

Base strip - MSTBV 2,5/14-G - 1753673

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Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, 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	1 STK
GTIN	 4 017918 028497
GTIN	4017918028497
Weight per Piece (excluding packing)	5.830 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length	8.6 mm
Pitch	5 mm
Dimension a	65.00 mm
Width	70.00 mm
Constructional height	12 mm

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Technical data

Dimensions

Height	15.9 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

General

Range of articles	MSTBV 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	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	14

Standards and Regulations

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

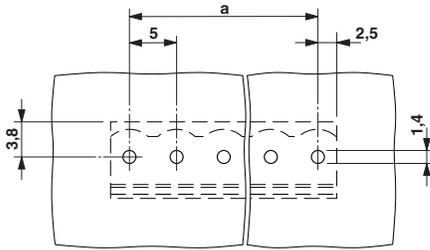
Environmental Product Compliance

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

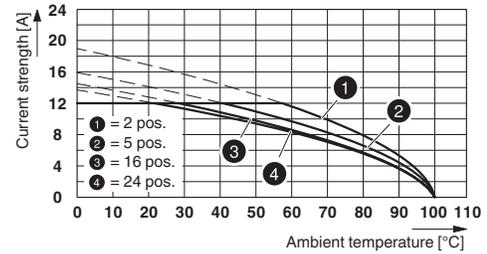
Drawings

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Drilling diagram

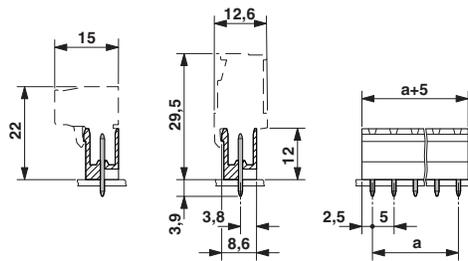


Diagram



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

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

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

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	D	
Nominal current IN	12 A	10 A	
Nominal voltage UN	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 IN	12 A		
Nominal voltage UN	250 V		

IECEE CB Scheme		http://www.iecee.org/	DE1-58636-B1B2
Nominal current IN	12 A		
Nominal voltage UN	250 V		

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Approvals

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

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



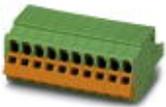
Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

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Accessories

Additional products

Plug - QC 1,5/14-ST - 1718083



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 14, pitch: 5 mm, connection method: Displacement connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCN 2,5/14-ST - 1732852



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/14-ST - 1754685



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTB 2,5/14-STZ - 1759376



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/14-ST - 1765894



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

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Accessories

Printed-circuit board connector - SMSTB 2,5/14-ST - 1768875

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - FRONT-MSTB 2,5/14-ST - 1779534

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Front screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBT 2,5/14-ST - 1779958

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5/14-ST - 1792139

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



Printed-circuit board connector - MVSTBW 2,5/14-ST - 1792647

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin



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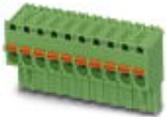
Accessories

Printed-circuit board connector - FKCT 2,5/14-ST - 1909333



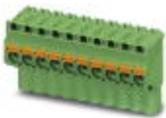
Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/14-ST - 1909838



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/14-ST - 1910157



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKC 2,5/14-ST - 1910474



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCS 2,5/14-ST - 1974850



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5 mm, connection method: Push-in spring connection, Color: green, Contact surface: Tin
