

## Base strip - DFK-MSTB 2,5/ 6-G-5,08 - 0707280

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting, Accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST-5,08 and MSTBT 2,5/...ST-5,08.

The figure shows a 10-position version of the product

### Product Features

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

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918004057 |

### Technical data

#### Dimensions

|             |         |
|-------------|---------|
| Pitch       | 5.08 mm |
| Dimension a | 25.4 mm |

#### General

|                                         |                     |
|-----------------------------------------|---------------------|
| Range of articles                       | DFK-MSTB 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)                   | 320 V               |
| 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 cross section                   | 2.5 mm <sup>2</sup> |
| Maximum load current                    | 12 A                |
| Insulating material                     | PA                  |
| Inflammability class according to UL 94 | V2                  |
| Number of positions                     | 6                   |

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### Technical data

#### 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

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |
| ETIM 5.0 | EC001283 |

#### UNSPSC

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

### approvals

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

#### Approval details

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

## Base strip - DFK-MSTB 2,5/ 6-G-5,08 - 0707280

### approvals

| Usegroups     | B | D |
|---------------|---|---|
| mm²/AWG/kcmil |   |   |

UL Recognized 

| Usegroups          | B     | D     |
|--------------------|-------|-------|
| Nominal voltage UN | 300 V | 300 V |
| Nominal current IN | 15 A  | 10 A  |
| mm²/AWG/kcmil      |       |       |

VDE Gutachten mit Fertigungsüberwachung 

| Nominal voltage UN | 250 V |
|--------------------|-------|
| Nominal current IN | 12 A  |
| mm²/AWG/kcmil      |       |

cUL Recognized 

| Usegroups          | B     | D     |
|--------------------|-------|-------|
| Nominal voltage UN | 300 V | 300 V |
| Nominal current IN | 15 A  | 10 A  |
| mm²/AWG/kcmil      |       |       |

GOST 

IECEE CB Scheme 

| Nominal voltage UN | 250 V |
|--------------------|-------|
| Nominal current IN | 12 A  |
| mm²/AWG/kcmil      |       |



## Base strip - DFK-MSTB 2,5/ 6-G-5,08 - 0707280

### approvals

|  |       |       |
|-----------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                         | B     | D     |
| Nominal voltage UN                                                                | 300 V | 300 V |
| Nominal current IN                                                                | 10 A  | 10 A  |
| mm²/AWG/kcmil                                                                     |       |       |

| CCA                |       |
|--------------------|-------|
| Nominal voltage UN | 250 V |
| Nominal current IN | 12 A  |
| mm²/AWG/kcmil      |       |

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

### accessories

#### Mounting material

DFK-MSTB-SS - 0708263



#### Coding element

CR-MSTB - 1734401



#### Filler plug

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### accessories

MSTB-BL - 1755477



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### accessories

DFK-MSTB-R - 5030172

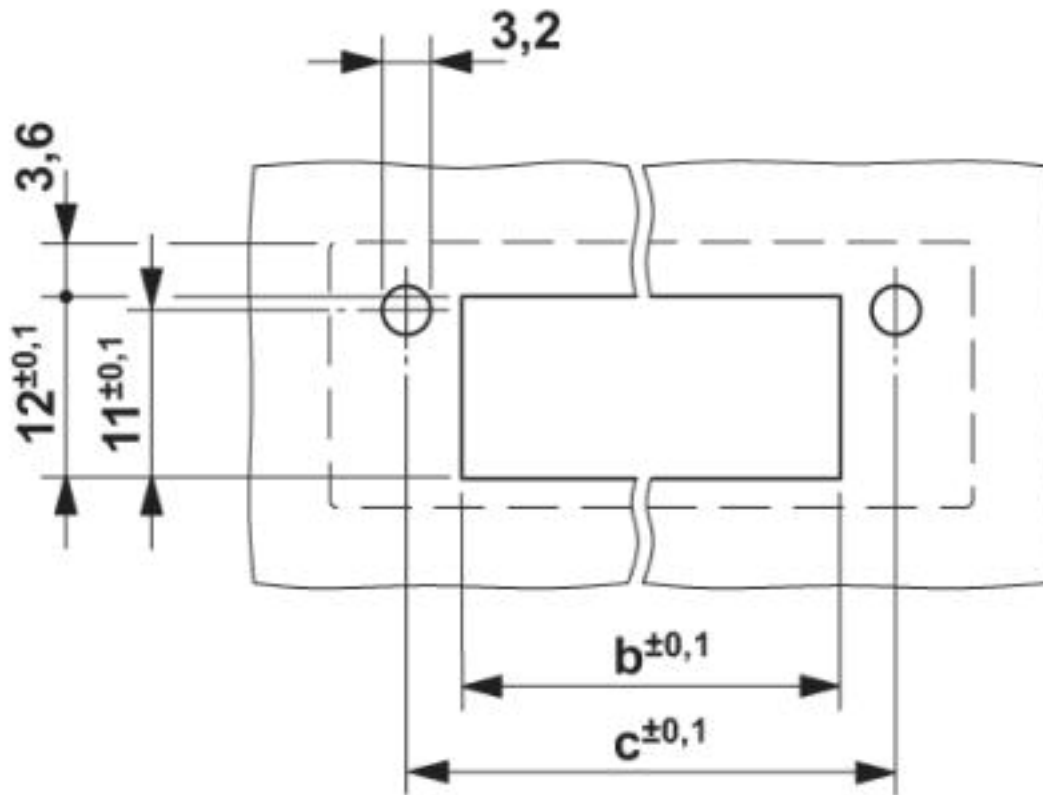


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### Drawings

## Base strip - DFK-MSTB 2,5/ 6-G-5,08 - 0707280

Drilling diagram



Dimension b:  $3.02 \text{ mm} + (\text{no. of pos.} \times 5.08 \text{ mm})$   
 Dimension c:  $\text{Dim. b} + 7.14 \text{ mm}$

Dimensioned drawing

