

Base strip - MSTB 2,5/12-G-5,08 - 1759114

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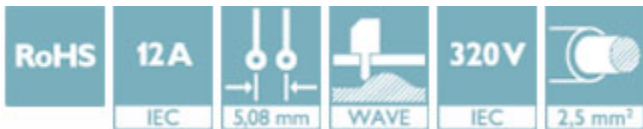
Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, pitch: 5.08 mm, Color: green, contact surface: Tin, mounting: Wave soldering




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	1 STK
GTIN	 4 017918 030582
GTIN	4017918030582
Weight per Piece (excluding packing)	4.400 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	12 mm
Pitch	5.08 mm
Dimension a	55.88 mm
Width [w]	60.96 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/..-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	12

Standards and Regulations

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

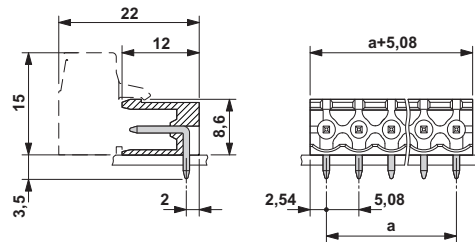
Environmental Product Compliance

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

Drawings

Base strip - MSTB 2,5/12-G-5,08 - 1759114

Dimensional drawing



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

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CSA / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / cULus Recognized / EAC


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Approvals


Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
		B	D
Nominal current I _N		10 A	10 A
Nominal voltage U _N		300 V	300 V

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

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

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011
		B	D
Nominal current I _N		15 A	15 A
Nominal voltage U _N		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

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

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Accessories

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

Additional products

Printed-circuit board connector - FKCN 2,5/12-ST-5,08 - 1754665



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

Printed-circuit board connector - MSTB 2,5/12-ST-5,08 - 1757116



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

Printed-circuit board connector - MSTB 2,5/12-STZ-5,08 - 1764280



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, 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 2,5/12-ST-5,08 - 1769117



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

Printed-circuit board connector - FRONT-MSTB 2,5/12-ST-5,08 - 1777387



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

Printed-circuit board connector - MSTBT 2,5/12-ST-5,08 - 1781085



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

Printed-circuit board connector - MVSTBR 2,5/12-ST-5,08 - 1792346



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

Printed-circuit board connector - MVSTBW 2,5/12-ST-5,08 - 1792854



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, 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 2,5/12-ST-5,08 - 1808913



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, 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 - MSTBC 2,5/12-STZ-5,08 - 1809608



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, 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 2,5/12-STD-5,08 - 1824227



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

Printed-circuit board connector - MSTBU 2,5/12-ST-5,08-FL - 1824450



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

Printed-circuit board connector - SMSTB 2,5/12-ST-5,08 - 1826380



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, 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 - MSTBVK 2,5/12-ST-5,08 - 1831414



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

Printed-circuit board connector - UMSTBVK 2,5/12-ST-5,08 - 1833917



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

Printed-circuit board connector - FKC 2,5/12-ST-5,08 - 1873155



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

Printed-circuit board connector - FKCVW 2,5/12-ST-5,08 - 1873757



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

Printed-circuit board connector - FKCVR 2,5/12-ST-5,08 - 1874057



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 12, 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 1/12-ST-5,08 - 1883705



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 12, pitch: 5.08 mm, connection method: Displacement connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/12-ST-5,08 - 1902217



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

Printed-circuit board connector - FKCS 2,5/12-ST-5,08 - 1975176



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