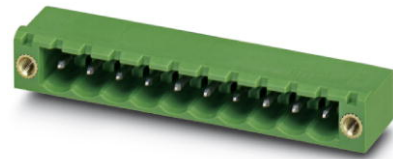


## EMSTB 2,5/ 4-GF


Order No.: 1900099

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1900099>

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Press-in

Commercial data	
GTIN (EAN)	
Note	Made-to-order
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	12 mm
Pitch	5 mm
Dimension a	15 mm
Number of positions	4

Pin dimensions	1,7 mm
Hole diameter	1.75 mm

**Technical data**

Range of articles	EMSTB 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)	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, 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**

0804183	SK 5/3,8: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**

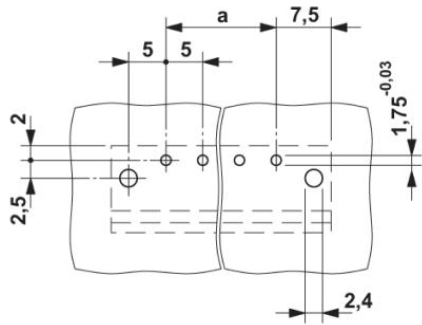
1734401	CR-MSTB	Coding section, inserted into the recess in the header or the inverted plug, red insulating material
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**Additional products**

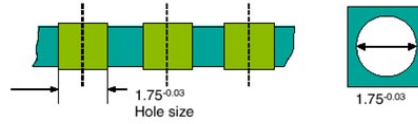
Item	Designation	Description
<b>General</b>		
1910542	FKC 2,5/ 4-STF	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Metal surface: Sn
1909427	FKCT 2,5/ 4-STF	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Metal surface: Sn
1909906	FKCVR 2,5/ 4-STF	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Metal surface: Sn
1910225	FKCVW 2,5/ 4-STF	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Metal surface: Sn
1779660	FRONT-MSTB 2,5/ 4-STF	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Metal surface: Sn
1786857	MSTB 2,5/ 4-STF	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Metal surface: Sn
1835494	MVSTBR 2,5/ 4-STF	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Metal surface: Sn
1835300	MVSTBW 2,5/ 4-STF	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Color: green, Metal surface: Sn

**Diagrams/Drawings**

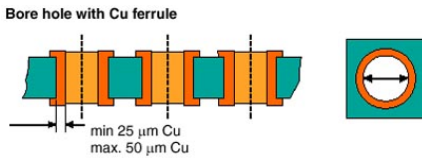
Drilling plan/solder pad geometry



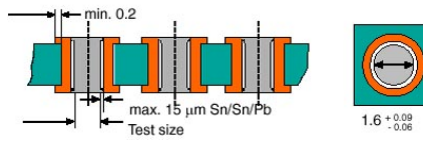
**Bore hole in the basic material,**  
 mostly epoxy glass fabric FR4 or EP-GC



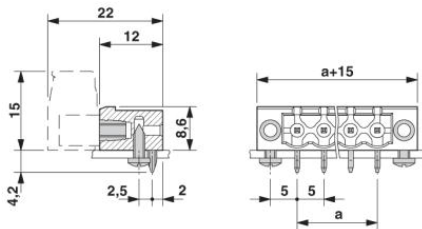
**Bore hole with Cu ferrule**



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



Dimensioned drawing



**Address**

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