

## Housing - MDSTBV 2,5/12-G-5,08 - 1845581

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Header, Nominal current: 10 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering, Can be aligned! Mounting flange: Order No. 1836477, 1836480. 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-pos. version with 20 contacts

### Product Features

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



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	18.76 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	28.5 mm
Pitch	5.08 mm
Dimension a	55.88 mm
Width	63.5 mm
Constructional height	22.1 mm
Height	25.6 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm

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## Technical data

### Dimensions

Hole diameter	1.4 mm
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### General

Range of articles	MDSTBV 2,5/...-G
Insulating material group	III
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
Color	green
Number of positions	12

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CSA

## 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

CSA / VDE Gutachten mit Fertigungsüberwachung / IEC60335 CB Scheme / EAC / cULus Recognized / EAC

#### Ex Approvals

#### Approvals submitted

## Approval details

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

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

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## Approvals

IECEE CB Scheme	
Nominal current $I_N$	10 A
Nominal voltage $U_N$	250 V

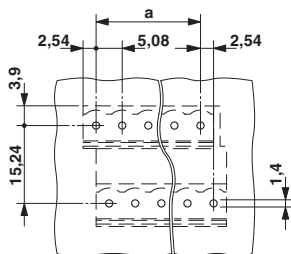
EAC
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cULus Recognized		
	B	D
Nominal current $I_N$	12 A	10 A
Nominal voltage $U_N$	300 V	300 V

EAC
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## Drawings

Drilling diagram



Dimensional drawing

