



**Automatización Eléctrica**  
Especialistas en Automatización

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## Base strip - EMSTBV 2,5/ 2-GF-5,08 - 1915217

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology



The figure shows a 10-position version of the product

### Why buy this product

- Long-term stable press-in connection ensures high holding force without thermal load
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- Vertical connection enables multi-row arrangement on the PCB
- Screwable flange for superior mechanical stability

### Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 182045

### Technical data

#### Dimensions

Length	8.6 mm
Pitch	5.08 mm
Dimension a	5.08 mm
Constructional height	12 mm
Length of the solder pin	3.9 mm
Pin dimensions	1,7 mm
Hole diameter	1.75 mm

#### General

Range of articles	EMSTBV 2,5/..-GF
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)	200 V
Rated voltage (III/2)	320 V

# Base strip - EMSTBV 2,5/ 2-GF-5,08 - 1915217

## Technical data

### General

Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	12 A
Maximum load current	12 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	2

### 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

### UNSPSC

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

## Approvals

### Approvals

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# Base strip - EMSTBV 2,5/ 2-GF-5,08 - 1915217

## Approvals


### Approvals


VDE Gutachten mit Fertigungsüberwachung / IEC EE CB Scheme / CCA / EAC / cULus Recognized

### Ex Approvals

### Approvals submitted

### Approval details

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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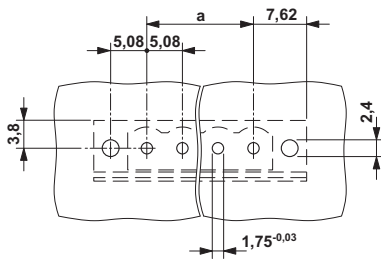
EAC
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cULus Recognized		
	B	D
Nominal current IN	12 A	10 A
Nominal voltage UN	300 V	300 V

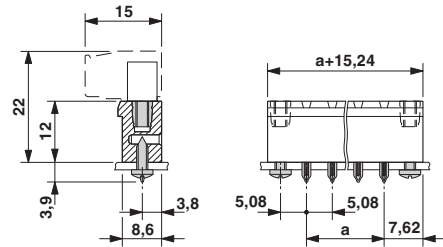
## Drawings

# Base strip - EMSTBV 2,5/ 2-GF-5,08 - 1915217

Drilling diagram

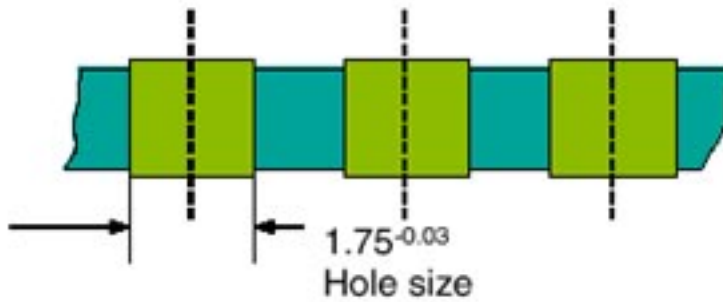


Dimensional drawing



Drilling diagram

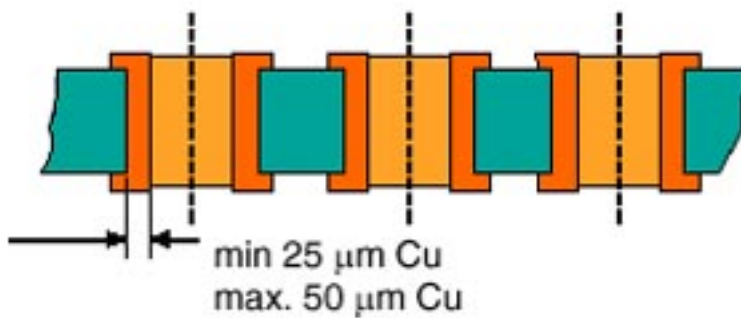
**Bore hole in the basic material,**  
mostly epoxy glass fabric FR4 or EP-GC



**Bore hole with Cu ferrule**

Drilling diagram

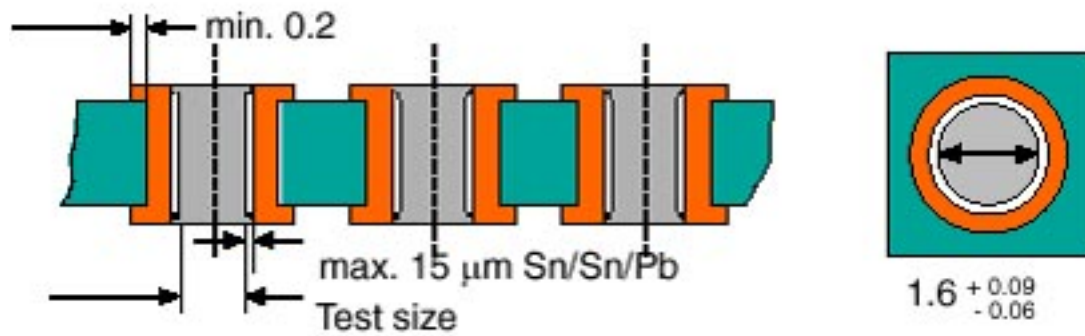
**Bore hole with Cu ferrule**



## Base strip - EMSTBV 2,5/ 2-GF-5,08 - 1915217

Drilling diagram

### Plated-through bore hole with Sn/SnPb



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Product	Code	Reference	Product link
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