

## Excellent Integrated System Limited

Stocking Distributor

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[Phoenix Contact](#)  
[1754850](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

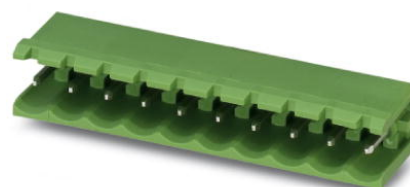


Extract from the online catalog

## MSTB 2,5/23-G


Order No.: 1754850

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1754850>

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 23, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Soldering

Commercial data	
GTIN (EAN)	 4 017918 029029
Note	Made-to-order
sales group	E110
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 166 (CC-2005)

### 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	
Length	12 mm
Pitch	5 mm
Dimension a	110 mm
Number of positions	23

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Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

**Technical data**

Range of articles	MSTB 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 <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	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
<b>Assembly</b>		
1759981	MSTB-BF	Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.
1755477	MSTB-BL	Keying cap, for forming sections, plugs onto header pin, green insulating material

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**Marking**

1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm
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
0805072	SK 5/3,8: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
0805409	SK 5/3,8: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
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**Additional products**

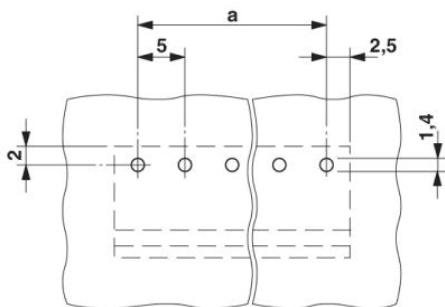
Item	Designation	Description
<b>General</b>		
1779628	FRONT-MSTB 2,5/23-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 23, Pitch: 5 mm, Color: green, Metal surface: Sn
1754863	MSTB 2,5/23-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 23, Pitch: 5 mm, Color: green, Metal surface: Sn
1765988	MSTBP 2,5/23-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 23, Pitch: 5 mm, Color: green, Metal surface: Sn
1792223	MVSTBR 2,5/23-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 23, Pitch: 5 mm, Color: green, Metal surface: Sn
1792731	MVSTBW 2,5/23-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 23, Pitch: 5 mm, Color: green, Metal surface: Sn
1768969	SMSTB 2,5/23-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 23, Pitch: 5 mm, Color: green, Metal surface: Sn

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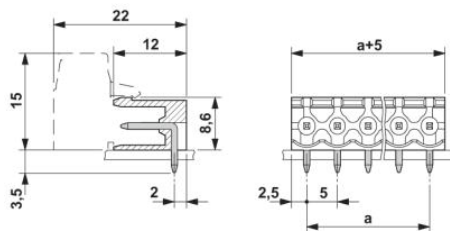
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**Diagrams/Drawings**

Drilling plan/solder pad geometry



Dimensioned drawing



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