

Base strip - MSTBV 2,5/ 6-G - 1753518

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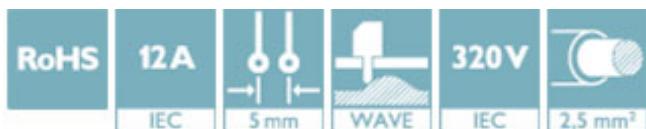
Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, Color: green, contact surface: Tin, mounting: Wave soldering



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



Key Commercial Data

Packing unit	100 STK
GTIN	 4 017918 028411
GTIN	4017918028411
Weight per Piece (excluding packing)	2.160 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	8.6 mm
Pitch	5 mm
Dimension a	25 mm
Width [w]	30 mm
Constructional height	12 mm
Height [h]	15.9 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

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Technical data

General

Range of articles	MSTBV 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	6

Standards and Regulations

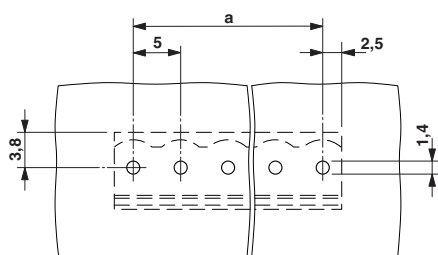
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

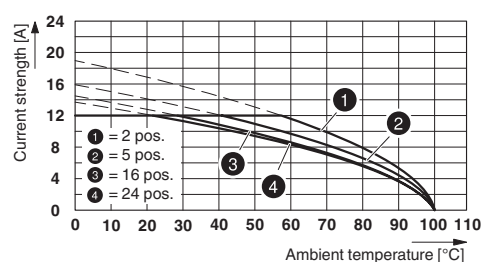
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



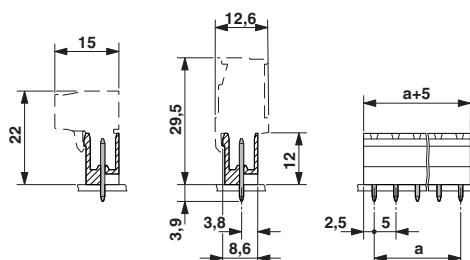
Diagram



Type: MSTB 2,5/...-ST with MSTBV 2,5/...-G

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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

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IEC CB Scheme / cULus Recognized / EAC

Ex Approvals

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Approvals

Approval details

CSA		13631
	B	D
Nominal current I _N	12 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	12 A	10 A	
Nominal voltage U _N	300 V	300 V	

EAC		B.01742
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Accessories

Accessories

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 5/3,8:FORTL.ZAHLEN - 0804183



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 mm, Lettering field: 5 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 5/3,8:UNBEDRUCKT - 0805409



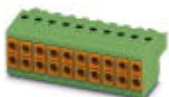
Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

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Accessories

Additional products

Printed-circuit board connector - TVFKC 1,5/ 6-ST - 1713871



Plug component, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - TVFKCL 1,5/ 6-ST - 1715963



Plug component, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Plug - QC 1,5/ 6-ST - 1718009



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 6, pitch: 5 mm, connection method: Displacement connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCN 2,5/ 6-ST - 1732784



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/ 6-ST - 1754520



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 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/ 6-ST - 1765810



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - SMSTB 2,5/ 6-ST - 1768804



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - FRONT-MSTB 2,5/ 6-ST - 1779453



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Front screw connection, Color: green, contact surface: Tin

Printed-circuit board connector - MSTBT 2,5/ 6-ST - 1779877



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - MVSTBR 2,5/ 6-ST - 1792058



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

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Accessories

Printed-circuit board connector - MVSTBW 2,5/ 6-ST - 1792566



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 6-ST - 1909252



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 6-ST - 1909757



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/ 6-ST - 1910076



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKC 2,5/ 6-ST - 1910393



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

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Accessories

Printed-circuit board connector - QC 1/ 6-ST-BUS - 1921719



Plug component, nominal current: 10 A, rated voltage (III/2): 630 V, number of positions: 6, pitch: 5 mm, connection method: Displacement connection, Color: green, contact surface: Tin, The plug allows conductors to be looped through from module to module, without interruption

Printed-circuit board connector - FKCS 2,5/ 6-ST - 1974779



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 6, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin