

## Base strip - DFK-MSTB 2,5/ 2-GF-5,08 - 0710170

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 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 description


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Assembly: Direct mounting

### Why buy this product

- 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
- 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
Minimum order quantity	50
Catalog page	Page 325 (CC-2011)
GTIN	 4 017918 005207
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	3.51 GRM
Country of origin	GERMANY

### Technical data

#### Dimensions / positions

Pitch	5.08 mm
Dimension a	5.08 mm
Number of positions	2

#### Technical data

Range of articles	DFK-MSTB 2,5/...-GF
Insulating material group	I

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### Technical data

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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 <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	320 V
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	12 A
Insulating material	PA
Inflammability class according to UL 94	V2
Nominal voltage, UL/CUL Use Group B	250 V
Nominal current, UL/CUL Use Group B	12 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

#### 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

#### eclass

eClass 4.0	272607xx
eClass 4.1	27260701
eClass 5.0	27260701
eClass 5.1	27141190
eClass 6.0	27260704

#### etim

ETIM 3.0	EC001283
ETIM 4.0	EC001283

#### unspsc

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

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## Classifications

unspsc

UNSPSC 13.2	39121409
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## Approvals

### Certificates

#### Certification

CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / IEC CB Scheme / GOST / cULus Recognized

#### Certification EX

#### Certification submitted

## Approval details

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

UL Recognized		
	B	D
Nominal current IN	12 A	10 A
Nominal voltage UN	250 V	300 V

VDE report with production monitoring	
Nominal current IN	12 A
Nominal voltage UN	250 V

cUL Recognized		
	B	D
Nominal current IN	12 A	10 A
Nominal voltage UN	250 V	300 V

GOST
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### Approvals

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

GOST
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cULus Recognized
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### Accessories

#### Accessories

#### Assembly

#### 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



#### Accessories - MSTB-BL - 1755477

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



#### Plug/Adapter

#### Keying star - CR-MSTB - 1734401

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



#### Additional products

## Base strip - DFK-MSTB 2,5/ 2-GF-5,08 - 0710170

### Accessories

Printed-circuit board connector - QC 1/ 2-STF-5,08 - 1883352

Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - MSTBT 2,5/ 2-STF-5,08 - 1805301

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - FKCVW 2,5/ 2-STF-5,08 - 1873809

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - MVSTBR 2,5/ 2-STF-5,08 - 1835096

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - MVSTBW 2,5/ 2-STF-5,08 - 1834903

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - MSTBC 2,5/ 2-STZF-5,08 - 1809734

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



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### Accessories

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Printed-circuit board connector - MSTB 2,5/ 2-STF-5,08 - 1777989

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - FKC 2,5/ 2-STF-5,08 - 1873207

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - FKCT 2,5/ 2-STF-5,08 - 1902301

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



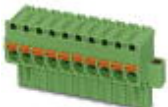
Printed-circuit board connector - FRONT-MSTB 2,5/ 2-STF-5,08 - 1777808

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



Printed-circuit board connector - FKCVR 2,5/ 2-STF-5,08 - 1874109

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me



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## Accessories

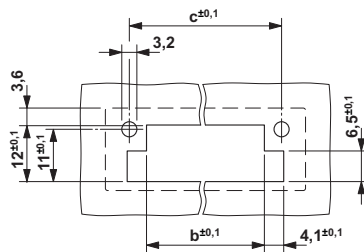
Printed-circuit board connector - TMSTBP 2,5/ 2-STF-5,08 - 1853104

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection me

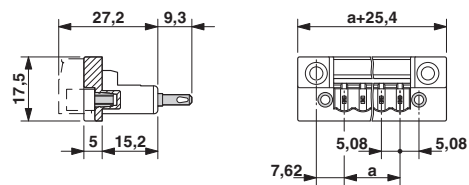


## Drawings

Drilling diagram



Dimensioned drawing



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

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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