

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

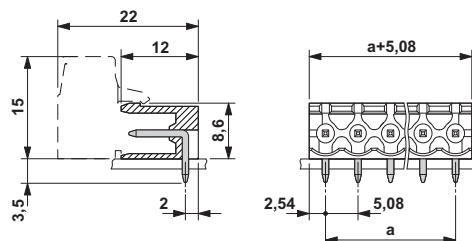
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

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 _N	10 A	10 A
Nominal voltage U _N	300 V	300 V

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Approvals

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40004701
Nominal current IN	12 A		
Nominal voltage UN	250 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-58978-B1B2
Nominal current IN	12 A		
Nominal voltage UN	250 V		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	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

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.

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

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

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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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

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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 [mm²] 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 [mm²] 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

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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

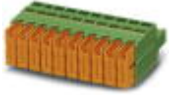


Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

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

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