

## Base strip - MSTBV 2,5/ 8-G - 1753550

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Soldering




The figure shows a 10-position version of the product

### Why buy this product

- Other pin lengths available on request
- Versions with and without side panel
- Plug-in direction parallel and vertical to the PCB
- Standard pin strip for 320 V (III/2)



### Key Commercial Data

Packing unit	100 pc
GTIN	 4 017918 028435
Weight per Piece (excluding packing)	2.86 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	8.6 mm
Pitch	5.00 mm
Dimension a	35 mm
Constructional height	12 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	I

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### Technical data

#### General

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 <sub>N</sub>	12 A
Maximum load current	12 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	8

#### Standards and Regulations

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

### 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

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

#### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

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## Approvals

### Approvals

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#### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / CCA / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

CSA		
	B	D
Nominal current IN	12 A	10 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current IN	12 A
Nominal voltage UN	250 V

IECEE CB Scheme	
Nominal current IN	12 A
Nominal voltage UN	250 V

CCA
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EAC
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cULus Recognized		
	B	D
Nominal current IN	12 A	10 A

## Base strip - MSTBV 2,5/ 8-G - 1753550

### Approvals

	B	D
Nominal voltage UN	300 V	300 V

### 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

#### 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

#### Additional products

## Base strip - MSTBV 2,5/ 8-G - 1753550

### Accessories

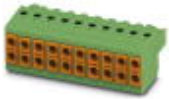
#### Plug - TVFKC 1,5/ 8-ST - 1713897



Plug component, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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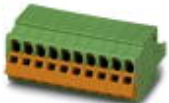
#### Printed-circuit board connector - TVFKCL 1,5/ 8-ST - 1715989



Plug component, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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#### Plug - QC 1,5/ 8-ST - 1718025



Plug component, Nominal current: 12 A, Rated voltage (III/2): 630 V, Number of positions: 8, Pitch: 5 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

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#### Printed-circuit board connector - FKCN 2,5/ 8-ST - 1732807



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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#### Printed-circuit board connector - MSTB 2,5/ 8-ST - 1754562



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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## Base strip - MSTBV 2,5/ 8-G - 1753550

### Accessories

Printed-circuit board connector - MSTB 2,5/ 8-STZ - 1758982



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTBP 2,5/ 8-ST - 1765836



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Plug - SMSTB 2,5/ 8-ST - 1768448



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FRONT-MSTB 2,5/ 8-ST - 1779479



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTBT 2,5/ 8-ST - 1779893



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Plug - MVSTBW 2,5/ 8-STEH - 1784309

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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## Base strip - MSTBV 2,5/ 8-G - 1753550

### Accessories

Printed-circuit board connector - MVSTBR 2,5/ 8-ST - 1792074



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MVSTBW 2,5/ 8-ST - 1792582



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCT 2,5/ 8-ST - 1909278



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCVR 2,5/ 8-ST - 1909773



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCVW 2,5/ 8-ST - 1910092



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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# Base strip - MSTBV 2,5/ 8-G - 1753550

## Accessories

Printed-circuit board connector - FKCS 2,5/ 8-ST - 1910416

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



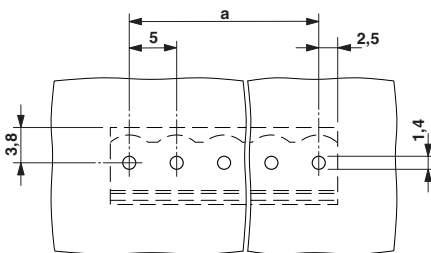
Printed-circuit board connector - FKCS 2,5/ 8-ST - 1974795

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

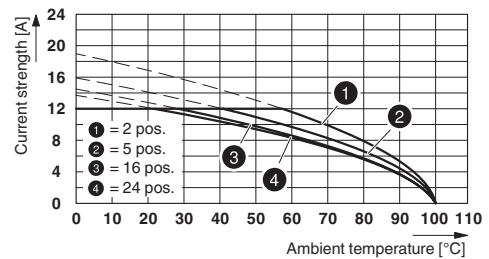


## Drawings

Drilling diagram



Diagram



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

Dimensional drawing

