

## Base strip - MSTBA 2,5/ 2-G - 1757475

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, 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
- ✓ Plug-in direction parallel to the PCB
- ✓ Closed contour for optimum stability of the plug-in connection



### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	250 STK
GTIN	 4 017918 030001
GTIN	4017918030001
Weight per Piece (excluding packing)	0.880 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Environmental Product Compliance

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

#### Dimensions

## Base strip - MSTBA 2,5/ 2-G - 1757475

### Technical data

#### Dimensions

Length	12 mm
Pitch	5.00 mm
Dimension a	5 mm
Constructional height	9 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

#### General

Range of articles	MSTBA 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	2

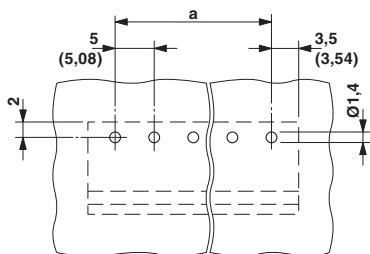
#### Standards and Regulations

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

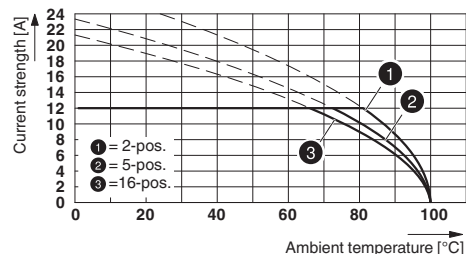
### Drawings

## Base strip - MSTBA 2,5/ 2-G - 1757475

Drilling diagram

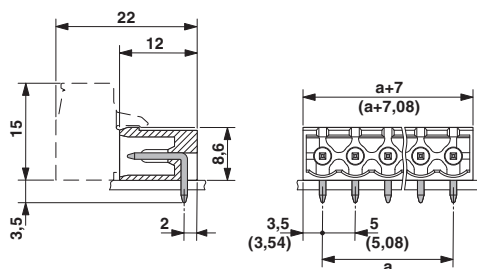


Diagram

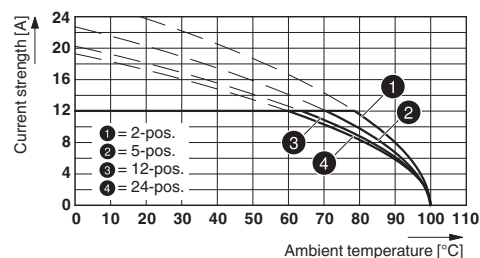


Type: FKCVR 2,5/...-ST with MSTBA 2,5/...-G

Dimensional drawing



Diagram



Type: MSTBP 2,5/...-ST with MSTBA 2,5/...-G

## 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

### 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 / IECCE CB Scheme / cULus Recognized / EAC

#### Ex Approvals

#### Approval details

CSA  <a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a> 13631		
	B	D
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung  <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a> 40004701	
Nominal current IN	12 A
Nominal voltage UN	250 V

IECEE CB Scheme  <a href="http://www.iecee.org/">http://www.iecee.org/</a> DE1-56062-B1B2	
Nominal current IN	12 A
Nominal voltage UN	250 V

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### Approvals

cULus Recognized <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-19931011		
	B	D
Nominal current I <sub>N</sub>	15 A	10 A
Nominal voltage U <sub>N</sub>	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

### Additional products

## Base strip - MSTBA 2,5/ 2-G - 1757475

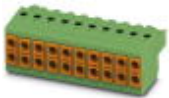
### Accessories

#### Printed-circuit board connector - TVFKC 1,5/ 2-ST - 1713839



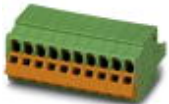
Plug component, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - TVFKCL 1,5/ 2-ST - 1715921



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

#### Plug - QC 1,5/ 2-ST - 1717961



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

#### Printed-circuit board connector - FKCN 2,5/ 2-ST - 1732742



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

#### Printed-circuit board connector - MSTB 2,5/ 2-ST - 1754449



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

## Base strip - MSTBA 2,5/ 2-G - 1757475

### Accessories

#### Printed-circuit board connector - MSTBP 2,5/ 2-ST - 1765771



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

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#### Printed-circuit board connector - SMSTB 2,5/ 2-ST - 1768765



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

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#### Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST - 1779411



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

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#### Printed-circuit board connector - MSTBT 2,5/ 2-ST - 1779835



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

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#### Printed-circuit board connector - MVSTBR 2,5/ 2-ST - 1792016



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

## Base strip - MSTBA 2,5/ 2-G - 1757475

### Accessories

#### Printed-circuit board connector - MVSTBW 2,5/ 2-ST - 1792524



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

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#### Printed-circuit board connector - FKCT 2,5/ 2-ST - 1909210



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, 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/ 2-ST - 1909715



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, 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/ 2-ST - 1910034



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

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#### Printed-circuit board connector - FKC 2,5/ 2-ST - 1910351



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



## Base strip - MSTBA 2,5/ 2-G - 1757475

### Accessories

Printed-circuit board connector - QC 1/ 2-ST-BUS - 1921670



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 2, 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

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Printed-circuit board connector - FKCS 2,5/ 2-ST - 1974737



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