

## Base strip - DFK-MSTBA 2,5/ 6-G-5,08 - 1898871

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Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

The figure shows a 10-position version of the product

### Why buy this product

- ✓ Cable connection on the inside of the device enables flexible positioning of the panel feed-through
- ✓ Free choice – permanent solder connection or standardized slip-on connection
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 017918 186043
GTIN	4017918186043
Weight per Piece (excluding packing)	5.420 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Length [ l ]	12 mm
Pitch	5.08 mm
Dimension a	25.4 mm
Constructional height	19 mm

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## Technical data

### Dimensions

Length of the solder pin	3.2 mm
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### General

Range of articles	DFK-MSTBA 2,5/..-G
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
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	6

### Standards and Regulations

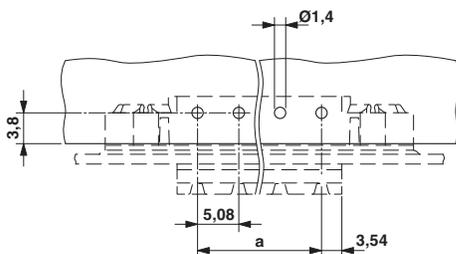
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

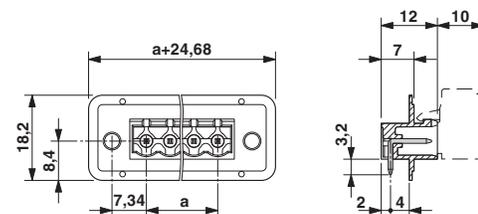
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Drilling diagram

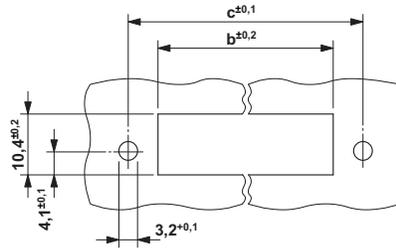


Dimensional drawing



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Dimensional drawing



Dimension b: 2.38 mm + (no. of pos. x 5.08 mm)

Dimension c: Dim. b + 7.22 mm

### 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	27141134
eCl@ss 9.0	27141134

ETIM

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283
ETIM 6.0	EC001283

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121410

### Approvals

Approvals

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## Approvals

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VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / cULus Recognized / EAC

Ex Approvals

### Approval details

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a>	40004701
Nominal current I <sub>N</sub>	12 A		
Nominal voltage U <sub>N</sub>	250 V		

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58978-B1B2
Nominal current I <sub>N</sub>	12 A		
Nominal voltage U <sub>N</sub>	250 V		

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931011
	B	D	
Nominal current I <sub>N</sub>	15 A	10 A	
Nominal voltage U <sub>N</sub>	300 V	300 V	

EAC		B.01742
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## Accessories

Accessories

Coding element

## Base strip - DFK-MSTBA 2,5/ 6-G-5,08 - 1898871

### Accessories

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

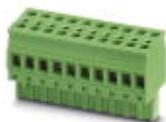


Screw set, for securing the header to the device wall, consists of an M3 x 10 screw, with a spring washer and a nut

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### Additional products

Printed-circuit board connector - TVMSTB 2,5/ 6-ST-5,08 - 1719040



Plug component, nominal current: 12 A, rated voltage (III/2): 400 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

## Base strip - DFK-MSTBA 2,5/ 6-G-5,08 - 1898871

### Accessories

Printed-circuit board connector - FKCN 2,5/ 6-ST-5,08 - 1754607

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



Printed-circuit board connector - MSTB 2,5/ 6-ST-5,08 - 1757051

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MSTBP 2,5/ 6-ST-5,08 - 1769052

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MSTB 2,5/ 6-STZ-5,08 - 1776126

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - FRONT-MSTB 2,5/ 6-ST-5,08 - 1777329

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Front screw connection, color: green, contact surface: Tin



## Base strip - DFK-MSTBA 2,5/ 6-G-5,08 - 1898871

### Accessories

#### Printed-circuit board connector - MSTBT 2,5/ 6-ST-5,08 - 1781027



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Printed-circuit board connector - MVSTBR 2,5/ 6-ST-5,08 - 1792281



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Printed-circuit board connector - MVSTBW 2,5/ 6-ST-5,08 - 1792799



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

#### Printed-circuit board connector - MSTBC 2,5/ 6-ST-5,08 - 1808858



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, 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 - MSTBC 2,5/ 6-STZ-5,08 - 1809543



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, 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

## Base strip - DFK-MSTBA 2,5/ 6-G-5,08 - 1898871

### Accessories

Printed-circuit board connector - MSTBU 2,5/ 6-STD-5,08 - 1824162



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: Direct mounting

Printed-circuit board connector - MSTBU 2,5/ 6-ST-5,08-FL - 1824395



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: Direct mounting

Printed-circuit board connector - SMSTB 2,5/ 6-ST-5,08 - 1826322



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MSTBVK 2,5/ 6-ST-5,08 - 1831359



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: DIN rail

Printed-circuit board connector - UMSTBVK 2,5/ 6-ST-5,08 - 1833852



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, mounting: DIN rail

## Base strip - DFK-MSTBA 2,5/ 6-G-5,08 - 1898871

### Accessories

#### Printed-circuit board connector - TMSTBP 2,5/ 6-ST-5,08 - 1853052



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin, The plug allows conductors to be looped through from module to module.

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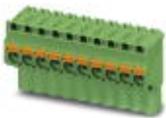
#### Printed-circuit board connector - FKC 2,5/ 6-ST-5,08 - 1873090



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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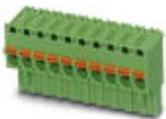
#### Printed-circuit board connector - FKCVW 2,5/ 6-ST-5,08 - 1873692



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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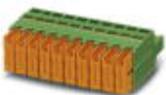
#### Printed-circuit board connector - FKCVR 2,5/ 6-ST-5,08 - 1873993



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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#### Printed-circuit board connector - QC 1/ 6-ST-5,08 - 1883297



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 6, pitch: 5.08 mm, connection method: Displacement connection, color: green, contact surface: Tin

## Base strip - DFK-MSTBA 2,5/ 6-G-5,08 - 1898871

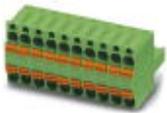
### Accessories

Printed-circuit board connector - FKCT 2,5/ 6-ST-5,08 - 1902152



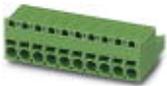
Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - TFKC 2,5/ 6-ST-5,08 - 1962642



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCS 2,5/ 6-ST-5,08 - 1975118



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin