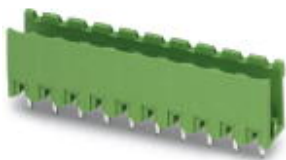


Base strip - MSTBV 2,5/10-G - 1753592

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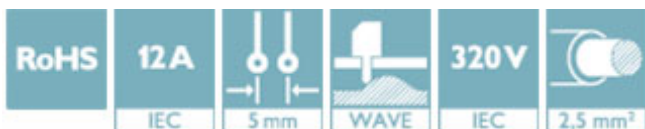
Header, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, Color: green, contact surface: Tin, mounting: Wave soldering




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 028459
GTIN	4017918028459
Weight per Piece (excluding packing)	3.380 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	8.6 mm
Pitch	5 mm
Dimension a	45 mm
Width [w]	50 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

Base strip - MSTBV 2,5/10-G - 1753592

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	10

Standards and Regulations

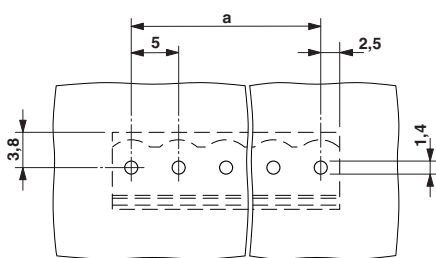
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

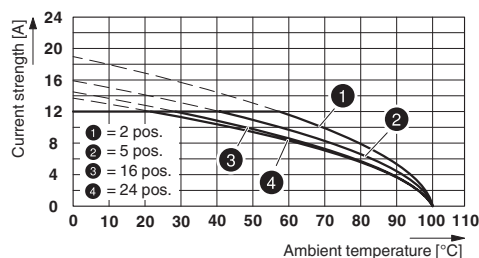
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



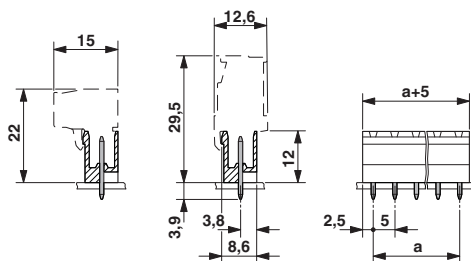
Diagram



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

Base strip - MSTBV 2,5/10-G - 1753592

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 / IECEE CB Scheme / cULus Recognized / EAC


Ex Approvals


Base strip - MSTBV 2,5/10-G - 1753592


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

Base strip - MSTBV 2,5/10-G - 1753592

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

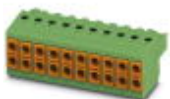
Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



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

Additional products

Printed-circuit board connector - TVFKC 1,5/10-ST - 1713910



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

Printed-circuit board connector - TVFKCL 1,5/10-ST - 1716001



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

Base strip - MSTBV 2,5/10-G - 1753592

Accessories

Plug - QC 1,5/10-ST - 1718041



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 10, pitch: 5 mm, connection method: Displacement connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCN 2,5/10-ST - 1732823



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/10-ST - 1754601



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - MSTB 2,5/10-STZ - 1759004



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - MSTBP 2,5/10-ST - 1765852



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Base strip - MSTBV 2,5/10-G - 1753592

Accessories

Printed-circuit board connector - SMSTB 2,5/10-ST - 1768833

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - FRONT-MSTB 2,5/10-ST - 1779495

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Front screw connection, Color: green, contact surface: Tin



Printed-circuit board connector - MSTBT 2,5/10-ST - 1779916

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5/10-ST - 1792090

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Printed-circuit board connector - MVSTBW 2,5/10-ST - 1792605

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin



Base strip - MSTBV 2,5/10-G - 1753592

Accessories

Printed-circuit board connector - FKCT 2,5/10-ST - 1909294



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/10-ST - 1909799



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCVW 2,5/10-ST - 1910115



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKC 2,5/10-ST - 1910432



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - FKCS 2,5/10-ST - 1974818



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 10, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin