

## Base strip - DFK-MSTBA 2.5/10-GF-5.08 - 1899061

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

### Why buy this product

- Outside: plug-in connection for the corresponding MSTB 2,5 or FKC 2,5 plugs
- Inside: with horizontal or vertical solder connection
- Inside of the housing is protected against dust by the seal provided
- Headers for assembly in a device/housing panel
- Mounting from the inside of the device through the housing panel



### Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 327 (CC-2011)
GTIN	 4 017918 186531
Custom tariff number	85366990
Country of origin	POLAND

### Technical data

#### Dimensions / positions

Length	12 mm
Pitch	5.08 mm
Dimension a	45.72 mm
Number of positions	10

#### Technical data

Range of articles	DFK-MSTBA 2,5/..-GF
Insulating material group	IIIa
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV

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## Technical data

### Technical data

Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V
Maximum load current	12 A
Insulating material	PBT
Inflammability class according to UL 94	V0
Color	green
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	15 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	15 A

## Classifications

### eclass

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

### etim

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

### unspsc

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

## Approvals

### Approvals

#### Approvals

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


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## Approvals


Ex Approvals


Approvals submitted

### Approval details

UL Recognized 		
	B	D
Nominal current I <sub>N</sub>	15 A	15 A
Nominal voltage U <sub>N</sub>	300 V	150 V

VDE report with production monitoring 	
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized 		
	B	D
Nominal current I <sub>N</sub>	15 A	15 A
Nominal voltage U <sub>N</sub>	300 V	150 V


GOST 
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IECEE CB Scheme	
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V

GOST 
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### Approvals

cULus Recognized 

### Accessories

Accessories

Assembly

Accessories - MSTB-BL - 1755477



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

### 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

Printed-circuit board connector - MSTBT 2,5/10-STF-5,08 - 1805372

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



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### Accessories

#### Printed-circuit board connector - MVSTBR 2,5/10-STF-5,08 - 1835177



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - TMSTBP 2,5/10-STF-5,08 - 1853188



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module.

#### Printed-circuit board connector - MSTBC 2,5/10-STZF-5,08 - 1809815



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] 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

#### Printed-circuit board connector - MSTB 2,5/10-STF-5,08 - 1778069



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - FRONT-MSTB 2,5/10-STF-5,08 - 1777879



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - QC 1/10-STF-5,08 - 1883433



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

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### Accessories

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Printed-circuit board connector - FKCVR 2,5/10-STF-5,08 - 1874183



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

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Printed-circuit board connector - MVSTBW 2,5/10-STF-5,08 - 1834987



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCT 2,5/10-STF-5,08 - 1902385



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCVW 2,5/10-STF-5,08 - 1873883



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

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Printed-circuit board connector - FKC 2,5/10-STF-5,08 - 1873281



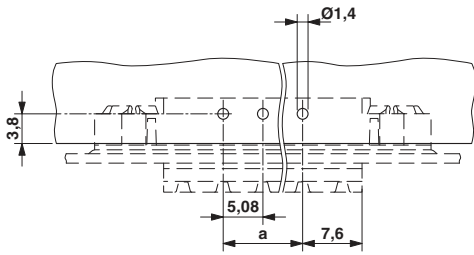
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 10, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

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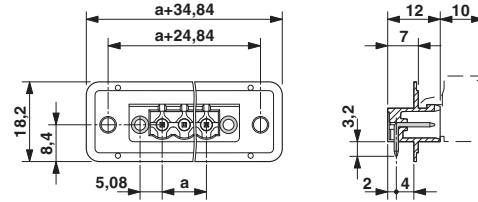
### Drawings

# Base strip - DFK-MSTBA 2.5/10-GF-5.08 - 1899061

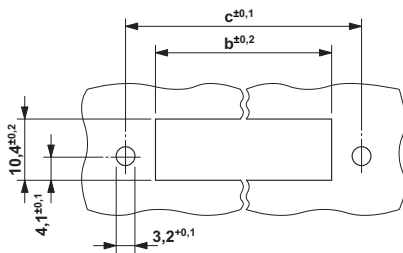
Drilling diagram



Dimensioned drawing



Dimensioned drawing



Dimension b: 10.49 mm + (no. of pos. x 5.08 mm)  
Dimension c: Dim. b + 9.27 mm