

DFK-MSTB 2,5/13-GF-5,08


Order No.: 0710280

The figure shows a 10-position version of the product



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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting

Commercial data	
GTIN (EAN)	
Note	Made-to-order
sales group	E120
Pack	50 pcs.
Customs tariff	85366990
Catalog page information	Page 285 (CC-2009)

Product notes

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



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Technical data	
Dimensions / positions	
Pitch	5.08 mm
Dimension a	60.96 mm
Number of positions	13

Technical data

Range of articles	DFK-MSTB 2,5/...-GF
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

Accessories

Item	Designation	Description
Assembly		
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

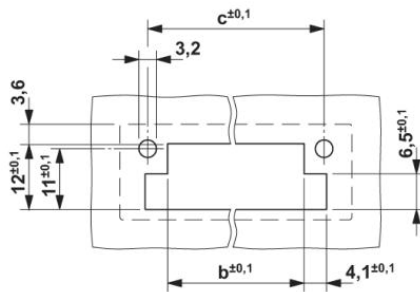
Additional products

Item	Designation	Description
General		
1873317	FKC 2,5/13-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1902411	FKCT 2,5/13-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1874219	FKCVR 2,5/13-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1873919	FKCVW 2,5/13-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1777905	FRONT-MSTB 2,5/13-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1778098	MSTB 2,5/13-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1809844	MSTBC 2,5/13-STZF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, 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
1805408	MSTBT 2,5/13-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Metal surface: Sn

1835203	MVSTBR 2,5/13-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1835012	MVSTBW 2,5/13-STF-5,08	Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Metal surface: Sn
1883857	QC 1/13-STF-5,08	Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 13, Pitch: 5.08 mm, Color: green, Metal surface: Sn

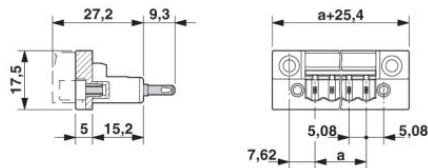
Diagrams/Drawings

Drilling plan/solder pad geometry



Dimension b = 3.02 mm + (no. of pos. x 5.08 mm)
 Dimension c = Dim. b + 7.14 mm

Dimensioned drawing



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