

## Base strip - DFK-MSTB 2,5/16-GF - 0710167

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting


The figure shows a 10-position version of the product

### Product Features

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



### Key commercial data

Packing unit	1 PCE
GTIN	 4 017918 005191
Weight per Piece (excluding packing)	15.86 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Pitch	5 mm
Dimension a	75 mm

#### General

Range of articles	DFK-MSTB 2,5/...-GF
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
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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 <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V2
Number of positions	16

#### 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

### 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 / IECCE CB Scheme / GOST / GOST / CSA / CCA / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

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

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

# Base strip - DFK-MSTB 2,5/16-GF - 0710167

## Approvals

VDE Gutachten mit Fertigungsüberwachung

Nominal current IN	12 A
Nominal voltage UN	250 V

cUL Recognized

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

IECEE CB Scheme

Nominal current IN	12 A
Nominal voltage UN	250 V

GOST

GOST

CSA

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

## Base strip - DFK-MSTB 2,5/16-GF - 0710167

### Approvals

CCA	
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	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

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#### Filler plug

Accessories - MSTB-BL - 1755477



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

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#### 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

#### Additional products

Printed-circuit board connector - MVSTBW 2,5/16-STF - 1835423



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MVSTBR 2,5/16-STF - 1835614



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/16-STF - 1786970



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCVW 2,5/16-STF - 1910348



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

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Printed-circuit board connector - FRONT-MSTB 2,5/16-STF - 1779783



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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## Base strip - DFK-MSTB 2,5/16-GF - 0710167

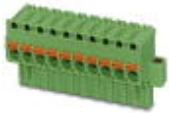
### Accessories

Printed-circuit board connector - FKCT 2,5/16-STF - 1909540



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

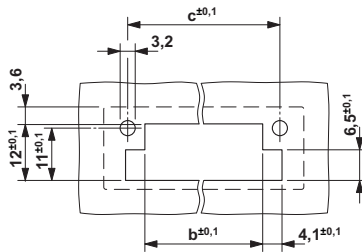
Printed-circuit board connector - FKCVR 2,5/16-STF - 1910021



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 16, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

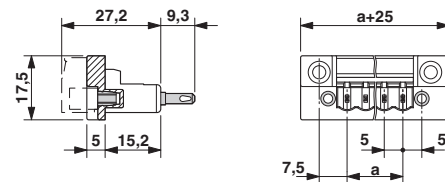
### Drawings

Drilling diagram



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

Dimensioned drawing





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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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