

DFK-MSTB 2,5/13-G

Order No.: 0707206

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=0707206>

Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Nom. voltage: 320 V, Pitch: 5 mm, Number of positions: 13, Color: green, Assembly: Direct mounting

Commercial data	
EAN	4017918003975
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.01294 KG
Catalog page information	Page 284 (CC-2009)

Product notesWEEE/RoHS-compliant since:
01/01/2003

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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	
Pitch	5 mm
Dimension a	60 mm
Number of positions	13

Technical data

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

Certificates / Approvals



Certification

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

CSA

Nominal voltage U_N	300 V
Nominal current I_N	10 A

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
Assembly		
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

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
Assembly		
1909320	FKCT 2,5/13-ST	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Spring-cage conn., Color: green

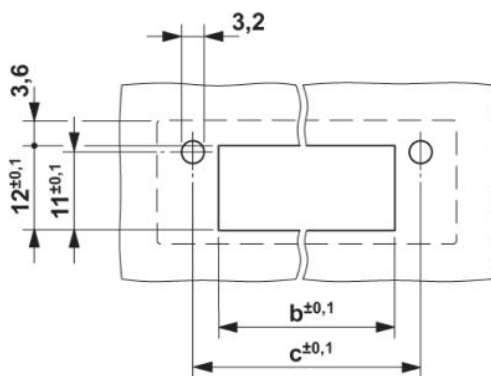
General

1910461	FKC 2,5/13-ST	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Spring-cage conn., Color: green
1909825	FKCVR 2,5/13-ST	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Spring-cage conn.
1910144	FKCVW 2,5/13-ST	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Spring-cage conn.

1779521	FRONT-MSTB 2,5/13-ST	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Screw connection, Color: green
1754669	MSTB 2,5/13-ST	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Screw connection, Color: green
1759363	MSTB 2,5/13-STZ	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Screw connection, Color: green
1765881	MSTBP 2,5/13-ST	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Screw connection, Color: green
1779945	MSTBT 2,5/13-ST	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Screw connection, Color: green
1792126	MVSTBR 2,5/13-ST	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Screw connection, Color: green
1792634	MVSTBW 2,5/13-ST	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Screw connection, Color: green
1768862	SMSTB 2,5/13-ST	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5 mm, Number of positions: 13, Connection type: Screw connection, Color: green

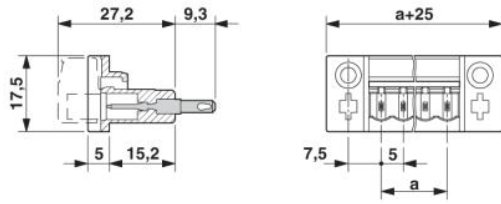
Diagrams/Drawings

Drilling plan/solder pad geometry



Dimension $b = 2.7 \text{ mm} + (\text{no. of pos.} \times 5.0 \text{ mm})$
 Dimension $c = \text{Dim. } b + 7.3 \text{ mm}$

Dimensioned drawing



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