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Extract from the online catalog

MSTBA 2,5/19-G-5,08


Order No.: 1757417

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: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering

Commercial data	
GTIN (EAN)	 4 017918 029944
sales group	E110
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 167 (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	5.08 mm
Dimension a	91.44 mm
Number of positions	19

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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

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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
General		
1902288	FKCT 2,5/19-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1777455	FRONT-MSTB 2,5/19-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1786572	IC 2,5/19-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1786116	ICV 2,5/19-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1757187	MSTB 2,5/19-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1808984	MSTBC 2,5/19-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, 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
1809679	MSTBC 2,5/19-STZ-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, 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
1769188	MSTBP 2,5/19-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn

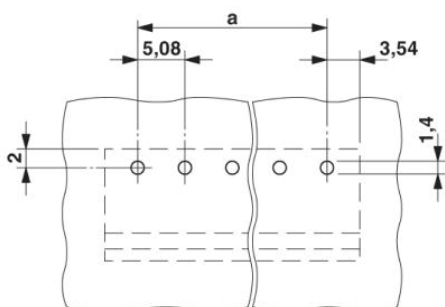
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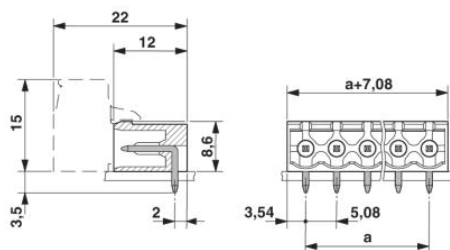
1824528	MSTBU 2,5/19-ST-5,08-FL	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting
1824298	MSTBU 2,5/19-STD-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting
1792414	MVSTBR 2,5/19-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1792922	MVSTBW 2,5/19-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1850589	SMSTB 2,5/19-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 19, Pitch: 5.08 mm, Color: green, Metal surface: Sn

Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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