

## Base strip - DFK-MSTB 2,5/ 2-GF-5,08 - 0710170

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting

The figure shows a 10-position version of the product

### Product description


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting

### Why buy this product

- Outside: plug-in connection for corresponding MSTB 2,5 or FKC 2,5 plugs
- Can be fixed in housing panels up to 6 mm thick using two M3 x 10 screws
- Headers for assembly in a device/housing panel
- Inside: solder or 2.8 mm slip-on plug-in connection that can be combined



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1   |
| Minimum order quantity               | 50  |
| Catalog page                         | Page 325 (CC-2011)  |
| GTIN                                 | <br>4 017918 005207 |
| Weight per piece (including packing) | 0.0 GRM   |
| Weight per Piece (excluding packing) | 3.51 GRM  |
| Country of origin                    | GERMANY   |

### Technical data

#### Dimensions / positions

|                     |         |
|---------------------|---------|
| Pitch               | 5.08 mm |
| Dimension a         | 5.08 mm |
| Number of positions | 2       |

#### Technical data

|                           |                     |
|---------------------------|---------------------|
| Range of articles         | DFK-MSTB 2,5/...-GF |
| Insulating material group | I                   |

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### Technical data

#### Technical data

|   |                     |
|---|---------------------|
| 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              |
| Nominal current I <sub>N</sub>          | 12 A                |
| Nominal voltage U <sub>N</sub>          | 320 V               |
| Nominal cross section                   | 2.5 mm <sup>2</sup> |
| Maximum load current                    | 12 A                |
| Insulating material                     | PA                  |
| Inflammability class according to UL 94 | V2                  |
| Nominal voltage, UL/CUL Use Group B     | 250 V               |
| Nominal current, UL/CUL Use Group B     | 12 A                |
| Nominal voltage, UL/CUL Use Group D     | 300 V               |
| Nominal current, UL/CUL Use Group D     | 10 A                |

#### Connection data

|  |                     |
|--|---------------------|
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.     | 2.5 mm <sup>2</sup> |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min. | 24                  |
| Conductor cross section AWG/kcmil max  | 12                  |

### Classifications

#### eclass

|            |          |
|------------|----------|
| eClass 4.0 | 272607xx |
| eClass 4.1 | 27260701 |
| eClass 5.0 | 27260701 |
| eClass 5.1 | 27141190 |
| eClass 6.0 | 27260704 |

#### etim

|          |          |
|----------|----------|
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |

#### unspsc

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

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## Classifications

unspsc

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

## Approvals

### Certificates

#### Certification

CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / IEC CB Scheme / GOST / cULus Recognized

#### Certification EX

#### Certification 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 | 12 A  | 10 A  |
| Nominal voltage UN | 250 V | 300 V |

| VDE report with production monitoring |       |
|---------------------------------------|-------|
|                                       |       |
| Nominal current IN                    | 12 A  |
| Nominal voltage UN                    | 250 V |

| cUL Recognized     |       |       |
|--------------------|-------|-------|
|                    | B     | D     |
| Nominal current IN | 12 A  | 10 A  |
| Nominal voltage UN | 250 V | 300 V |

| GOST |
|------|
|------|

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### Approvals

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

|      |
|------|
| GOST |
|------|

|                  |
|------------------|
| cULus Recognized |
|------------------|

### Accessories

#### Accessories

#### Assembly

#### Screw set - DFK-MSTB-SS - 0708263

Screw set, for securing the header to the device wall, consists of an M3 x 10 screw, with a spring washer and a nut



#### Accessories - MSTB-BL - 1755477

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



#### 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 - DFK-MSTB 2,5/ 2-GF-5,08 - 0710170

### Accessories

Printed-circuit board connector - QC 1/ 2-STF-5,08 - 1883352

Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - MSTBT 2,5/ 2-STF-5,08 - 1805301

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - FKCVW 2,5/ 2-STF-5,08 - 1873809

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - MVSTBR 2,5/ 2-STF-5,08 - 1835096

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - MVSTBW 2,5/ 2-STF-5,08 - 1834903

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - MSTBC 2,5/ 2-STZF-5,08 - 1809734

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



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### Accessories

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Printed-circuit board connector - MSTB 2,5/ 2-STF-5,08 - 1777989

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - FKC 2,5/ 2-STF-5,08 - 1873207

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - FKCT 2,5/ 2-STF-5,08 - 1902301

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



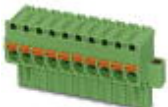
Printed-circuit board connector - FRONT-MSTB 2,5/ 2-STF-5,08 - 1777808

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - FKCVR 2,5/ 2-STF-5,08 - 1874109

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



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## Accessories

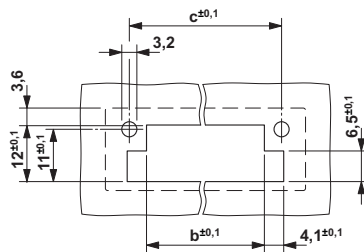
Printed-circuit board connector - TMSTBP 2,5/ 2-STF-5,08 - 1853104

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me

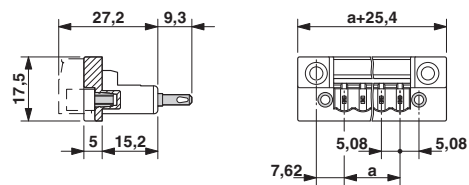


## Drawings

Drilling diagram



Dimensioned drawing



Dimension b: 3.02 mm + (no. of pos. x 5.08 mm)  
Dimension c: Dim. b + 7.14 mm