808971



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, 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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Printed-circuit board connector - MSTBC 2,5/18-STZ-5,08 - 1809666



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, 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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Printed-circuit board connector - MSTBU 2,5/18-STD-5,08 - 1824285



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, 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 2,5/18-ST-5,08-FL - 1824515



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

## Base strip - MSTB 2,5/18-G-5,08 - 1759172

### Accessories

Printed-circuit board connector - SMSTB 2,5/18-ST-5,08 - 1850576



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FKC 2,5/18-ST-5,08 - 1875917



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCT 2,5/18-ST-5,08 - 1902275



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 1/18-ST-5,08 - 1915987



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCS 2,5/18-ST-5,08 - 1975231

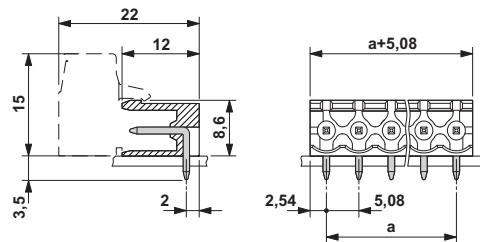


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

### Drawings

## Base strip - MSTB 2,5/18-G-5,08 - 1759172

Dimensional drawing



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