

## Housing - MDSTBVA 2,5/12-G - 1845882

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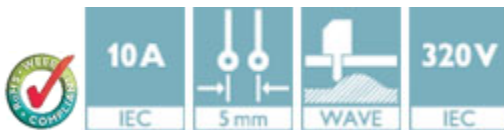


Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!

The figure shows a 10-position version of the product

### Product Features

- Double-level header with offset levels
- Plug-in direction vertical to the PCB
- Improved view and access to lower level
- High contact density



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	19.2 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	23.7 mm
Pitch	5.00 mm
Dimension a	55 mm
Constructional height	22 mm
Length of the solder pin	3.9 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

#### General

## Housing - MDSTBVA 2,5/12-G - 1845882

### Technical data

#### General

Range of articles	MDSTBVA 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 $I_N$	10 A
Maximum load current	10 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	12

#### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
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
eCl@ss 9.0	27440402

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

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

#### Ex Approvals

#### Approvals submitted

## Approval details

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	250 V

IECEE CB Scheme 	
Nominal current I <sub>N</sub>	10 A
Nominal voltage U <sub>N</sub>	250 V

EAC
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## Housing - MDSTBVA 2,5/12-G - 1845882

### Approvals

cULus Recognized		
	B	D
Nominal current I <sub>N</sub>	12 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

EAC
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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



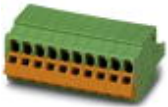
Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

### Additional products

## Housing - MDSTBVA 2,5/12-G - 1845882

### Accessories

#### Plug - QC 1,5/12-ST - 1718067



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

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#### Printed-circuit board connector - FKCN 2,5/12-ST - 1732836



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

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#### Printed-circuit board connector - MSTB 2,5/12-ST - 1754643



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

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#### Printed-circuit board connector - MSTB 2,5/12-STZ - 1759350



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

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#### Printed-circuit board connector - MSTBP 2,5/12-ST - 1765878



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

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## Housing - MDSTBVA 2,5/12-G - 1845882

### Accessories

Printed-circuit board connector - SMSTB 2,5/12-ST - 1768859

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



Printed-circuit board connector - FRONT-MSTB 2,5/12-ST - 1779518

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



Printed-circuit board connector - MSTBT 2,5/12-ST - 1779932

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



Printed-circuit board connector - MVSTBR 2,5/12-ST - 1792113

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



Printed-circuit board connector - MVSTBW 2,5/12-ST - 1792621

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



## Housing - MDSTBVA 2,5/12-G - 1845882

### Accessories

Printed-circuit board connector - FKCT 2,5/12-ST - 1909317



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

Printed-circuit board connector - FKCVR 2,5/12-ST - 1909812



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

Printed-circuit board connector - FKCVW 2,5/12-ST - 1910131



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

Printed-circuit board connector - FKC 2,5/12-ST - 1910458



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

Printed-circuit board connector - FKCS 2,5/12-ST - 1974834

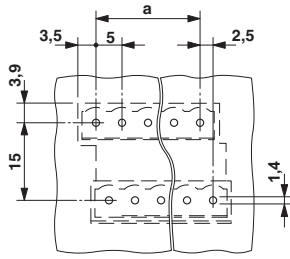


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

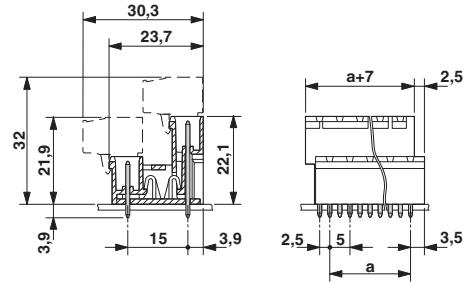
### Drawings

# Housing - MDSTBVA 2,5/12-G - 1845882

Drilling diagram



Dimensional drawing



# Mouser Electronics

Authorized Distributor

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