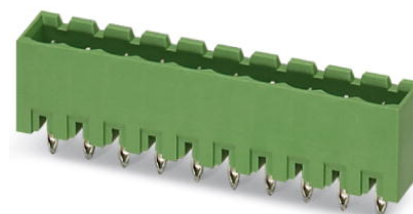


## EMSTBVA 2,5/ 5-G-5,08

Order No.: 1859548

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1859548>

Header, nominal current: 12 A, rated voltage: 200 V, pitch: 5.08 mm,  
no. of positions: 5, mounting: press in

### Commercial data

EAN	4017918132965
Pack	50 Pcs.
Customs tariff	85366990
Weight/Piece	0.00249 KG
Catalog page information	Page 217 (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	20.32 mm
Number of positions	5
Pin dimensions	1,7 mm
Hole diameter	1.75 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)	320 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Nominal voltage $U_N$	200 V
Maximum load current	12 A
Insulating material	PBT
Inflammability class acc. to UL 94	V0

#### Certificates / Approvals



#### 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, CUL, GOST, UL, VDE-PZI

#### Accessories

Item	Designation	Description
<b>Assembly</b>		
1877203	EMSTB 2,5-SH	Stamp holder, for upper and lower stamp
1877229	EMSTBVA 2,5-SS-2-5,08	Stamp set, consisting of an upper and lower stamp, upper stamp: 17 to 24-pos., lower stamp: 2 to 24-pos., pitch: 5.08 mm
1755477	MSTB-BL	Keying cap, for forming sections, plugs onto header pin, green insulating material

#### 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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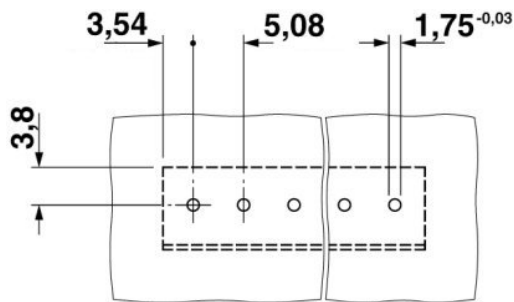
#### Additional products

Item	Designation	Description
<b>General</b>		
1872729	A-ICV 2,5/ 5-G-5,08	Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Mounting rail
1873087	FKC 2,5/ 5-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Spring-cage connection
1902149	FKCT 2,5/ 5-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Spring-cage connection
1873980	FKCVR 2,5/ 5-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Spring-cage connection
1873689	FKCVW 2,5/ 5-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Spring-cage connection
1777316	FRONT-MSTB 2,5/ 5-ST-5,08	Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection
1786433	IC 2,5/ 5-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, number of positions: 5, mounting type: soldering
1785971	ICV 2,5/ 5-G-5,08	Header, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, number of positions: 5, mounting type: soldering
1757048	MSTB 2,5/ 5-ST-5,08	Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection
1776142	MSTB 2,5/ 5-STZ-5,08	Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection
1808845	MSTBC 2,5/ 5-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Crimp connection
1809530	MSTBC 2,5/ 5-STZ-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Crimp connection
1769049	MSTBP 2,5/ 5-ST-5,08	Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection

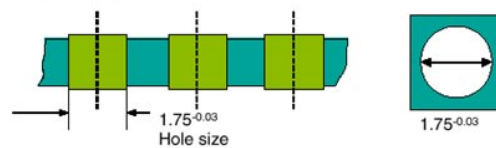
1781014	MSTBT 2,5/ 5-ST-5,08	Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection
1824159	MSTBU 2,5/ 5-STD-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Screw connection
1831346	MSTBVK 2,5/ 5-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Screw connection
1792278	MVSTBR 2,5/ 5-ST-5,08	Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection
1792786	MVSTBW 2,5/ 5-ST-5,08	Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection
1917930	QC 0,75/ 5-ST-5,08	Plug component, 5.08 mm pitch, color: green, no. of positions 5, dimension a 20.32 mm
1883284	QC 1/ 5-ST-5,08	Plug, nominal current: 10 A, rated voltage: 500 V, pitch: 5.08 mm, number of positions: 5, connection method: Insulation displacement connection QUICKON
1826319	SMSTB 2,5/ 5-ST-5,08	Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection
1853049	TMSTBP 2,5/ 5-ST-5,08	Plug with screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection
1833849	UMSTBVK 2,5/ 5-ST-5,08	Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Screw connection
1873029	ZFKK 1,5-ICV-5,08	Modular terminal blocks with plug entry, cross section: 0.2 - 1.5 mm <sup>2</sup> , width: 5.1 mm, color: gray

## Drawings

### Drilling diagram

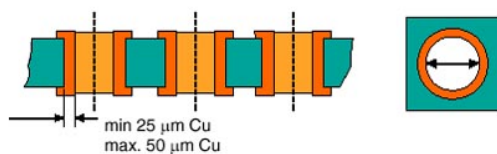


Bore hole in the basic material,  
mostly epoxy glass fabric FR4 or EP-GC

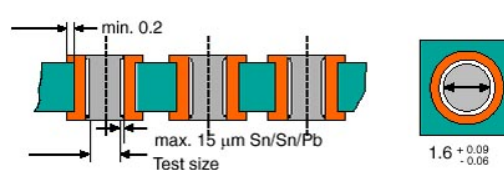


Bore hole with Cu ferrule

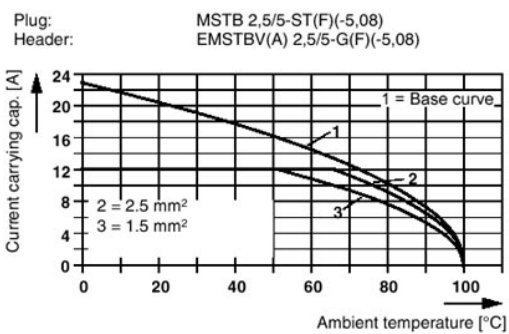
Bore hole with Cu ferrule



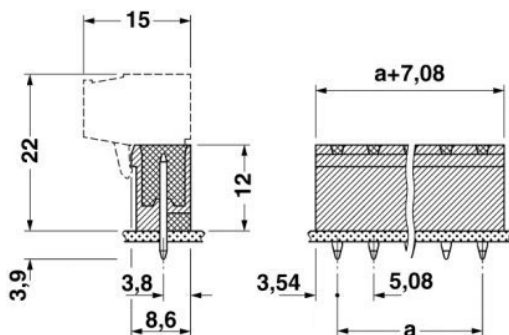
Plated-through bore hole with Sn/SnPb



## Diagram



## Dimensioned drawing



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