



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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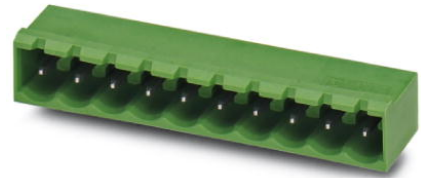
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China




MSTBA 2,5/20-G

Order No.: 1757640

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1757640>

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 20, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering

| Commercial data | |
|--------------------------|---|
| GTIN (EAN) |  |
| sales group | E110 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 167 (CC-2005) |

Product notesWEEE/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 | |
| Length | 12 mm |
| Pitch | 5 mm |
| Dimension a | 95 mm |
| Number of positions | 20 |

| | |
|----------------|----------|
| Pin dimensions | 1 x 1 mm |
| Hole diameter | 1.4 mm |

Technical data

| | |
|-------------------------------------|-----------------|
| Range of articles | 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 |
| 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, GOST, UL, VDE-PZI

Accessories

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

Marking

| | | |
|---------|-----------------------|---|
| 0804183 | SK 5/3,8: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 |
|---------|-----------------------|---|

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 |
|------|-------------|-------------|
|------|-------------|-------------|

Assembly

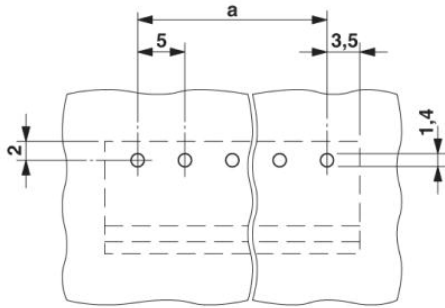
| | | |
|---------|----------------|--|
| 1909391 | FKCT 2,5/20-ST | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 20, Pitch: 5 mm, Color: green, Metal surface: Sn |
|---------|----------------|--|

General

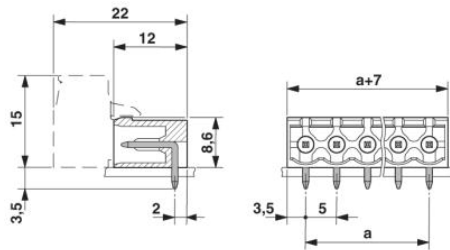
| | | |
|---------|----------------------|--|
| 1779592 | FRONT-MSTB 2,5/20-ST | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 20, Pitch: 5 mm, Color: green, Metal surface: Sn |
| 1754805 | MSTB 2,5/20-ST | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 20, Pitch: 5 mm, Color: green, Metal surface: Sn |
| 1765959 | MSTBP 2,5/20-ST | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 20, Pitch: 5 mm, Color: green, Metal surface: Sn |
| 1792197 | MVSTBR 2,5/20-ST | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 20, Pitch: 5 mm, Color: green, Metal surface: Sn |
| 1792702 | MVSTBW 2,5/20-ST | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 20, Pitch: 5 mm, Color: green, Metal surface: Sn |
| 1768930 | SMSTB 2,5/20-ST | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 20, Pitch: 5 mm, Color: green, Metal surface: Sn |

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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