

## Base strip - MSTB 2,5/ 9-GF-5,08 - 1776579

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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
- ✓ Screwable flange for superior mechanical stability



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 038748
GTIN	4017918038748
Weight per Piece (excluding packing)	5.400 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 ]	55.88 mm

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### Technical data

#### Dimensions

Constructional height	8.6 mm
Height [ h ]	12.1 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

#### General

Range of articles	MSTB 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
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 <sub>N</sub>	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	9

#### Standards and Regulations

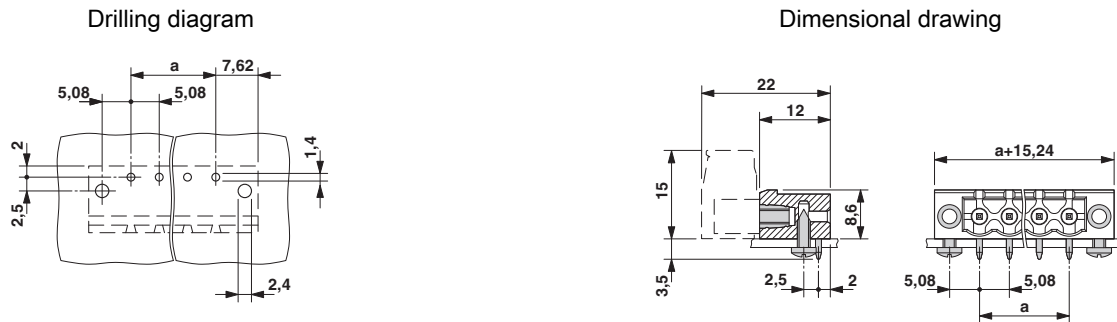
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

## Base strip - MSTB 2,5/ 9-GF-5,08 - 1776579



### 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

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CSA / VDE Gutachten mit Fertigungsüberwachung / RS / IEC60384-1 CB Scheme / cULus Recognized / EAC / DNV GL


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### Approvals

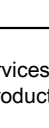
Ex Approvals


#### Approval details

CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
		B	D
Nominal current IN		10 A	10 A
Nominal voltage UN		300 V	300 V

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	

RS		<a href="http://www.rs-head.spb.ru/en/index.php">http://www.rs-head.spb.ru/en/index.php</a>	10.04059.250
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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/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931011
		B	D
Nominal current IN		15 A	15 A
Nominal voltage UN		300 V	150 V

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### Approvals

EAC		B.01742
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DNV GL	<a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>	TAE00001EY
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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

Accessories - MSTB-BL - 1755477



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

#### 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

#### Additional products

## Base strip - MSTB 2,5/ 9-GF-5,08 - 1776579

### Accessories

Printed-circuit board connector - TVMSTB 2,5/ 9-STF-5,08 - 1719163



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

Printed-circuit board connector - FKCN 2,5/ 9-STF-5,08 - 1754869



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 - FRONT-MSTB 2,5/ 9-STF-5,08 - 1777866



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 - MSTB 2,5/ 9-STF-5,08 - 1778056



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 - MSTBT 2,5/ 9-STF-5,08 - 1805369



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

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### Accessories

#### Printed-circuit board connector - MSTBC 2,5/ 9-STZF-5,08 - 1809802



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 - MVSTBW 2,5/ 9-STF-5,08 - 1834974



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 - MVSTBR 2,5/ 9-STF-5,08 - 1835164



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 - TMSTBP 2,5/ 9-STF-5,08 - 1853175



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-STF-5,08 - 1873278

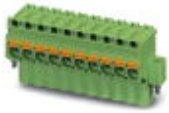


Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

## Base strip - MSTB 2,5/ 9-GF-5,08 - 1776579

### Accessories

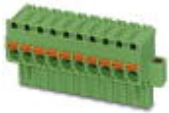
#### Printed-circuit board connector - FKCVW 2,5/ 9-STF-5,08 - 1873870



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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#### Printed-circuit board connector - FKCVR 2,5/ 9-STF-5,08 - 1874170



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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#### Printed-circuit board connector - QC 1/ 9-STF-5,08 - 1883420



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

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#### Printed-circuit board connector - FKCT 2,5/ 9-STF-5,08 - 1902372



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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#### Printed-circuit board connector - TFKC 2,5/ 9-STF-5,08 - 1962765



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 - SMSTB 2,5/ 9-STF-5,08 - 1971138

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



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Printed-circuit board connector - FKCS 2,5/ 9-STF-5,08 - 1975338

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

