

## Excellent Integrated System Limited

Stocking Distributor

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[Phoenix Contact](#)  
[1777235](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

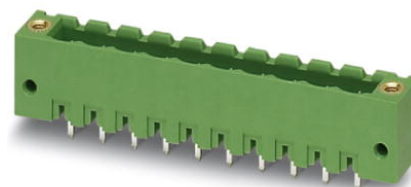


Extract from the online catalog

## MSTBV 2,5/18-GF-5,08


Order No.: 1777235

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1777235>

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering

Commercial data	
GTIN (EAN)	 4 017918 039400
sales group	E110
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 169 (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	8.6 mm
Pitch	5.08 mm
Dimension a	86.36 mm
Number of positions	18

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Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

**Technical data**

Range of articles	MSTBV 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 <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, GL, GOST, RS, UL, VDE-PZI

**Accessories**

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

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**Marking**

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
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**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**

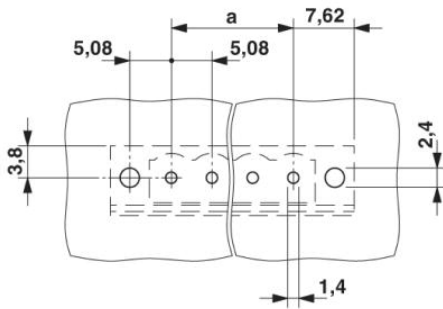
Item	Designation	Description
<b>General</b>		
1902466	FKCT 2,5/18-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1777950	FRONT-MSTB 2,5/18-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1778140	MSTB 2,5/18-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1809899	MSTBC 2,5/18-STZF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm <sup>2</sup> ] 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
1835258	MVSTBR 2,5/18-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1835067	MVSTBW 2,5/18-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1873029	ZFKK 1,5-ICV-5,08	Feed-through modular terminal block, Connection method: Special and hybrid connection, Cross section: 0.2 mm <sup>2</sup> - 2.5 mm <sup>2</sup> , Width: 5.1 mm, Color: gray

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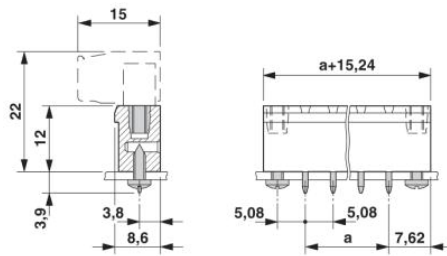
<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1777235>

**Diagrams/Drawings**

Drilling plan/solder pad geometry



Dimensioned drawing



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