**Extract from the online catalog**

# DFK-MSTBA 2,5/ 9-GF-5,08

Order No.: 1899058

The figure shows a 10-position version of the product



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1899058

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering

| Commercial data | |
|---|---|
| GTIN (EAN) | 4 017918 186524 |
| 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: 07/08/2005

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

| | |
|---|---|
| Length | 12 mm |
| Pitch | 5.08 mm |
| Dimension a | 40.64 mm |
| Number of positions | 9 |

**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

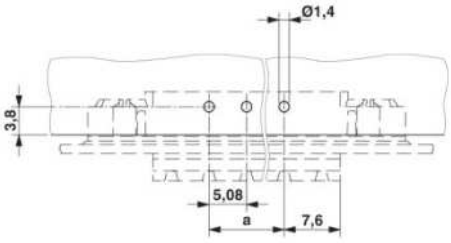
| Item | Designation | Description |
|---|---|---|
| **Assembly** | | |
| 0708263 | DFK-MSTB-SS | Screw set, for securing the header to the device wall, consists of an M3 x 10 screw, with a spring washer and a nut |
| 1755477 | MSTB-BL | Keying cap, for forming sections, plugs onto header pin, green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

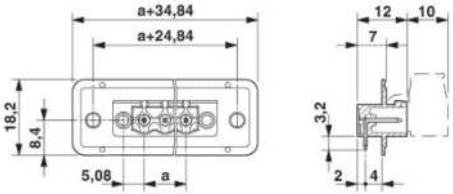
| Item | Designation | Description |
|---|---|---|
| **General** | | |
| 1873278 | FKC 2,5/ 9-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1902372 | FKCT 2,5/ 9-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1874170 | FKCVR 2,5/ 9-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1873870 | FKCVW 2,5/ 9-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1777866 | FRONT-MSTB 2,5/ 9-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1778056 | MSTB 2,5/ 9-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1809802 | MSTBC 2,5/ 9-STZF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm²] 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 |
| 1805369 | MSTBT 2,5/ 9-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1835164 | MVSTBR 2,5/ 9-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1834974 | MVSTBW 2,5/ 9-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1883420 | QC 1/ 9-STF-5,08 | Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1853175 | TMSTBP 2,5/ 9-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 9, Pitch: 5.08 mm, Color: green, Metal surface: Sn, The plug allows conductors to be looped through from module to module. |

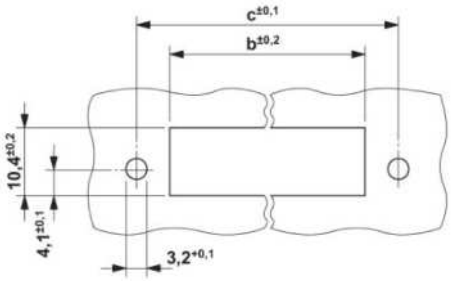
## Diagrams/Drawings

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

## Address

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