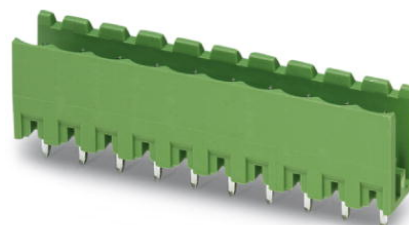


## MSTBV 2,5/ 6-G-5,08

Order No.: 1758050

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1758050>

Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm,  
no. of positions: 6, mounting: Soldering

### Commercial data

EAN	4017918030261
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.002588 KG
Catalog page information	Page 221 (CC-2007)

### 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

Pitch	5.08 mm
Dimension a	25.4 mm
Number of positions	6
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

175477	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

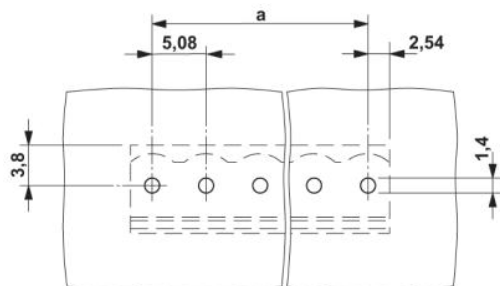
1734401	CR-MSTB	Coding section, inserted into the recess in the header or the inverted plug, red insulating material
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#### Additional products

Item	Designation	Description
<b>General</b>		
1872732	A-ICV 2,5/ 6-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, mounting: Mounting rail
1873090	FKC 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Spring-cage connection
1902152	FKCT 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Spring-cage connection
1873993	FKCVR 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Spring-cage connection
1873692	FKCVW 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Spring-cage connection
1777329	FRONT-MSTB 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1786446	IC 2,5/ 6-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, number of positions: 6, mounting type: soldering
1785984	ICV 2,5/ 6-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, number of positions: 6, mounting type: soldering
1757051	MSTB 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection

1776126	MSTB 2,5/ 6-STZ-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1808858	MSTBC 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Crimp connection
1809543	MSTBC 2,5/ 6-STZ-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Crimp connection
1769052	MSTBP 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1781027	MSTBT 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1824162	MSTBU 2,5/ 6-STD-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1831359	MSTBVK 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1792281	MVSTBR 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1792799	MVSTBW 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1917943	QC 0,75/ 6-ST-5,08	Plug components, 5.08 mm pitch, color: green, no. of positions 6, dimension a 25.40 mm
1883297	QC 1/ 6-ST-5,08	Plug, nominal current: 10 A, rated voltage: 500 V, pitch: 5.08 mm, number of positions: 6, connection method: Insulation displacement connection QUICKON
1826322	SMSTB 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1853052	TMSTBP 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1833852	UMSTBVK 2,5/ 6-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 6, type of connection: Screw connection
1873029	ZFKK 1,5-ICV-5,08	Modular terminal blocks with plug entry, cross section: 0.2 - 1.5 mm², width: 5.1 mm, color: gray

### Drilling diagram



Technical drawing of a profile with the following dimensions and tolerances:

- Overall width: 15
- Overall height: 22
- Top flange width: 12,6
- Profile length: 29,5
- Bottom flange width: 12
- Bottom flange thickness: 3,9
- Bottom flange width (inner): 3,8
- Bottom flange width (outer): 8,6
- Bottom flange thickness (inner): 2,54
- Bottom flange width (inner): 5,08
- Bottom flange width (outer):  $a + 5,08$
- Bottom flange width (inner):  $a$

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