

## IC 2,5/13-G-5,08


Order No.: 1786514

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1786514>

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering

### Commercial data

GTIN (EAN)	 4 017918 042660
Note	Made-to-order
sales group	E130
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 304 (CC-2011)

### 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

Length	19 mm
Pitch	5.08 mm
Dimension a	60.96 mm
Number of positions	13
Pin dimensions	1,2 x 0,5

Hole diameter	1.4 mm
<b>Technical data</b>	
Range of articles	IC 2,5/..-G
Insulating material group	I
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)	630 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Nominal voltage $U_N$	320 V
Maximum load current	12 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Color	Green
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, CSA, CUL, GOST, UL, VDE-PZI

**Accessories**

Item	Designation	Description
<b>Plug/Adapter</b>		
1734634	CP-MSTB	Keying profile, is inserted into the slot on the plug or inverted header, red insulating material
0201744	MPS-MT	Test plugs

0201647	RPS	Reducing plug, Color: gray
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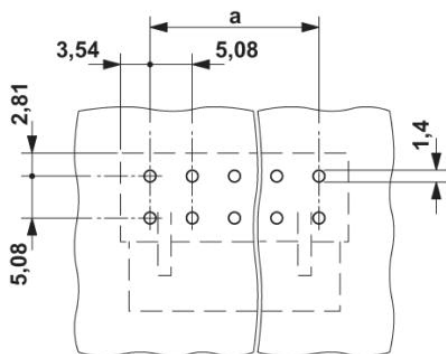
**Additional products**

Item	Designation	Description
<b>General</b>		
0707345	DFK-MSTB 2,5/13-G-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Solder/Slip-on connection, Color: Green, Assembly: Direct mounting, Accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST-5,08 and MSTBT 2,5/...ST-5,08.
1898949	DFK-MSTBA 2,5/13-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering
1899249	DFK-MSTBVA 2,5/13-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering
1880410	EMSTBA 2,5/13-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Press-in
1859629	EMSTBVA 2,5/13-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Press-in
1873469	FKIC 2,5/13-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: Green
1786284	IC 2,5/13-ST-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Screw connection, Color: Green
1823956	ICC 2,5/13-STZ-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Connection method: Crimp connection, Color: Green, Corresponding male crimp contacts with current [A] and conductor cross section range [mm²] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte
1762473	MDSTB 2,5/13-G1-5,08	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!
1762619	MDSTBV 2,5/13-G1-5,08	Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering, In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

1759127	MSTB 2,5/13-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering
1770821	MSTB 2,5/13-G-5,08-LA	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering
1757352	MSTBA 2,5/13-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering
1768053	MSTBA 2,5/13-G-5,08-LA	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering
1758128	MSTBV 2,5/13-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering
1808573	MSTBV 2,5/13-GEH-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering
1755846	MSTBVA 2,5/13-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering
1735772	MSTBW 2,5/13-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering
1769573	SMSTB 2,5/13-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering
1767481	SMSTBA 2,5/13-G-5,08	Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: Green, Assembly: Soldering

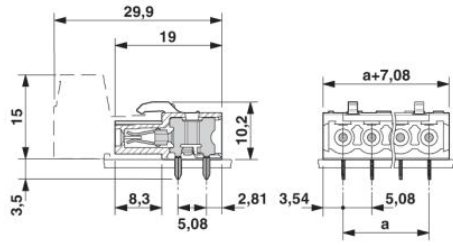
**Diagrams/Drawings**

Drilling plan/solder pad geometry



Dimensioned drawing

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