


## EMSTBV 2,5/ 2-GF-5,08

Order No.: 1915217

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1915217>

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

Commercial data	
GTIN (EAN)	 4 017918 182045
sales group	E115
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 247 (CC-2009)

**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	
<b>Dimensions / positions</b>	
Length	8.6 mm
Pitch	5.08 mm
Dimension a	5.08 mm
Number of positions	2

Pin dimensions	1,7 mm
Hole diameter	1.75 mm

#### Technical data

Range of articles	EMSTBV 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)	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
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, CUL, GOST, UL, VDE-PZI

#### Accessories

Item	Designation	Description
<b>Assembly</b>		
1877203	EMSTB 2,5-SH	Stamp holder, for upper and lower stamp
1877216	EMSTBVA 2,5-SS-1-5,08	Stamp set, consisting of an upper and lower stamp, upper stamp: 2 to 16-pos., lower stamp: 2 to 24-pos., pitch: 5.08 mm

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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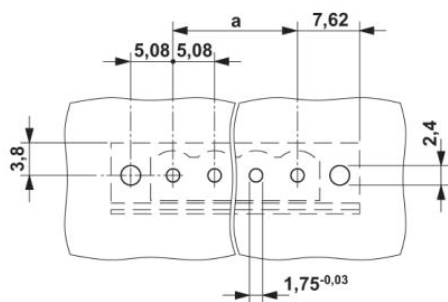
**Additional products**

Item	Designation	Description
<b>General</b>		
1873207	FKC 2,5/ 2-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1902301	FKCT 2,5/ 2-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1874109	FKCVR 2,5/ 2-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1873809	FKCVW 2,5/ 2-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1777808	FRONT-MSTB 2,5/ 2-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1777989	MSTB 2,5/ 2-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1809734	MSTBC 2,5/ 2-STZF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, 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
1805301	MSTBT 2,5/ 2-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Metal surface: Sn

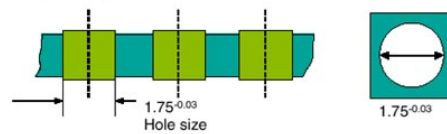
1835096	MVSTBR 2,5/ 2-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1834903	MVSTBW 2,5/ 2-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1883352	QC 1/ 2-STF-5,08	Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1853104	TMSTBP 2,5/ 2-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Metal surface: Sn, The plug allows conductors to be looped through from module to module.

**Diagrams/Drawings**

Drilling plan/solder pad geometry

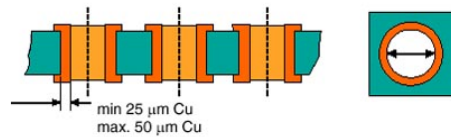


**Bore hole in the basic material,**  
 mostly epoxy glass fabric FR4 or EP-GC

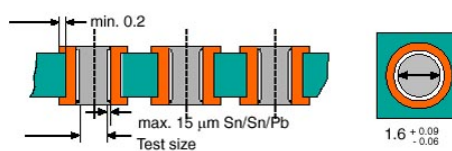


**Bore hole with Cu ferrule**

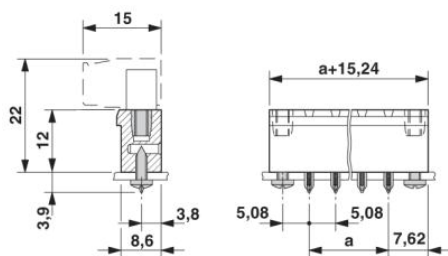
**Bore hole with Cu ferrule**



**Plated-through bore hole with Sn/SnPb**



Dimensioned drawing



**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



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