

DFK-MSTB 2,5/ 2-G-5,08

Order No.: 0707248

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=0707248>

Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Color: green, Assembly: Direct mounting

Commercial data

EAN	4017918004019
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.003543 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	5.08 mm
Dimension a	5.08 mm
Number of positions	2

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

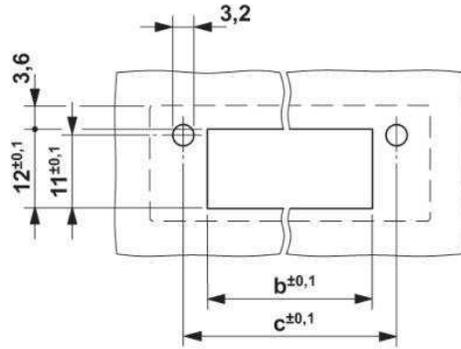
Additional products

Item	Designation	Description
General		
1872693	A-ICV 2,5/ 2-G-5,08	Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 2, Pitch: 5.08 mm, Color: green
1873058	FKC 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Spring-cage conn., Color: green
1902110	FKCT 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Spring-cage conn., Color: green
1873951	FKCVR 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Spring-cage conn., Color: green
1873650	FKCVW 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Spring-cage conn., Color: green

1777280	FRONT-MSTB 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1786404	IC 2,5/ 2-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Color: green, Assembly: Soldering
1785942	ICV 2,5/ 2-G-5,08	Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Color: green, Assembly: Soldering
1757019	MSTB 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1808816	MSTBC 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Crimp connection, Color: green
1809501	MSTBC 2,5/ 2-STZ-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Crimp connection, Color: green
1769010	MSTBP 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1779987	MSTBT 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1792249	MVSTBR 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1792757	MVSTBW 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1883255	QC 1/ 2-ST-5,08	Plug component, Nominal current: 10 A, Nom. voltage: 500 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Insulation displacement connection QUICKON, Color: green
1826283	SMSTB 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green
1853010	TMSTBP 2,5/ 2-ST-5,08	Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2, Connection type: Screw connection, Color: green

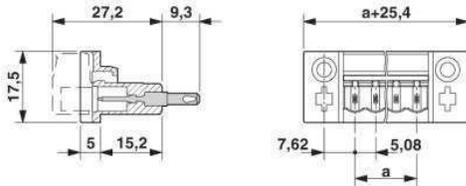
Diagrams/Drawings

Drilling plan/solder pad geometry



Dimension $b = 3.02 \text{ mm} + (\text{no. of pos.} \times 5.08 \text{ mm})$
Dimension $c = \text{Dim. } b + 7.14 \text{ mm}$

Dimensioned drawing



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