

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



Extract from the online
catalog

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

Order No.: 1757323

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1757323>

Header, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm,
Number of positions: 10, Color: green, Assembly: Soldering

Commercial data

| | |
|--------------------------|--------------------|
| EAN | 4017918029852 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Weight/Piece | 0.004651 KG |
| Catalog page information | Page 249 (CC-2009) |

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 | 45.72 mm |
| Number of positions | 10 |
| Pin dimensions | 1 x 1 mm |
| Hole diameter | 1.4 mm |

Technical data

| | |
|------------------------------------|--------|
| 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, CSA, CUL, GOST, UL, VDE-PZI

CSA

| | |
|-----------------------|-------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 10 A |

CUL

| | |
|-----------------------|-------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 10 A |

UL

| | |
|-----------------------|-------|
| Nominal voltage U_N | 300 V |
| Nominal current I_N | 10 A |

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Accessories

| Item | Designation | Description |
|---------------------|--------------------------|---|
| Assembly | | |
| 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 |
| 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 |
| 0805412 | SK 5,08/3,8:UNBEDRUCKT | Marker cards, unprinted, with pitch divisions, self-adhesive, 10-section marker strips, 12 strips per card, can be labeled with the M-PEN |
| Plug/Adapter | | |
| 1734401 | CR-MSTB | Coding section, inserted into the recess in the header or the inverted plug, red insulating material |

Additional products

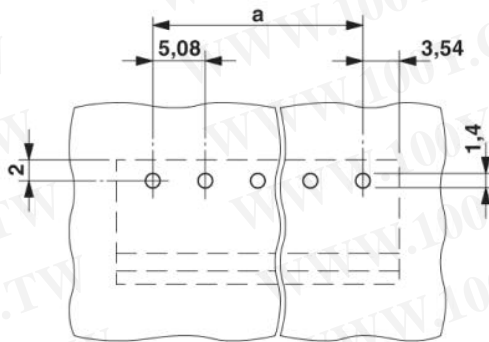
| Item | Designation | Description |
|----------------|----------------------|---|
| General | | |
| 1872774 | A-ICV 2,5/10-G-5,08 | Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 10, Pitch: 5.08 mm, Color: green |
| 1873139 | FKC 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Spring-cage conn., Color: green |
| 1902194 | FKCT 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Spring-cage conn., Color: green |
| 1874031 | FKCVR 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Spring-cage conn. |
| 1873731 | FKCVW 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Spring-cage conn. |

| | | |
|---------|---------------------------|---|
| 1777361 | FRONT-MSTB 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Color: green |
| 1786488 | IC 2,5/10-G-5,08 | Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 10, Assembly: Soldering |
| 1786022 | ICV 2,5/10-G-5,08 | Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 10, Color: green, Assembly: Soldering |
| 1757093 | MSTB 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Color: green |
| 1764303 | MSTB 2,5/10-STZ-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Color: green |
| 1808890 | MSTBC 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Crimp connection, Color: green |
| 1809585 | MSTBC 2,5/10-STZ-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Crimp connection |
| 1769094 | MSTBP 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Color: green |
| 1781069 | MSTBT 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Color: green |
| 1824434 | MSTBU 2,5/10-ST-5,08-FL | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Assembly: Direct mounting |
| 1824201 | MSTBU 2,5/10-STD-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Assembly: Direct mounting, Color: green |
| 1831391 | MSTBVK 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Assembly: DIN rail |
| 1792320 | MVSTBR 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Color: green |
| 1792838 | MVSTBW 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Color: green |
| 1883336 | QC 1/10-ST-5,08 | Plug component, Nominal current: 10 A, Nom. voltage: 500 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Insulation displacement connection QUICKON, Color: green |
| 1826364 | SMSTB 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Color: green |

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|---------|------------------------|--|
| 1853094 | TMSTBP 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection |
| 1833894 | UMSTBVK 2,5/10-ST-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 10, Connection type: Screw connection, Assembly: DIN rail, Color: green |

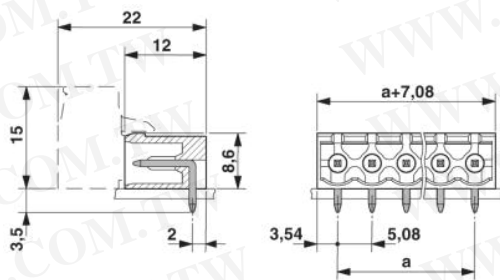
Diagrams/Drawings

Drilling plan/solder pad geometry



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Dimensioned drawing



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