

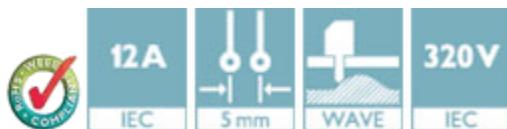
## Base strip - MSTBV 2,5/17-GF - 1777031

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 17, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 8.63 g   |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length                   | 8.6 mm   |
| Pitch                    | 5.00 mm  |
| Dimension a              | 80 mm    |
| Constructional height    | 12 mm    |
| Length of the solder pin | 3.9 mm   |
| Pin dimensions           | 1 x 1 mm |
| Hole diameter            | 1.4 mm   |

#### General

|                             |                 |
|-----------------------------|-----------------|
| Range of articles           | MSTBV 2,5/..-GF |
| 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            |

## Base strip - MSTBV 2,5/17-GF - 1777031

### Technical data

#### General

|  |        |
|--|--------|
| 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                    | PBT    |
| Flammability rating according to UL 94 | V0     |
| Color                                  | green  |
| Number of positions                    | 17     |

#### 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 |

#### UNSPSC

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

## Base strip - MSTBV 2,5/17-GF - 1777031

### Classifications

#### UNSPSC

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

### Approvals

#### Approvals

---

#### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / GL / RS / IEC6 CB Scheme / EAC / cULus Recognized / EAC

---

#### Ex Approvals

---

#### Approvals submitted

---

### Approval details

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

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

|    |
|----|
| GL |
|----|

|    |
|----|
| RS |
|----|

## Base strip - MSTBV 2,5/17-GF - 1777031

### Approvals

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

| EAC              |   |   |
|------------------|---|---|
| cULus Recognized | B | D |

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

## Base strip - MSTBV 2,5/17-GF - 1777031

### Accessories

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

### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

### Terminal marking

Marker card - SK 5/3,8:UNBEDRUCKT - 0805409



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

### Additional products

Printed-circuit board connector - FKCN 2,5/17-STF - 1733107



Plug component, Nominal current: 12 A, Rated voltage (III/2): 400 V, Number of positions: 17, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

## Base strip - MSTBV 2,5/17-GF - 1777031

### Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/17-STF - 1779796



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 17, Pitch: 5 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin

---

Printed-circuit board connector - MSTB 2,5/17-STF - 1786983



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 17, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

---

Printed-circuit board connector - MVSTBW 2,5/17-STF - 1835436



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 17, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

---

Printed-circuit board connector - MVSTBR 2,5/17-STF - 1835627



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 17, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

---

Printed-circuit board connector - FKCT 2,5/17-STF - 1909553



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 17, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

## Base strip - MSTBV 2,5/17-GF - 1777031

### Accessories

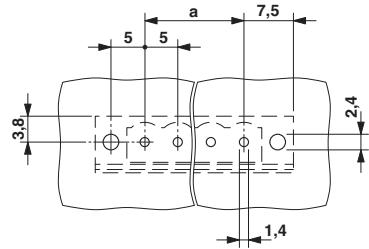
Printed-circuit board connector - SMSTB 2,5/17-STF - 1971028



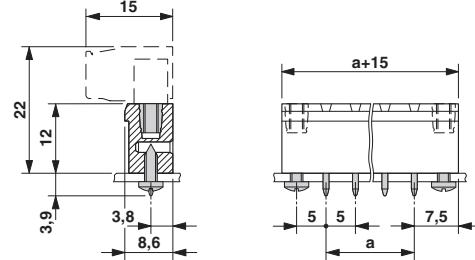
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 17, Pitch: 5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

### Drawings

Drilling diagram



Dimensional drawing



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1777031](#)