

## Base strip - SMSTBA 2,5/18-G-5,08 - 1767533

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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, Assembly: Soldering



The figure shows a 10-position version of the product



### Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 1   |
| Minimum order quantity | 50  |
| Catalog page           | Page 170 (CC-2005)  |
| GTIN                   | <br>4 017918 033347 |
| Custom tariff number   | 85366990  |
| Country of origin      | GERMANY   |

### Technical data

#### Dimensions / positions

|                     |          |
|---------------------|----------|
| Length              | 16.5 mm  |
| Pitch               | 5.08 mm  |
| Dimension a         | 86.36 mm |
| Number of positions | 18       |
| Pin dimensions      | 1 x 1 mm |
| Hole diameter       | 1.4 mm   |

#### Technical data

|                                  |                 |
|----------------------------------|-----------------|
| 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/2)            | 320 V           |
| Rated voltage (II/2)             | 630 V           |
| Connection in acc. with standard | EN-VDE          |

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### Technical data

#### Technical data

|   |       |
|---|-------|
| Nominal current I <sub>N</sub>          | 12 A  |
| Nominal voltage U <sub>N</sub>          | 250 V |
| Maximum load current                    | 12 A  |
| Insulating material                     | PA    |
| Inflammability class according to UL 94 | V0    |
| Color                                   | green |
| Nominal voltage, UL/CUL Use Group B     | 300 V |
| Nominal current, UL/CUL Use Group B     | 15 A  |
| Nominal voltage, UL/CUL Use Group D     | 300 V |
| Nominal current, UL/CUL Use Group D     | 10 A  |

### Classifications

#### ETIM

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

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |

#### 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 |

### Approvals

#### Approvals

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#### Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IECCE CB Scheme / GOST / cULus Recognized

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#### Ex Approvals

# Base strip - SMSTBA 2,5/18-G-5,08 - 1767533

## Approvals

Approvals submitted

### Approval details

CSA

|                    | B     | D     |
|--------------------|-------|-------|
| Nominal current IN | 10 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 |

GOST


IECEE CB Scheme

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

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### Approvals

GOST 

cULus Recognized 

### Accessories

#### Accessories

#### Assembly

Accessories - MSTB-BL - 1755477



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

### Marking

Marker cards - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker cards, 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

### Plug/Adapter

Keying star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

### Additional products

## Base strip - SMSTBA 2,5/18-G-5,08 - 1767533

### Accessories

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: Screw 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, Color: green, Contact surface: Tin



Base strip - IC 2,5/18-G-5,08 - 1786569

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



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: Spring-cage conn., 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: Spring-cage conn., Color: green, Contact surface: Tin



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, Color: green, Contact surface: Tin



## Base strip - SMSTBA 2,5/18-G-5,08 - 1767533

### Accessories

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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 - 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 - 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, Color: green, Contact surface: Tin

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#### 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, Color: green, Contact surface: Tin

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#### Base strip - ICV 2,5/18-G-5,08 - 1786103



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

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## Accessories

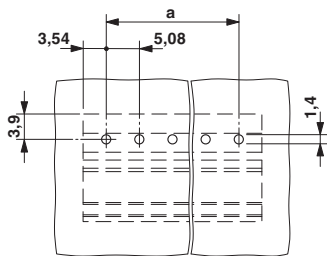
Printed-circuit board connector - MSTBP 2,5/18-ST-5,08 - 1769175



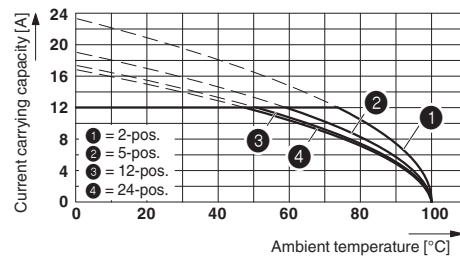
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

## Drawings

Drilling diagram



Diagram



Dimensioned drawing

