

## DFK-MSTB 2,5/14-G


Order No.: 0707219

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=0707219>

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting, Accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/...ST and MSTBT 2,5/...ST.

### Commercial data

GTIN (EAN)	
Note	Made-to-order
sales group	E120
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 284 (CC-2009)

### Product notes

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



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### Technical data

#### Dimensions / positions

Pitch	5 mm
Dimension a	65 mm
Number of positions	14

#### Technical data

Range of articles	DFK-MSTB 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
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Inflammability class acc. to UL 94	V2
Max. current slip-on connection	8 A
Dimensions of slip-on connection	2,8 x 0,8 mm

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

#### Certificates / Approvals



Certification

CB, CSA, CUL, GOST, UL, VDE-PZI

**Accessories**

Item	Designation	Description
<b>Assembly</b>		
5030172	DFK-MSTB-R	Locking latch, red insulating material, for housings MSTB 2.5/...ST and MSTBT 2.5/...ST
0708263	DFK-MSTB-SS	Screw set, for securing the header to the device wall, consists of an M3 x 10 screw, with a spring washer and a nut
1755477	MSTB-BL	Keying cap, for forming sections, plugs onto header pin, green insulating material
<b>Plug/Adapter</b>		
1734401	CR-MSTB	Coding section, inserted into the recess in the header or the inverted plug, red insulating material

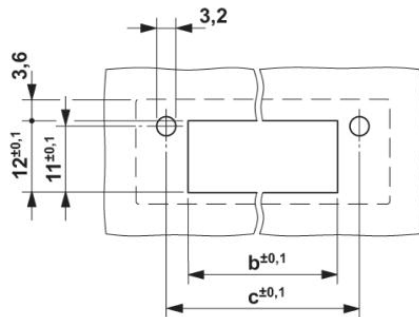
**Additional products**

Item	Designation	Description
<b>Assembly</b>		
1909333	FKCT 2,5/14-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn
<b>General</b>		
1910474	FKC 2,5/14-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn
1909838	FKCVR 2,5/14-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn
1910157	FKCVW 2,5/14-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn
1779534	FRONT-MSTB 2,5/14-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn
1754685	MSTB 2,5/14-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn
1759376	MSTB 2,5/14-STZ	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn

1765894	MSTBP 2,5/14-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn
1779958	MSTBT 2,5/14-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn
1792139	MVSTBR 2,5/14-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn
1792647	MVSTBW 2,5/14-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn
1768875	SMSTB 2,5/14-ST	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 14, Pitch: 5 mm, Color: green, Metal surface: Sn

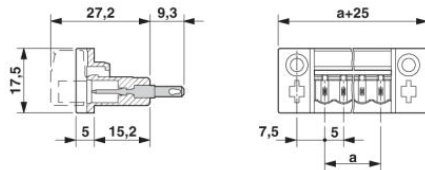
### Diagrams/Drawings

#### Drilling plan/solder pad geometry



Dimension b=2.7 mm + (no. of pos. x 5.0 mm)  
 Dimension c = Dim. b + 7.3 mm

#### Dimensioned drawing



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