

## Base strip - SMSTBA 2,5/16-G-5,08 - 1767517

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

### Product Features

- Plug-in direction 45° to the PCB
- Used where space is restricted overhead
- Versions with side panel



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| GTIN                                 | <br>4 017918 033323 |
| Weight per Piece (excluding packing) | 9.2 g   |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length                   | 16.5 mm  |
| Pitch                    | 5.08 mm  |
| Dimension a              | 76.2 mm  |
| Constructional height    | 15 mm    |
| Length of the solder pin | 3.5 mm   |
| Pin dimensions           | 1 x 1 mm |
| Hole diameter            | 1.4 mm   |

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### Technical data

#### General

|  |                  |
|--|------------------|
| Range of articles                      | SMSTBA 2,5/...-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)                   | 630 V            |
| Connection in acc. with standard       | EN-VDE           |
| Nominal current $I_N$                  | 12 A             |
| Maximum load current                   | 12 A             |
| Insulating material                    | PA               |
| Flammability rating according to UL 94 | V0               |
| Color                                  | green            |
| Number of positions                    | 16               |

#### 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

#### Approvals


CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / EAC

#### Ex Approvals

#### Approvals submitted

## Approval details

|   |                                |       |       |
|---|--------------------------------|-------|-------|
| CSA  |                                |       |       |
|   | B                              | D     |       |
|   | Nominal current I <sub>N</sub> | 15 A  | 10 A  |
|   | Nominal voltage U <sub>N</sub> | 300 V | 300 V |

|   |                                |       |       |
|---|--------------------------------|-------|-------|
| UL Recognized  |                                |       |       |
|   | B                              | D     |       |
|   | Nominal current I <sub>N</sub> | 15 A  | 10 A  |
|   | Nominal voltage U <sub>N</sub> | 300 V | 300 V |

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## Approvals

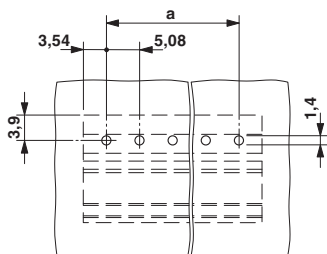
|   |       |
|---|-------|
| VDE Gutachten mit Fertigungsüberwachung |       |
| Nominal current I <sub>N</sub>          | 12 A  |
| Nominal voltage U <sub>N</sub>          | 250 V |

|                                |       |
|--------------------------------|-------|
| IECEE CB Scheme                |       |
| Nominal current I <sub>N</sub> | 12 A  |
| Nominal voltage U <sub>N</sub> | 250 V |

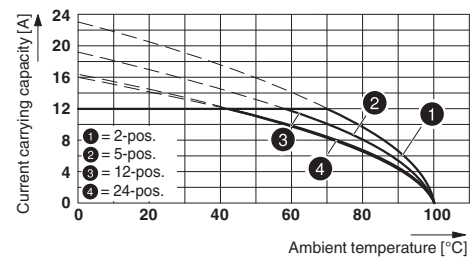
|     |
|-----|
| EAC |
|-----|

## Drawings

Drilling diagram



Diagram



Type: SMSTB 2,5/...-ST(-5,08) with SMSTBA 2,5/...-G(-5,08)

Dimensional drawing

