

## Base strip - SMSTBA 2,5/12-G - 1769900

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



The figure shows a 10-position version of the product

### Why buy this product

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



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 50 pc                                                                                                   |
| GTIN                                 | <br>4 017918 035129 |
| Weight per Piece (excluding packing) | 6.74 g                                                                                                  |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |
| Note                                 | Made to Order (non-returnable)                                                                          |

### Technical data

#### Dimensions

|                |          |
|----------------|----------|
| Length         | 16.5 mm  |
| Pitch          | 5 mm     |
| Dimension a    | 55 mm    |
| 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            |

## Base strip - SMSTBA 2,5/12-G - 1769900

### Technical data

#### General

|                                         |        |
|-----------------------------------------|--------|
| 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     |
| Inflammability class according to UL 94 | V0     |
| Color                                   | green  |
| Number of positions                     | 12     |

### 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 |

#### 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

#### Approvals

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

## Base strip - SMSTBA 2,5/12-G - 1769900

### Approvals

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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  |
| Nominal voltage UN                                                                                | 300 V | 300 V |

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

|                                                                                                    |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  | B     | D     |
| Nominal current IN                                                                                 | 15 A  | 10 A  |
| Nominal voltage UN                                                                                 | 300 V | 300 V |

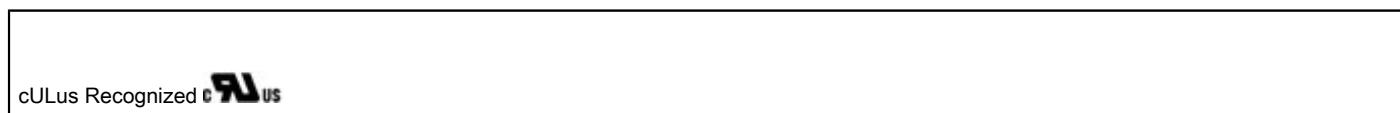
|                                                                                                     |       |
|-----------------------------------------------------------------------------------------------------|-------|
| IEC66 CB Scheme  |       |
| Nominal current IN                                                                                  | 12 A  |
| Nominal voltage UN                                                                                  | 250 V |

## Base strip - SMSTBA 2,5/12-G - 1769900

### Approvals

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

#### Filler plug

Accessories - MSTB-BL - 1755477



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

#### 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

### Additional products

## Base strip - SMSTBA 2,5/12-G - 1769900

### Accessories

Printed-circuit board connector - MSTB 2,5/12-ST - 1754643



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

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Printed-circuit board connector - MSTBP 2,5/12-ST - 1765878



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

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Printed-circuit board connector - MSTB 2,5/12-STZ - 1759350



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

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Printed-circuit board connector - FKC 2,5/12-ST - 1910458



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

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Printed-circuit board connector - FKCVW 2,5/12-ST - 1910131

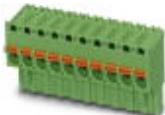


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5 mm,  
Connection method: Spring-cage connection, Color: green, Contact surface: Tin

## Base strip - SMSTBA 2,5/12-G - 1769900

### Accessories

Printed-circuit board connector - FKCVR 2,5/12-ST - 1909812



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

Printed-circuit board connector - FKCT 2,5/12-ST - 1909317



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

Printed-circuit board connector - MVSTBW 2,5/12-ST - 1792621



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

Printed-circuit board connector - MVSTBR 2,5/12-ST - 1792113



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

Printed-circuit board connector - MSTBT 2,5/12-ST - 1779932



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

## Base strip - SMSTBA 2,5/12-G - 1769900

### Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/12-ST - 1779518



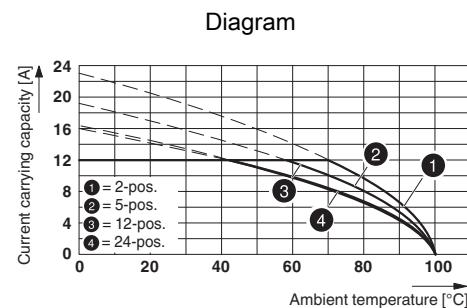
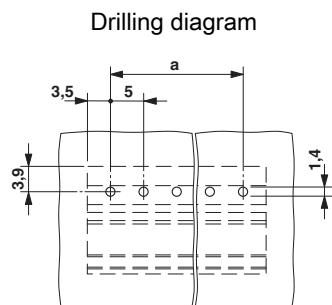
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - SMSTB 2,5/12-ST - 1768859



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

### Drawings



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

