

## DFK-MSTBA 2,5/ 4-GF-5,08

Order No.: 1899003

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1899003>

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering

### Commercial data

|                          |                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------|
| GTIN (EAN)               |  |
| Note                     | Made-to-order                                                                       |
| sales group              | E120                                                                                |
| Pack                     | 50 pcs.                                                                             |
| Customs tariff           | 85366990                                                                            |
| Catalog page information | Page 287 (CC-2009)                                                                  |

### Product notes

WEEE/RoHS-compliant since:  
01/01/2008



<http://www.download.phoenixcontact.com>  
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### Technical data

#### Dimensions / positions

|                     |          |
|---------------------|----------|
| Length              | 12 mm    |
| Pitch               | 5.08 mm  |
| Dimension a         | 15.24 mm |
| Number of positions | 4        |

#### Technical data

|                                    |                     |
|------------------------------------|---------------------|
| Range of articles                  | DFK-MSTBA 2,5/..-GF |
| 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

#### 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

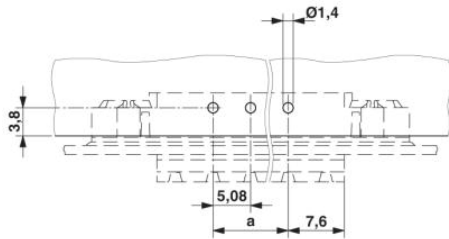
|         |         |                                                                                                      |
|---------|---------|------------------------------------------------------------------------------------------------------|
| 1734401 | CR-MSTB | Coding section, inserted into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

#### Additional products

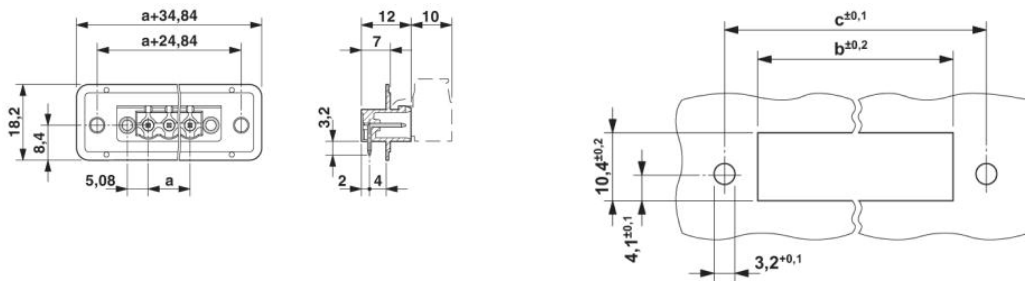
| Item           | Designation                | Description                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                            |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 1873223        | FKC 2,5/ 4-STF-5,08        | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn                                                                                                                                                                                                                                                                          |
| 1902327        | FKCT 2,5/ 4-STF-5,08       | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn                                                                                                                                                                                                                                                                          |
| 1874125        | FKCVR 2,5/ 4-STF-5,08      | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn                                                                                                                                                                                                                                                                          |
| 1873825        | FKCVW 2,5/ 4-STF-5,08      | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn                                                                                                                                                                                                                                                                          |
| 1777824        | FRONT-MSTB 2,5/ 4-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn                                                                                                                                                                                                                                                                          |
| 1778001        | MSTB 2,5/ 4-STF-5,08       | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn                                                                                                                                                                                                                                                                          |
| 1809750        | MSTBC 2,5/ 4-STZF-5,08     | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn, 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 |
| 1805327        | MSTBT 2,5/ 4-STF-5,08      | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn                                                                                                                                                                                                                                                                          |
| 1835119        | MVSTBR 2,5/ 4-STF-5,08     | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn                                                                                                                                                                                                                                                                          |
| 1834929        | MVSTBW 2,5/ 4-STF-5,08     | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn                                                                                                                                                                                                                                                                          |
| 1883378        | QC 1/ 4-STF-5,08           | Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn                                                                                                                                                                                                                                                                          |
| 1853120        | TMSTBP 2,5/ 4-STF-5,08     | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5.08 mm, Color: green, Metal surface: Sn, The plug allows conductors to be looped through from module to module.                                                                                                                                                                                                  |

## Diagrams/Drawings

### Drilling plan/solder pad geometry



### Dimensioned drawing



Dimension b = 10.49 mm + (no. of pos. x 5.08 mm)

Dimension c = Dim. b + 9.27 mm

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