

Base strip - MDSTBV 2,5/11-GF-5,08 - 1845727

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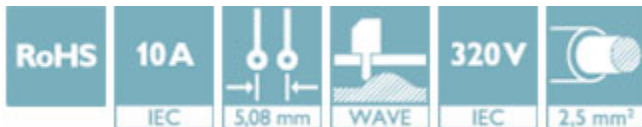


The figure shows a 10-pos. version with 20 contacts


Header, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 11, 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
- ✓ Screwable flange for superior mechanical stability



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 184384
GTIN	4017918184384
Weight per Piece (excluding packing)	21.600 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	23.7 mm
Pitch	5.08 mm
Dimension a	50.80 mm
Width	68.58 mm

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Technical data

Dimensions

Constructional height	22.1 mm
Height	26 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Pin spacing	15.24 mm
Hole diameter	1.4 mm

General

Range of articles	MDSTBV 2,5/...-GF
Insulating material group	III
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	11

Standards and Regulations

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

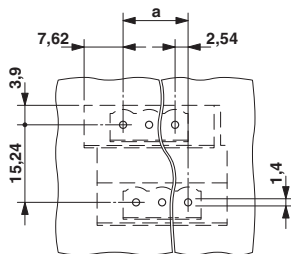
Environmental Product Compliance

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

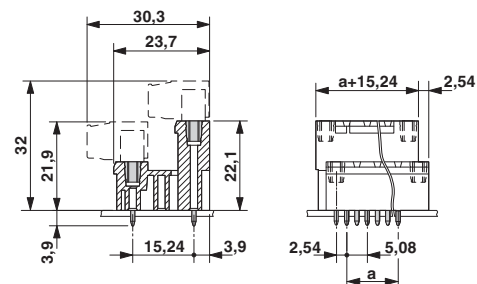
Drawings

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Drilling diagram



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

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


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Approvals


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 I _N	10 A		
Nominal voltage U _N	250 V		

IECEE CB Scheme			http://www.iecee.org/	DE1-58636-B1B2
Nominal current I _N		10 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	12 A	10 A	
Nominal voltage U _N	300 V	300 V	

EAC		B.01742
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Accessories

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Coding element

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Accessories

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

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

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Accessories

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 - FKCEN 2,5/11-STF-5,08 - 1754885



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 - FRONT-MSTB 2,5/11-STF-5,08 - 1777882



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

Printed-circuit board connector - MSTB 2,5/11-STF-5,08 - 1778072



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 - MSTBT 2,5/11-STF-5,08 - 1805385



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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Accessories

Printed-circuit board connector - MSTBC 2,5/11-STZF-5,08 - 1809828



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 - MVSTBW 2,5/11-STF-5,08 - 1834990



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 - MVSTBR 2,5/11-STF-5,08 - 1835180



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 - FKCVW 2,5/11-STF-5,08 - 1873896



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 - FKCVW 2,5/11-STF-5,08 - 1873896

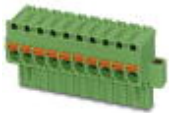


Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - FKCVR 2,5/11-STF-5,08 - 1874196



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 - QC 1/11-STF-5,08 - 1883446



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-STF-5,08 - 1902398



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 - SMSTB 2,5/11-STF-5,08 - 1971154



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 - FKCS 2,5/11-STF-5,08 - 1975354



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

