

## Base strip - SMSTBA 2,5/ 3-G - 1769816

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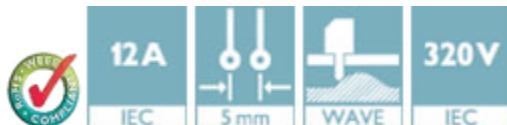
Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



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  |
| Minimum order quantity               | 100 pc  |
| GTIN                                 | <br>4 017918 035037 |
| Weight per Piece (excluding packing) | 2.66 g  |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                          |         |
|--------------------------|---------|
| Length                   | 16.5 mm |
| Pitch                    | 5.00 mm |
| Dimension a              | 10 mm   |
| Constructional height    | 15 mm   |
| Length of the solder pin | 3.5 mm  |

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### Technical data

#### Dimensions

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

#### 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)                   | 400 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                    | 3               |

#### 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 / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC66 CB Scheme / EAC / 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 |

|   |      |      |
|---|------|------|
| UL Recognized  | B    | D    |
| Nominal current IN  | 15 A | 10 A |

## Base strip - SMSTBA 2,5/ 3-G - 1769816

### Approvals

|                    | B     | D     |
|--------------------|-------|-------|
| Nominal voltage UN | 300 V | 300 V |

|   |       |
|---|-------|
| 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 |

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

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### Accessories

Accessories - MSTB-BL - 1755477



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

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### Labeled terminal marker

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



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 mm, Lettering field: 5 x 3.8 mm

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### Additional products

Printed-circuit board connector - TVFKC 1,5/ 3-ST - 1713842



Plug component, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - TVFKCL 1,5/ 3-ST - 1715934



Plug component, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Plug - QC 1,5/ 3-ST - 1717974



Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 5 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

## Base strip - SMSTBA 2,5/ 3-G - 1769816

### Accessories

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Printed-circuit board connector - FKCN 2,5/ 3-ST - 1732755



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 3-ST - 1754465



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/ 3-ST - 1765784



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - SMSTB 2,5/ 3-ST - 1768778



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/ 3-ST - 1779424



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin

## Base strip - SMSTBA 2,5/ 3-G - 1769816

### Accessories

Printed-circuit board connector - MSTBT 2,5/ 3-ST - 1779848



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Printed-circuit board connector - MVSTBR 2,5/ 3-ST - 1792029



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Printed-circuit board connector - MVSTBW 2,5/ 3-ST - 1792537



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCT 2,5/ 3-ST - 1909223



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCVR 2,5/ 3-ST - 1909728



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

## Base strip - SMSTBA 2,5/ 3-G - 1769816

### Accessories

Printed-circuit board connector - FKCVW 2,5/ 3-ST - 1910047



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKC 2,5/ 3-ST - 1910364



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - QC 1/ 3-ST-BUS - 1921683



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 5 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module, without interruption

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Printed-circuit board connector - FKCS 2,5/ 3-ST - 1974740



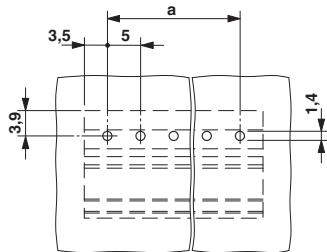
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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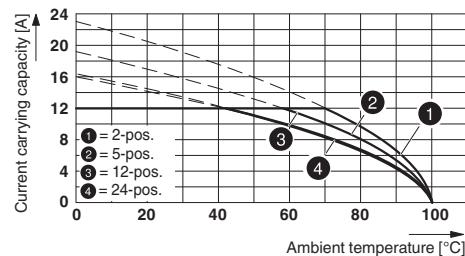
### Drawings

## Base strip - SMSTBA 2,5/ 3-G - 1769816

Drilling diagram

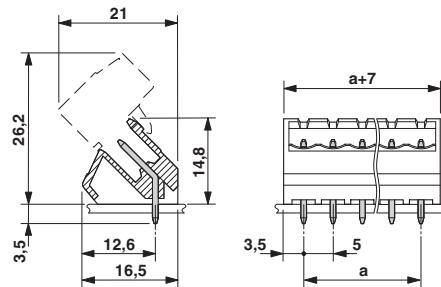


Diagram



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

Dimensional drawing



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