

## EMSTBA 2,5/ 6-G

Order No.: 1899883

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1899883>

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

### Commercial data

GTIN (EAN)	4017918170189
Note	Made-to-order
sales group	E115
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.00314 KG
Catalog page information	Page 246 (CC-2009)

### Product notes

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

<http://www.download.phoenixcontact.com>  
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### Technical data

#### Dimensions / positions

Length	12 mm
Pitch	5 mm
Dimension a	25 mm
Number of positions	6
Pin dimensions	1,7 mm

Hole diameter	1.75 mm
<b>Technical data</b>	
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

#### 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

**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

<b>Marking</b>		
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

<b>Plug/Adapter</b>		
1734401	CR-MSTB	Coding section, inserted into the recess in the header or the inverted plug, red insulating material

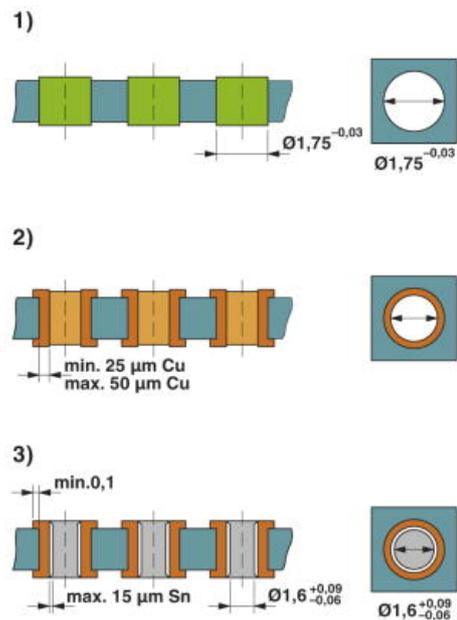
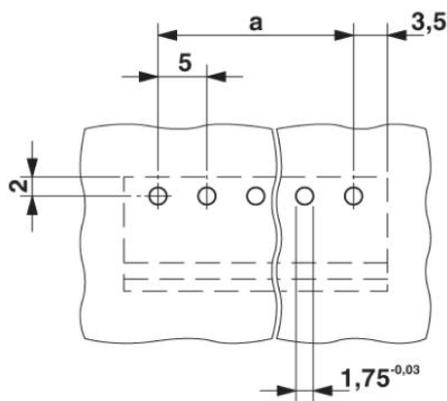
**Additional products**

Item	Designation	Description
<b>Assembly</b>		
1909252	FKCT 2,5/ 6-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5 mm, Color: green, Metal surface: Sn
<b>General</b>		
1910393	FKC 2,5/ 6-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5 mm, Color: green, Metal surface: Sn
1909757	FKCVR 2,5/ 6-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5 mm, Color: green, Metal surface: Sn
1910076	FKCVW 2,5/ 6-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5 mm, Color: green, Metal surface: Sn
1779453	FRONT-MSTB 2,5/ 6-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5 mm, Color: green, Metal surface: Sn
1754520	MSTB 2,5/ 6-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5 mm, Color: green, Metal surface: Sn
1765810	MSTBP 2,5/ 6-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5 mm, Color: green, Metal surface: Sn

1779877	MSTBT 2,5/ 6-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5 mm, Color: green, Metal surface: Sn
1792058	MVSTBR 2,5/ 6-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5 mm, Color: green, Metal surface: Sn
1792566	MVSTBW 2,5/ 6-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5 mm, Color: green, Metal surface: Sn
1768804	SMSTB 2,5/ 6-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Pitch: 5 mm, Color: green, Metal surface: Sn

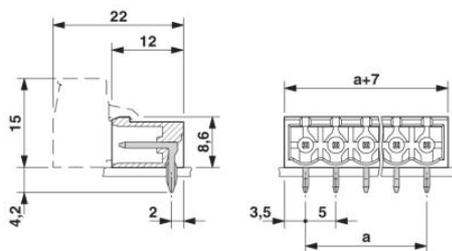
### Diagrams/Drawings

Drilling plan/solder pad geometry



Drill hole layout in FR4 or EP-GC basic material

Dimensioned drawing



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