Base strip - MSTBVA 2,5/11-G-5,08 - 1755820

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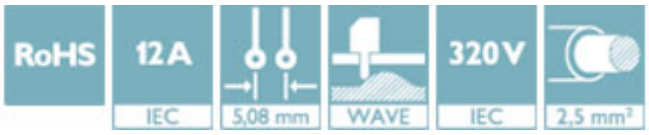
Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, Color: green, contact surface: Tin, mounting: Wave soldering

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
- Well-known mounting principle allows worldwide use
- Vertical connection enables multi-row arrangement on the PCB
- Closed contour for optimum stability of the plug-in connection



Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 029401
GTIN	4017918029401
Weight per Piece (excluding packing)	4.190 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	8.6 mm
Pitch	5.08 mm
Dimension a	50.8 mm
Width [w]	57.88 mm
Constructional height	12 mm
Height [h]	15.9 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm

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Technical data

Dimensions

Hole diameter	1.4 mm

General

Range of articles	MSTBVA 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)	630 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	11

Standards and Regulations

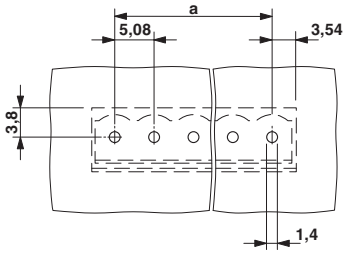
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

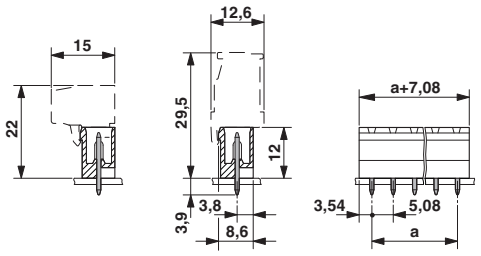
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



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 / IECEE CB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

CSA 13631

	B	D
Nominal current IN	12 A	10 A
Nominal voltage UN	300 V	300 V

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Approvals

VDE Gutachten mit Fertigungsüberwachung	VDE	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	CB scheme	http://www.iecee.org/	DE1-58978-B1B2

Nominal current IN	12 A
Nominal voltage UN	250 V

cULus Recognized	c UL us	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931011

	B	D
Nominal current IN	12 A	10 A
Nominal voltage UN	300 V	300 V

EAC	EAC	B.01742

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

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

Printed-circuit board connector - FKCN 2,5/11-ST-5,08 - 1754652

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/11-ST-5,08 - 1757103

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/11-STZ-5,08 - 1764293

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Base strip - MSTBVA 2,5/11-G-5,08 - 1755820

Accessories

Printed-circuit board connector - MSTBP 2,5/11-ST-5,08 - 1769104

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

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Printed-circuit board connector - FRONT-MSTB 2,5/11-ST-5,08 - 1777374

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Front screw connection, Color: green, contact surface: Tin

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Printed-circuit board connector - MSTBT 2,5/11-ST-5,08 - 1781072

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

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Printed-circuit board connector - MVSTBR 2,5/11-ST-5,08 - 1792333

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

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Printed-circuit board connector - MVSTBW 2,5/11-ST-5,08 - 1792841

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

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Base strip - MSTBVA 2,5/11-G-5,08 - 1755820

Accessories

Printed-circuit board connector - MSTBC 2,5/11-ST-5,08 - 1808900

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, 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 2,5/11-STZ-5,08 - 1809598

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, 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 2,5/11-STD-5,08 - 1824214

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, mounting: Direct mounting

Printed-circuit board connector - MSTBU 2,5/11-ST-5,08-FL - 1824447

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, mounting: Direct mounting

Printed-circuit board connector - SMSTB 2,5/11-ST-5,08 - 1826377

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Base strip - MSTBVA 2,5/11-G-5,08 - 1755820

Accessories

Printed-circuit board connector - MSTBVK 2,5/11-ST-5,08 - 1831401

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, mounting: DIN rail

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Printed-circuit board connector - UMSTBVK 2,5/11-ST-5,08 - 1833904

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin, mounting: DIN rail

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Printed-circuit board connector - FKC 2,5/11-ST-5,08 - 1873142

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

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Printed-circuit board connector - FKCVW 2,5/11-ST-5,08 - 1873744

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

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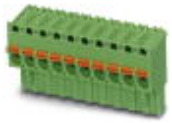
Printed-circuit board connector - FKCVR 2,5/11-ST-5,08 - 1874044



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

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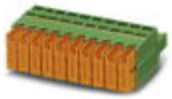
Base strip - MSTBVA 2,5/11-G-5,08 - 1755820

Accessories

Printed-circuit board connector - QC 1/11-ST-5,08 - 1883349



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 11, pitch: 5.08 mm, connection method: Displacement connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/11-ST-5,08 - 1902204

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCS 2,5/11-ST-5,08 - 1975163

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin