


# DFK-MSTBA 2,5/10-G-5,08

Order No.: 1898910



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1898910>

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering

| Commercial data          |  |
|--------------------------|--|
| GTIN (EAN)               | <br>4 017918 186081 |
| Note                     | Made-to-order  |
| sales group              | E120   |
| Pack                     | 50 pcs.  |
| Customs tariff           | 85366990   |
| Catalog page information | Page 286 (CC-2009)   |

#### Product notes

WEEE/RoHS-compliant since:  
06/13/2005



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| Technical data                |          |
|-------------------------------|----------|
| <b>Dimensions / positions</b> |          |
| Length                        | 12 mm    |
| Pitch                         | 5.08 mm  |
| Dimension a                   | 45.72 mm |
| Number of positions           | 10       |

#### Technical data

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

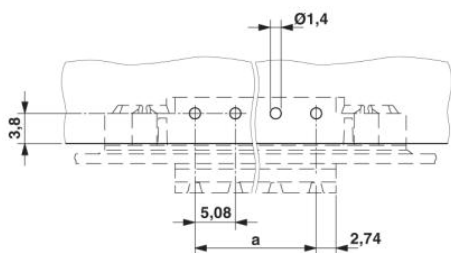
### Additional products

| Item           | Designation               | Description  |
|----------------|---------------------------|--|
| <b>General</b> |                           |  |
| 1872774        | A-ICV 2,5/10-G-5,08       | Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 10, Pitch: 5.08 mm, Color: green   |
| 1873139        | FKC 2,5/10-ST-5,08        | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1902194        | FKCT 2,5/10-ST-5,08       | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1874031        | FKCVR 2,5/10-ST-5,08      | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1873731        | FKCVW 2,5/10-ST-5,08      | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1777361        | FRONT-MSTB 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1786488        | IC 2,5/10-G-5,08          | Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering   |
| 1786022        | ICV 2,5/10-G-5,08         | Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering   |
| 1757093        | MSTB 2,5/10-ST-5,08       | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1764303        | MSTB 2,5/10-STZ-5,08      | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1808890        | MSTBC 2,5/10-ST-5,08      | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, 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 |

|         |                       |  |
|---------|-----------------------|--|
| 1809585 | MSTBC 2,5/10-STZ-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, 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 |
| 1769094 | MSTBP 2,5/10-ST-5,08  | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1781069 | MSTBT 2,5/10-ST-5,08  | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1792320 | MVSTBR 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1792838 | MVSTBW 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1883336 | QC 1/10-ST-5,08       | Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1826364 | SMSTB 2,5/10-ST-5,08  | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn  |
| 1853094 | TMSTBP 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Metal surface: Sn, The plug allows conductors to be looped through from module to module.  |

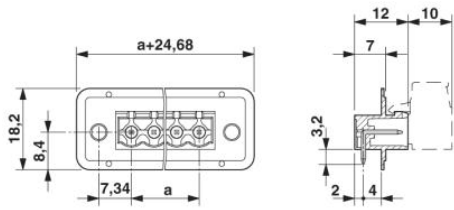
## Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing

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