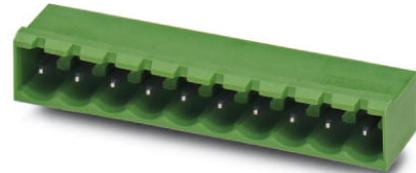


## MSTBA 2,5/ 7-G-5,08

Order No.: 1757297

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1757297>

Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm,  
no. of positions: 7, mounting: Soldering

Commercial data	
EAN	4017918029821
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.003366 KG
Catalog page information	Page 219 (CC-2007)

### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



[http://  
www.download.phoenixcontact.com](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	30.48 mm
Number of positions	7
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



#### 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
Certification	CB, CSA, CUL, GOST, UL, VDE-PZI

#### Accessories

Item	Designation	Description
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#### Assembly

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
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
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#### Additional products

Item	Designation	Description
<b>General</b>		
1872745	A-ICV 2,5/ 7-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, mounting: Mounting rail
1873100	FKC 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Spring-cage connection
1902165	FKCT 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Spring-cage connection
1874002	FKCVR 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Spring-cage connection
1873702	FKCVW 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Spring-cage connection
1777332	FRONT-MSTB 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection
1786459	IC 2,5/ 7-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, number of positions: 7, mounting type: soldering
1785997	ICV 2,5/ 7-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, number of positions: 7, mounting type: soldering
1757064	MSTB 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection

1776113	MSTB 2,5/ 7-STZ-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection
1808861	MSTBC 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Crimp connection
1809556	MSTBC 2,5/ 7-STZ-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Crimp connection
1769065	MSTBP 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection
1781030	MSTBT 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection
1824405	MSTBU 2,5/ 7-ST-5,08-FL	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection
1824175	MSTBU 2,5/ 7-STD-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection
1831362	MSTBVK 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection
1792294	MVSTBR 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection
1792809	MVSTBW 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection
1917956	QC 0,75/ 7-ST-5,08	Plug components, 5.08 mm pitch, color: green, no. of positions 7, dimension a 30.48 mm
1883307	QC 1/ 7-ST-5,08	Plug, nominal current: 10 A, rated voltage: 500 V, pitch: 5.08 mm, number of positions: 7, connection method: Insulation displacement connection QUICKON
1826335	SMSTB 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection
1853065	TMSTBP 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection
1833865	UMSTBVK 2,5/ 7-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 7, type of connection: Screw connection

## Drawings

[Drilling diagram](#)

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[Dimensioned drawing](#)

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