

EMSTBA 2,5/12-G-5,08

Order No.: 1880407

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1880407>

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

Commercial data

GTIN (EAN)	 4 017918 185268
Note	Made-to-order
sales group	E115
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 246 (CC-2009)

Product notes

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



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Technical data

Dimensions / positions

Length	12 mm
Pitch	5.08 mm
Dimension a	55.88 mm
Number of positions	12

Pin dimensions	1,7 mm
Hole diameter	1.75 mm

Technical data

Range of articles	EMSTBA 2,5/...-G
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
Assembly		
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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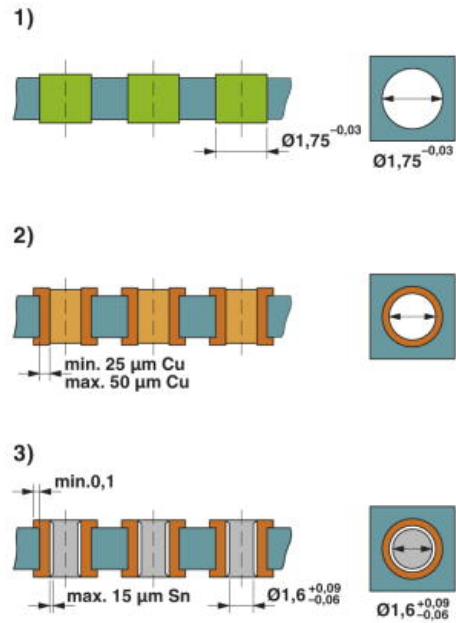
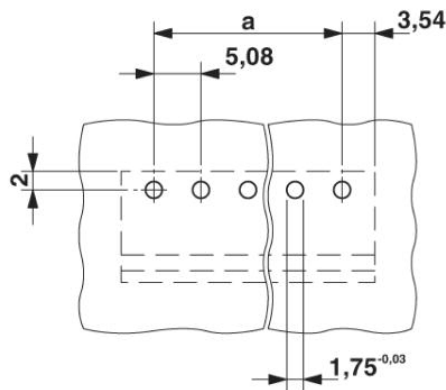
Additional products

Item	Designation	Description
General		
1872790	A-ICV 2,5/12-G-5,08	Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 12, Pitch: 5.08 mm, Color: green
1873155	FKC 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1902217	FKCT 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1874057	FKCVR 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1873757	FKCVW 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1777387	FRONT-MSTB 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1786501	IC 2,5/12-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1786048	ICV 2,5/12-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering
1757116	MSTB 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn

1764280	MSTB 2,5/12-STZ-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1808913	MSTBC 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm ²] 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
1809608	MSTBC 2,5/12-STZ-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Corresponding female crimp contacts with current [A] and conductor cross section range [mm ²] 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
1769117	MSTBP 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1781085	MSTBT 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1792346	MVSTBR 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1792854	MVSTBW 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1883705	QC 1/12-ST-5,08	Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1826380	SMSTB 2,5/12-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Metal surface: Sn

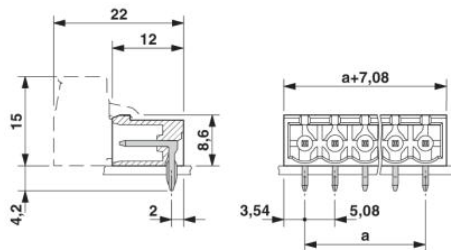
Diagrams/Drawings

Drilling plan/solder pad geometry



Drill hole layout in FR4 or EP-GC basic material

Dimensioned drawing



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