

DFK-MSTB 2,5/14-GF-5,08


Order No.: 0710293

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=0710293>

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting

| Commercial data | |
|--------------------------|---|
| GTIN (EAN) |  4 017918 005320 |
| sales group | E120 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 285 (CC-2009) |

Product notes

WEEE/RoHS-compliant since:
01/01/2003



<http://www.download.phoenixcontact.com>
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| Technical data | |
|-------------------------------|----------|
| Dimensions / positions | |
| Pitch | 5.08 mm |
| Dimension a | 66.04 mm |
| Number of positions | 14 |

Technical data

| | |
|------------------------------------|---------------------|
| Range of articles | DFK-MSTB 2,5/...-GF |
| Insulating material group | I |
| 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) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 12 A |
| Nominal voltage U_N | 320 V |
| Nominal cross section | 2.5 mm ² |
| Maximum load current | 12 A |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V2 |
| Max. current slip-on connection | 8 A |
| Dimensions of slip-on connection | 2,8 x 0,8 mm |

Connection data

| | |
|--|---------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |

Certificates / Approvals



Certification

CB, CSA, 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 |

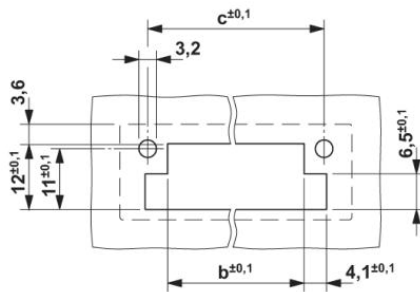
Additional products

| Item | Designation | Description |
|----------------|----------------------------|--|
| General | | |
| 1873320 | FKC 2,5/14-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1902424 | FKCT 2,5/14-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1874222 | FKCVR 2,5/14-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1873922 | FKCVW 2,5/14-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1777918 | FRONT-MSTB 2,5/14-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1778108 | MSTB 2,5/14-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1809857 | MSTBC 2,5/14-STZF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm ²] 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 |
| 1805411 | MSTBT 2,5/14-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn |

| | | |
|---------|------------------------|---|
| 1835216 | MVSTBR 2,5/14-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1835025 | MVSTBW 2,5/14-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1883860 | QC 1/14-STF-5,08 | Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 14, Pitch: 5.08 mm, Color: green, Metal surface: Sn |

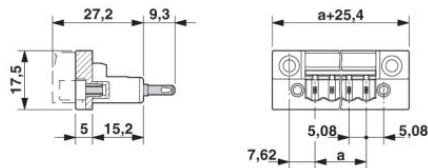
Diagrams/Drawings

Drilling plan/solder pad geometry



Dimension b = 3.02 mm + (no. of pos. x 5.08 mm)
 Dimension c = Dim. b + 7.14 mm

Dimensioned drawing



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