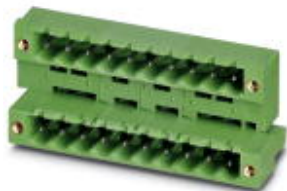


# Housing - MDSTB 2,5/12-GF-5,08 - 1842461

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Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering, The article can be aligned to create different nos. of positions! 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

## Why buy this product

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



## Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 50 pc   |
| GTIN                                 | <br>4 017918 184674 |
| Weight per Piece (excluding packing) | 22.03 g   |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

## Technical data

### Dimensions

|                |          |
|----------------|----------|
| Length         | 22.1 mm  |
| Pitch          | 5.08 mm  |
| Dimension a    | 55.88 mm |
| Pin dimensions | 1 x 1 mm |
| Hole diameter  | 1.4 mm   |

### General

|                             |                 |
|-----------------------------|-----------------|
| Range of articles           | MDSTB 2,5/..-GF |
| Insulating material group   | I               |
| Rated surge voltage (III/3) | 4 kV            |

# Housing - MDSTB 2,5/12-GF-5,08 - 1842461

## Technical data

### General

|   |       |
|---|-------|
| 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 |
| Nominal current I <sub>N</sub>          | 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 |

## Approvals

### Approvals

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UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / CCA / EAC / cULus Recognized

# Housing - MDSTB 2,5/12-GF-5,08 - 1842461

## Approvals

Ex Approvals

Approvals submitted

### Approval details

|                    |       |       |
|--------------------|-------|-------|
| 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                      | 10 A  |
| Nominal voltage UN                      | 250 V |

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

|                    |       |
|--------------------|-------|
| IECEE CB Scheme    |       |
| Nominal current IN | 10 A  |
| Nominal voltage UN | 250 V |

|                    |       |
|--------------------|-------|
| CCA                |       |
| Nominal current IN | 10 A  |
| Nominal voltage UN | 250 V |

## Housing - MDSTB 2,5/12-GF-5,08 - 1842461

### Approvals

EAC

cULus Recognized  US

### 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

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#### Filler plug

Accessories - MSTB-BL - 1755477



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

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#### Labeled terminal marker

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



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: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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#### Additional products

## Housing - MDSTB 2,5/12-GF-5,08 - 1842461

### Accessories

Printed-circuit board connector - MSTB 2,5/12-STF-5,08 - 1778085

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



Printed-circuit board connector - FKCVW 2,5/12-STF-5,08 - 1873906

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



Printed-circuit board connector - FKC 2,5/12-STF-5,08 - 1873304

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



Printed-circuit board connector - MVSTBR 2,5/12-STF-5,08 - 1835193

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



Printed-circuit board connector - MVSTBW 2,5/12-STF-5,08 - 1835009

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



## Housing - MDSTB 2,5/12-GF-5,08 - 1842461

### Accessories

#### Printed-circuit board connector - MSTBT 2,5/12-STF-5,08 - 1805398

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



#### Printed-circuit board connector - FRONT-MSTB 2,5/12-STF-5,08 - 1777895

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



#### Printed-circuit board connector - FKCVR 2,5/12-STF-5,08 - 1874206

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



#### Printed-circuit board connector - MSTBC 2,5/12-STZF-5,08 - 1809831

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



#### Printed-circuit board connector - FKCT 2,5/12-STF-5,08 - 1902408

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

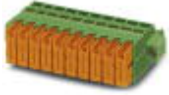


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## Accessories

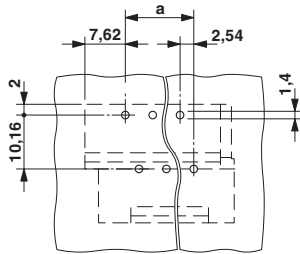
Printed-circuit board connector - QC 1/12-STF-5,08 - 1883459

Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin



## Drawings

Drilling diagram



Dimensioned drawing

