

## DFK-MSTBVA 2,5/16-G-5,08

Order No.: 1899278

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1899278>

Header, Nominal current: 12 A, Nom. voltage: 250 V, Nom. voltage:  
250 V, Pitch: 5.08 mm, Number of positions: 16, Assembly: Soldering

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918186296      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.01009 KG         |
| Catalog page information | Page 287 (CC-2009) |

### Product notes

WEEE/RoHS-compliant since:  
09/01/2005



[http://  
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)  
Please note that the data given  
here has been taken from the  
online catalog. For comprehensive  
information and data, please refer  
to the user documentation. The  
General Terms and Conditions of  
Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

|                     |         |
|---------------------|---------|
| Pitch               | 5.08 mm |
| Dimension a         | 76.2 mm |
| Number of positions | 16      |

#### Technical data

|                                    |        |
|------------------------------------|--------|
| 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   |
| 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   |
| Nominal voltage $U_N$              | 250 V  |
| Maximum load current               | 12 A   |
| Insulating material                | PBT    |
| Inflammability class acc. to UL 94 | V0     |

#### Certificates / Approvals



Certification

CB, CUL, GOST, UL, VDE-PZI

#### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |

#### UL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |

#### Accessories

| Item            | Designation | Description                                                                                                         |
|-----------------|-------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b> |             |                                                                                                                     |
| 0708263         | DFK-MSTB-SS | Screw set, for securing the header to the device wall, consists of an M3 x 10 screw, with a spring washer and a nut |
| 1755477         | MSTB-BL     | Keying cap, for forming sections, plugs onto header pin, green insulating material                                  |

#### Plug/Adapter

|         |         |                                                                                                      |
|---------|---------|------------------------------------------------------------------------------------------------------|
| 1734401 | CR-MSTB | Coding section, inserted into the recess in the header or the inverted plug, red insulating material |
|---------|---------|------------------------------------------------------------------------------------------------------|

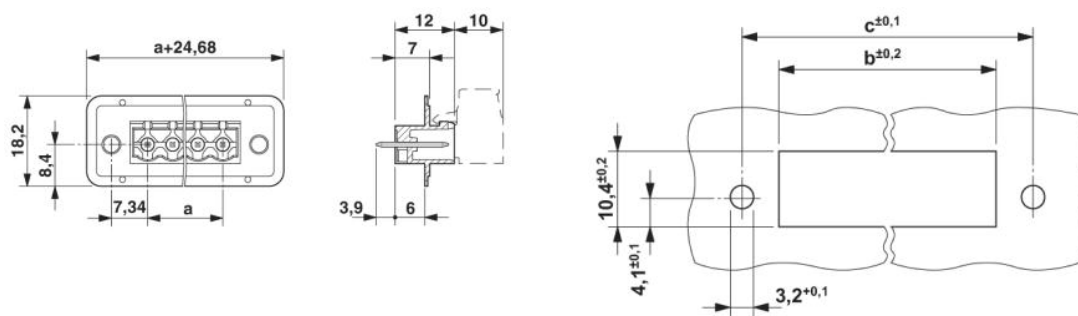
#### Additional products

| Item           | Designation               | Description                                                                                                                                           |
|----------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                           |                                                                                                                                                       |
| 1873197        | FKC 2,5/16-ST-5,08        | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Spring-cage conn., Color: green |
| 1902259        | FKCT 2,5/16-ST-5,08       | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Spring-cage conn., Color: green |
| 1874099        | FKCVR 2,5/16-ST-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Spring-cage conn.               |
| 1873799        | FKCVW 2,5/16-ST-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Spring-cage conn.               |
| 1777426        | FRONT-MSTB 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Screw connection, Color: green  |
| 1786543        | IC 2,5/16-G-5,08          | Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 16, Assembly: Soldering                                      |
| 1786080        | ICV 2,5/16-G-5,08         | Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 16, Color: green, Assembly: Soldering                        |
| 1757158        | MSTB 2,5/16-ST-5,08       | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Screw connection, Color: green  |
| 1764248        | MSTB 2,5/16-STZ-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Screw connection, Color: green  |
| 1808955        | MSTBC 2,5/16-ST-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Crimp connection, Color: green  |
| 1809640        | MSTBC 2,5/16-STZ-5,08     | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Crimp connection                |
| 1769159        | MSTBP 2,5/16-ST-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Screw connection, Color: green  |
| 1781124        | MSTBT 2,5/16-ST-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Screw connection, Color: green  |

|         |                       |                                                                                                                                                                                |
|---------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1792388 | MVSTBR 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Screw connection, Color: green                           |
| 1792896 | MVSTBW 2,5/16-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Screw connection, Color: green                           |
| 1883844 | QC 1/16-ST-5,08       | Plug component, Nominal current: 10 A, Nom. voltage: 500 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Insulation displacement connection QUICKON, Color: green |
| 1826429 | SMSTB 2,5/16-ST-5,08  | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 16, Connection type: Screw connection, Color: green                           |

## Diagrams/Drawings

### Dimensioned drawing



Dimension b = 2.38 mm + (no. of pos. x 5.08 mm)

Dimension c = Dim. b + 7.22 mm

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