

Base strip - MDSTBVA 2,5/ 8-G-5,08 - 1845390

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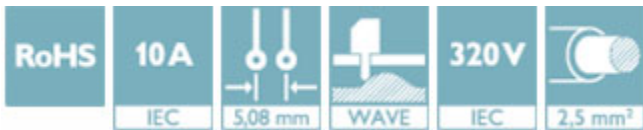


The figure shows a 10-position version of the product

Header, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering. The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

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
- ✓ Conductor connection on several levels enables higher contact density



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4017918184216
Weight per Piece (excluding packing)	12.850 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	23.7 mm
Pitch	5.08 mm
Dimension a	35.56 mm
Width [w]	45.18 mm
Constructional height	22.1 mm

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Technical data

Dimensions

Height [h]	26 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

General

Range of articles	MDSTBVA 2,5/...-G
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_N	10 A
Maximum load current	10 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	8

Standards and Regulations

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

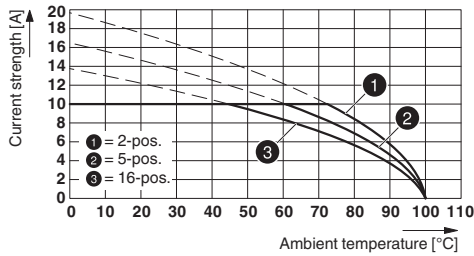
Environmental Product Compliance

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

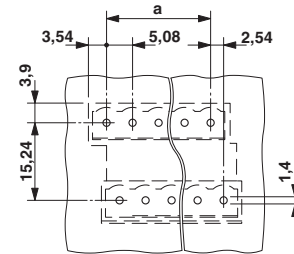
Drawings

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Diagram

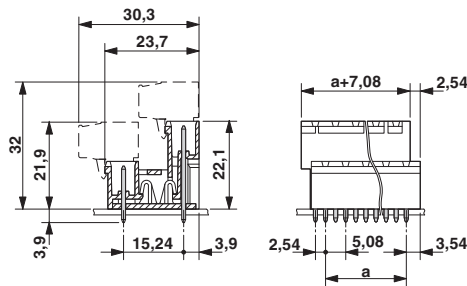


Drilling diagram



Type: FK2 2,5/...-ST-5,08 with MDSTBVA 2,5/...-G-5,08

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
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Classifications

UNSPSC

UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals


Approvals


Approvals


VDE Gutachten mit Fertigungsüberwachung / IECEE CB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40004701
Nominal current IN	10 A		
Nominal voltage UN	250 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-58978-B1B2
Nominal current IN	10 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	12 A	10 A	
Nominal voltage UN	300 V	300 V	

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Approvals

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

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 size: 5.08 x 3.8 mm

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Accessories

Marker for terminal blocks - SK 5,08/3,8: 0-9 - 0804303



Marker for terminal blocks, Card, white, labeled, Horizontal: Consecutive numbers 0 - 9, mounting type: adhesive, for terminal block width: 5.08 mm, lettering field size: 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 size: 5.08 x 3.8 mm

Additional products

Printed-circuit board connector - TVMSTB 2,5/ 8-ST-5,08 - 1719066



Plug component, nominal current: 12 A, rated voltage (III/2): 400 V, number of positions: 8, 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 - FKCN 2,5/ 8-ST-5,08 - 1754623

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin



Printed-circuit board connector - MSTB 2,5/ 8-ST-5,08 - 1757077

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MSTB 2,5/ 8-STZ-5,08 - 1764235

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - MSTBP 2,5/ 8-ST-5,08 - 1769078

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin



Printed-circuit board connector - FRONT-MSTB 2,5/ 8-ST-5,08 - 1777345

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Front screw connection, color: green, contact surface: Tin



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Accessories

Printed-circuit board connector - MSTBT 2,5/ 8-ST-5,08 - 1781043



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5/ 8-ST-5,08 - 1792304



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MVSTBW 2,5/ 8-ST-5,08 - 1792812



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MSTBC 2,5/ 8-ST-5,08 - 1808874



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, 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/ 8-STZ-5,08 - 1809569



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, 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 - MSTBU 2,5/ 8-STD-5,08 - 1824188



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, 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/ 8-ST-5,08-FL - 1824418



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, 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/ 8-ST-5,08 - 1826348



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - MSTBVK 2,5/ 8-ST-5,08 - 1831375



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, 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/ 8-ST-5,08 - 1833878



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, 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 - TMSTBP 2,5/ 8-ST-5,08 - 1853078



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, 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/ 8-ST-5,08 - 1873113



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 8-ST-5,08 - 1873715



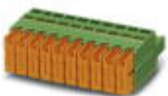
Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 8-ST-5,08 - 1874015



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - QC 1/ 8-ST-5,08 - 1883310



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 8, pitch: 5.08 mm, connection method: Displacement connection, color: green, contact surface: Tin

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Accessories

Printed-circuit board connector - FKCT 2,5/ 8-ST-5,08 - 1902178



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - TFKC 2,5/ 8-ST-5,08 - 1962668



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - FKCS 2,5/ 8-ST-5,08 - 1975134



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 8, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin
