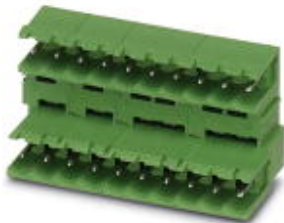


## Housing - MDSTB 2,5/12-G - 1846467

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Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering, Can be aligned! Mounting flange: Order No. 1736771, 1736768. In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

The figure shows a 10-pos. version with 20 contacts

### Product Features

- ✓ Plug-in direction parallel to the PCB
- ✓ Double-level header with offset levels
- ✓ Improved view and access to lower level
- ✓ High contact density
- ✓ Add-on ejectors for high-pos. connectors should be mounted to the left and right



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 pc      |
| Weight per Piece (excluding packing) | 18.27 GRM |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                |          |
|----------------|----------|
| Length         | 22.1 mm  |
| Pitch          | 5 mm     |
| Dimension a    | 55 mm    |
| Pin dimensions | 1 x 1 mm |
| Hole diameter  | 1.4 mm   |

#### General

|                           |                 |
|---------------------------|-----------------|
| Range of articles         | MDSTB 2,5/...-G |
| Insulating material group | IIIa            |

# Housing - MDSTB 2,5/12-G - 1846467

## Technical data

### General

|                                         |        |
|-----------------------------------------|--------|
| 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)                   | 250 V  |
| Rated voltage (III/2)                   | 320 V  |
| Rated voltage (II/2)                    | 400 V  |
| Connection in acc. with standard        | EN-VDE |
| Nominal current $I_N$                   | 10 A   |
| Maximum load current                    | 10 A   |
| Insulating material                     | PBT    |
| 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 |

## Housing - MDSTB 2,5/12-G - 1846467

### Approvals

#### Approvals

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

|                                                                                        |       |       |
|----------------------------------------------------------------------------------------|-------|-------|
| CSA  |       |       |
|                                                                                        | B     | D     |
| Nominal current I <sub>N</sub>                                                         | 15 A  | 15 A  |
| Nominal voltage U <sub>N</sub>                                                         | 300 V | 300 V |

|                                                                                                   |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                   | B     | D     |
| Nominal current I <sub>N</sub>                                                                    | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 300 V | 300 V |

|                                                                                                                             |       |
|-----------------------------------------------------------------------------------------------------------------------------|-------|
| VDE Gutachten mit Fertigungsüberwachung  |       |
| Nominal current I <sub>N</sub>                                                                                              | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                                              | 250 V |

## Housing - MDSTB 2,5/12-G - 1846467

### Approvals

|                                                                                                  |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  |       |       |
|                                                                                                  | B     | D     |
| Nominal current I <sub>N</sub>                                                                   | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                   | 300 V | 300 V |

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

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| IECEE CB Scheme  |       |
|                                                                                                   |       |
| Nominal current I <sub>N</sub>                                                                    | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 250 V |

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

|                                |       |
|--------------------------------|-------|
| CCA                            |       |
|                                |       |
| Nominal current I <sub>N</sub> | 10 A  |
| Nominal voltage U <sub>N</sub> | 250 V |

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

### Drawings

## Housing - MDSTB 2,5/12-G - 1846467

Dimensioned drawing

