

## Base strip - MSTB 2,5/ 9-G-5,08 - 1759088

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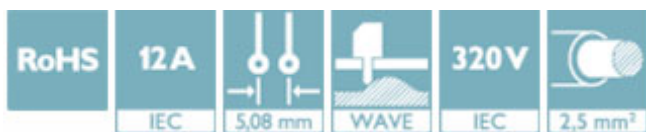
Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, Color: green, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

### Why buy this product

- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- Easy PCB replacement thanks to plug-in modules
- Well-known mounting principle allows worldwide use
- Plug-in direction parallel to the PCB
- Items that can be aligned in various pitches support flexible and space-saving PCB assembly



### Key Commercial Data

Packing unit	100 STK
GTIN	
GTIN	4017918030551
Weight per Piece (excluding packing)	3.240 g
Custom tariff number	85366930
Country of origin	Germany

### Technical data

#### Dimensions

Length [ l ]	12 mm
Pitch	5.08 mm
Dimension a	40.64 mm
Width [ w ]	45.72 mm
Constructional height	8.6 mm
Height [ h ]	12.1 mm
Length of the solder pin	3.5 mm

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## Technical data

### Dimensions

Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

### General

Range of articles	MSTB 2,5/..-G
Insulating material group	I
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	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	9

### Standards and Regulations

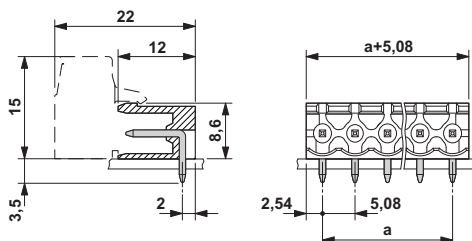
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

### Environmental Product Compliance

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

## Drawings

Dimensional drawing



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## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

### UNSPSC

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

## Approvals


### Approvals

#### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / cULus Recognized / EAC

#### Ex Approvals

### Approval details

CSA		13631
	B	D
Nominal current I <sub>N</sub>	10 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

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## Approvals

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 IN	12 A		
Nominal voltage UN	250 V		

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-58978-B1B2
Nominal current IN	12 A		
Nominal voltage UN	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 IN	15 A	15 A	
Nominal voltage UN	300 V	150 V	

EAC		B.01742
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## 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

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### Accessories

Accessories - MSTB-BL - 1755477



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

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### Flange

Accessories - MSTB-BF - 1759981



Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.

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### Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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### Terminal marking

Marker card - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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## Base strip - MSTB 2,5/ 9-G-5,08 - 1759088

### Accessories

#### Additional products

Printed-circuit board connector - TVMSTB 2,5/ 9-ST-5,08 - 1719079



Plug component, nominal current: 12 A, rated voltage (III/2): 400 V, number of positions: 9, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Plug - MSTBT 2,5/ 9-ST-5,08 - 1734207



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - FKCN 2,5/ 9-ST-5,08 - 1754636



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 9-ST-5,08 - 1757080



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 9-STZ-5,08 - 1764316



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

## Base strip - MSTB 2,5/ 9-G-5,08 - 1759088

### Accessories

Printed-circuit board connector - MSTBP 2,5/ 9-ST-5,08 - 1769081



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/ 9-ST-5,08 - 1777358



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Front screw connection, Color: green, contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5/ 9-ST-5,08 - 1792317



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/ 9-ST-5,08 - 1792825



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - MSTBC 2,5/ 9-ST-5,08 - 1808887



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, 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

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### Accessories

#### Printed-circuit board connector - MSTBC 2,5/ 9-STZ-5,08 - 1809572



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, 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 - MSTBU 2,5/ 9-STD-5,08 - 1824191



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, 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/ 9-ST-5,08-FL - 1824421



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, 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/ 9-ST-5,08 - 1826351



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

#### Printed-circuit board connector - MSTBVK 2,5/ 9-ST-5,08 - 1831388



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, mounting: DIN rail



## Base strip - MSTB 2,5/ 9-G-5,08 - 1759088

### Accessories

Printed-circuit board connector - UMSTBVK 2,5/ 9-ST-5,08 - 1833881



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, mounting: DIN rail

Printed-circuit board connector - TMSTBP 2,5/ 9-ST-5,08 - 1853081



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, 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.

Printed-circuit board connector - FKC 2,5/ 9-ST-5,08 - 1873126



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 9-ST-5,08 - 1873728



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 9-ST-5,08 - 1874028

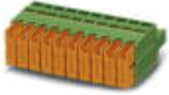


Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

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### Accessories

Printed-circuit board connector - QC 1/ 9-ST-5,08 - 1883323



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 9, pitch: 5.08 mm, connection method: Displacement connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 9-ST-5,08 - 1902181



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - TFKC 2,5/ 9-ST-5,08 - 1962671



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCS 2,5/ 9-ST-5,08 - 1975147



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin