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# Base strip - EMSTBVA 2,5/ 2-G - 1914852

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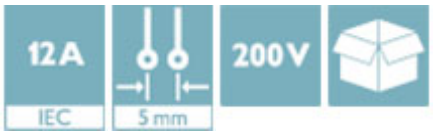
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology

The figure shows a 10-position version of the product

## Why buy this product

- Long-term stable press-in connection ensures high holding force without thermal load
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- Vertical connection enables multi-row arrangement on the PCB
- Closed contour for optimum stability of the plug-in connection




## Key Commercial Data

| | |
|---|---|
| Packing unit | 50 STK |
| GTIN | 4 017918 181543 |

## Technical data

### Dimensions

| | |
|---|---|
| Length | 8.6 mm |
| Pitch | 5.00 mm |
| Dimension a | 5 mm |
| Width | 12 mm |
| Constructional height | 12 mm |
| Height | 15.9 mm |
| Length of the solder pin | 3.9 mm |
| Pin dimensions | 1,7 mm |
| Hole diameter | 1.75 mm |

### General

| | |
|---|---|
| Range of articles | EMSTBVA 2,5/..-G |

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## Technical data

### General

| | |
|---|---|
| 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) | 200 V |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 320 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 | 2 |

### Standards and Regulations

| | |
|---|---|
| Connection in acc. with standard | EN-VDE |
| | CUL |
| 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 |

### UNSPSC

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

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## Classifications

### UNSPSC

| | |
|---|---|
| UNSPSC 13.2 | 39121409 |

## Approvals

### Approvals

Approvals

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

Ex Approvals

Approvals submitted

### Approval details

VDE Gutachten mit Fertigungsüberwachung

| | |
|---|---|
| Nominal current IN | 12 A |
| Nominal voltage UN | 250 V |

IECEE CB Scheme

| | |
|---|---|
| Nominal current IN | 12 A |
| Nominal voltage UN | 250 V |

CCA

EAC

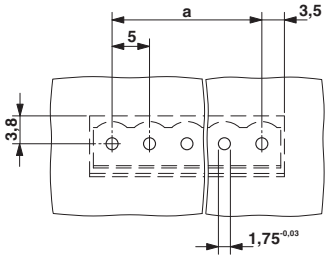
cULus Recognized

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

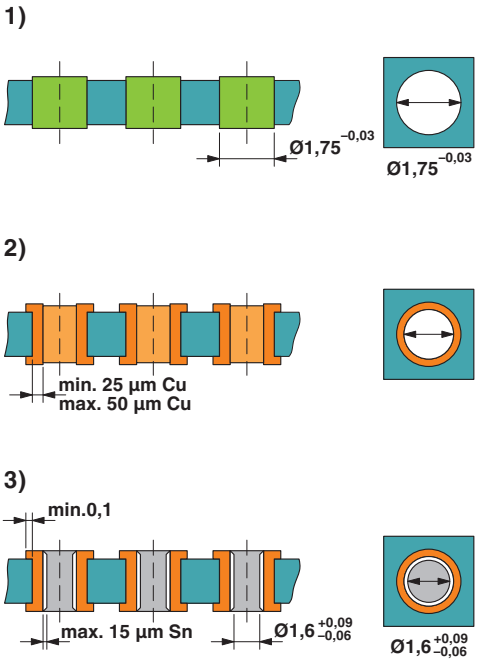
## Drawings

# Base strip - EMSTBVA 2,5/ 2-G - 1914852

Drilling diagram

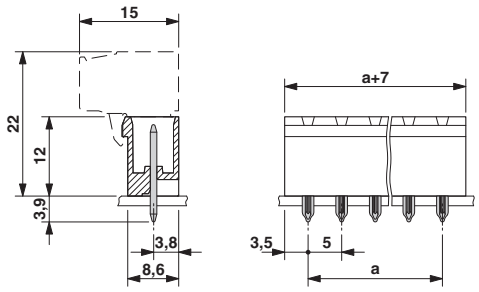



Drilling diagram




Drill hole layout in FR4 or EP-GC basic material

Dimensional drawing

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| Product | Code | Reference | Product link |
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