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Stocking Distributor

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sales@integrated-circuit.com



Extract from the online catalog

MSTB 2,5/ 3-GF-5,08 BK

Order No.: 1962024


The figure shows a 10-position version of the product



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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: black, Assembly: Soldering

Commercial data

| | |
|----------------|--|
| GTIN (EAN) |  4 017918 902704 |
| sales group | E110 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |

Product notes

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



<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 | 10.16 mm |
| Number of positions | 3 |
| Pin dimensions | 1 x 1 mm |
| Hole diameter | 1.4 mm |

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Technical data

| | |
|-------------------------------------|-----------------|
| Range of articles | MSTB 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 |
| Nominal voltage, UL/CUL Use Group B | 250 V |
| Nominal current, UL/CUL Use Group B | 12 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 10 A |

Certificates / Approvals



Certification CB, CSA, CUL, UL, VDE-PZI

Accessories

| Item | Designation | Description |
|---------|-------------|--|
| 1755477 | MSTB-BL | Keying cap, for forming sections, plugs onto header pin, green insulating material |

Marking

| | | |
|---------|---------|---|
| 1051993 | B-STIFT | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm |
|---------|---------|---|

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| | | |
|---------|--------------------------|--|
| 0804293 | SK 5,08/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks |
| 0805085 | SK 5,08/3,8:SO | Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 12 identical marker strips per card, max. 25-position labeling per strip, color: white |
| 0803906 | SK U/3,8 WH:UNBEDRUCKT | Kennzeichnungskarten unbedruckt, DIN A4-Format, freie Rastereinteilung, selbstklebend, mit 40 vorgestanzten Kennzeichnungstreifen, 185 mm Streifenlänge, beschriftbar mit dem CMS-System oder manuell mit dem B-STIFT oder X-PEN |
| 0811228 | X-PEN 0,35 | Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm |

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 | | |
| 1873210 | FKC 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1973165 | FKC 2,5/ 3-STF-5,08 BK | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: black |
| 1902314 | FKCT 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1874112 | FKCVR 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1777811 | FRONT-MSTB 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1777992 | MSTB 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1961973 | MSTB 2,5/ 3-STF-5,08 BK | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: black |

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| | | |
|---------|---------------------------|---|
| 1809747 | MSTBC 2,5/ 3-STZF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, 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 |
| 1971785 | MSTBC 2,5/ 3-STZF-5,08 BK | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: black, 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 |
| 1805314 | MSTBT 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1962574 | MSTBT 2,5/ 3-STF-5,08 BK | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: black |
| 1835106 | MVSTBR 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1914205 | MVSTBR 2,5/ 3-STF-5,08 BK | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: black |
| 1834916 | MVSTBW 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1883365 | QC 1/ 3-STF-5,08 | Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 5.08 mm, Color: green, Metal surface: Sn |
| 1853117 | TMSTBP 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: green, Metal surface: Sn, The plug allows conductors to be looped through from module to module. |

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