

Base strip - DFK-MSTB 2,5/ 7-G - 0707154

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting, Accessory order no. 5030172 can only be used in conjunction with MSTB 2,5/..ST and MSTBT 2,5/..ST.

The figure shows a 10-position version of the product

Product Features

- Can be fixed in housing panels up to 6 mm thick using two M3 x 10 screws
- Outside: plug-in connection for corresponding MSTB 2,5 or FKC 2,5 plugs
- Headers for assembly in a device/housing panel
- Inside: solder or 2.8 mm slip-on plug-in connection that can be combined



Key commercial data

Packing unit	1 PCE
GTIN	 4 017918 003920
Weight per Piece (excluding packing)	7.62 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Pitch	5 mm
Dimension a	30 mm

General

Range of articles	DFK-MSTB 2,5/..-G
Insulating material group	I
Rated surge voltage (III/3)	4 kV

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Technical data

General

Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	320 V
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 cross section	2.5 mm ²
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V2
Number of positions	7

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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

ETIM

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

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Classifications

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

Approvals

CSA / UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / GOST / IEC66 CB Scheme / GOST / CSA / CCA / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA 		
	B	D
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

UL Recognized 		
	B	D
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

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Approvals

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	12 A
Nominal voltage UN	250 V

cUL Recognized 	
B	D
Nominal current IN	15 A
Nominal voltage UN	300 V

GOST 	
--	--

IECEE CB Scheme 	
Nominal current IN	12 A
Nominal voltage UN	250 V

GOST 	
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CSA 	
B	D
Nominal current IN	10 A
Nominal voltage UN	300 V

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Approvals

CCA	
Nominal current IN	12 A
Nominal voltage UN	250 V



Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

Filler plug

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

Mounting material

Screw set - DFK-MSTB-SS - 0708263



Screw set, for securing the header to the device wall, consists of an M3 x 10 screw, with a spring washer and a nut

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Accessories

Accessories - DFK-MSTB-R - 5030172



Locking latch, red insulating material, for housings MSTB 2.5/...ST and MSTBT 2.5/...ST

Additional products

Printed-circuit board connector - FKCT 2,5/ 7-ST - 1909265



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - FKC 2,5/ 7-ST - 1910403



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 7-ST - 1754546



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/ 7-ST - 1792579



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - MSTBT 2,5/ 7-ST - 1779880



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - SMSTB 2,5/ 7-ST - 1768817



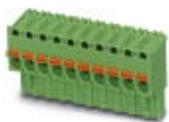
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 7-ST - 1910089



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 7-ST - 1909760



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/ 7-ST - 1765823



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - MVSTBR 2,5/ 7-ST - 1792061



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

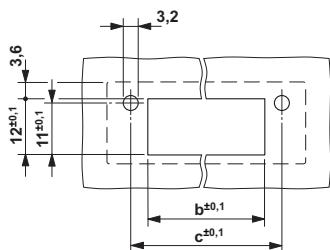
Printed-circuit board connector - FRONT-MSTB 2,5/ 7-ST - 1779466



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 7, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Drawings

Drilling diagram



Dimension b: 2.7 mm + (no. of pos. x 5.0 mm)

Dimension c: Dim. b + 7.3 mm

Dimensioned drawing

