

## Base strip - EMSTBV 2,5/ 3-GF - 1914068

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Press-in




The figure shows a 10-position version of the product

### Why buy this product

- Press-in tools available on request
- Pin strips with ERNI-PRESS flexible press-in zone
- Processing according to EN 60352-5



### Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 181789
Weight per Piece (excluding packing)	2.65 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length	8.6 mm
Pitch	5 mm
Dimension a	10 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

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### Technical data

#### General

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
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
Inflammability class according to UL 94	V0
Color	green
Number of positions	3

### 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

### Approvals

#### Approvals

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## Approvals


### Approvals


UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / CCA / EAC / cULus Recognized


### Ex Approvals


### Approvals submitted

### Approval details

UL Recognized 		
	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

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

IECCEB Scheme 	
Nominal current IN	12 A
Nominal voltage UN	250 V

CCA	
Nominal current IN	12 A

## Base strip - EMSTBV 2,5/ 3-GF - 1914068

### Approvals

Nominal voltage UN	250 V
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EAC
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cULus Recognized  US
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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

#### Mounting material

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### Accessories

Assembly adapters - EMSTBVA 2,5-SS-1-5,08 - 1877216



Stamp set, consisting of an upper and lower stamp, upper stamp: 2 to 16-pos., lower stamp: 2 to 24-pos., pitch: 5.08 mm

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Accessories - EMSTBVA 2,5-SS-2-5,08 - 1877229

Stamp set, consisting of an upper and lower stamp, upper stamp: 17 to 24-pos., lower stamp: 2 to 24-pos., pitch: 5.08 mm

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Accessories - EMSTB 2,5-SH - 1877203



Stamp holder, for upper and lower stamp

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- EMSTBVA 2,5-SS-3-5,0 - 1914810

Stamp set, consisting of an upper and lower stamp, upper stamp: 17 to 24-pos., lower stamp: 2 to 24-pos., pitch: 5.0 mm

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### Additional products

Printed-circuit board connector - FRONT-MSTB 2,5/ 3-STF - 1779657



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKC 2,5/ 3-STF - 1910539

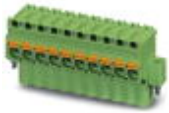


Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

## Base strip - EMSTBV 2,5/ 3-GF - 1914068

### Accessories

#### Printed-circuit board connector - FKCVW 2,5/ 3-STF - 1910212



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

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#### Printed-circuit board connector - MVSTBR 2,5/ 3-STF - 1835481



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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#### Printed-circuit board connector - MVSTBW 2,5/ 3-STF - 1835290



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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#### Printed-circuit board connector - MSTB 2,5/ 3-STF - 1786844



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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#### Printed-circuit board connector - FKCVR 2,5/ 3-STF - 1909896



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

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## Accessories

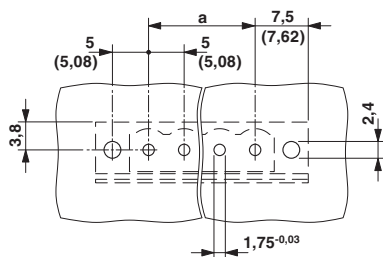
Printed-circuit board connector - FKCT 2,5/ 3-STF - 1909414

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

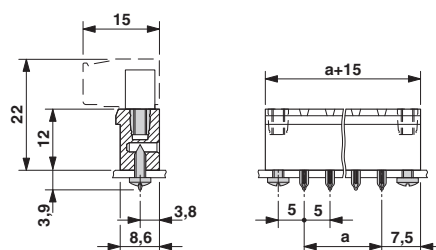


## Drawings

Drilling diagram

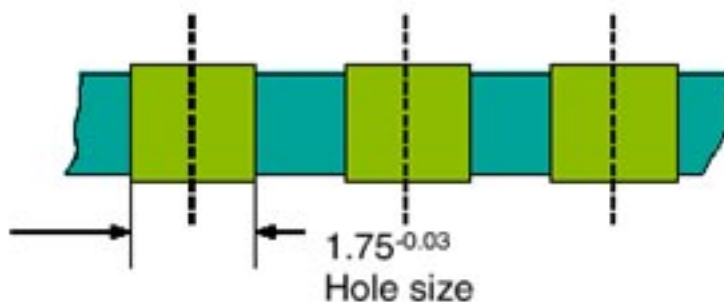


Dimensioned drawing



Drilling diagram

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

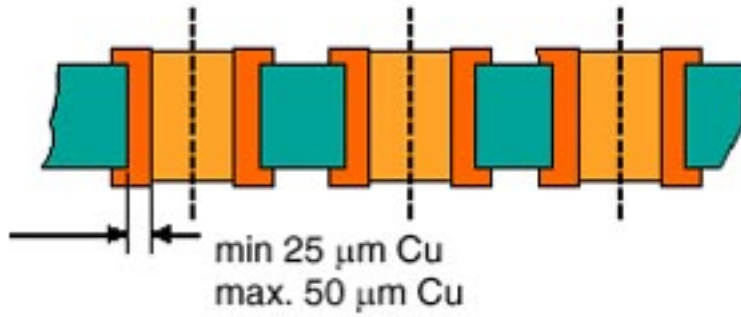


**Bore hole with Cu ferrule**

## Base strip - EMSTBV 2,5/ 3-GF - 1914068

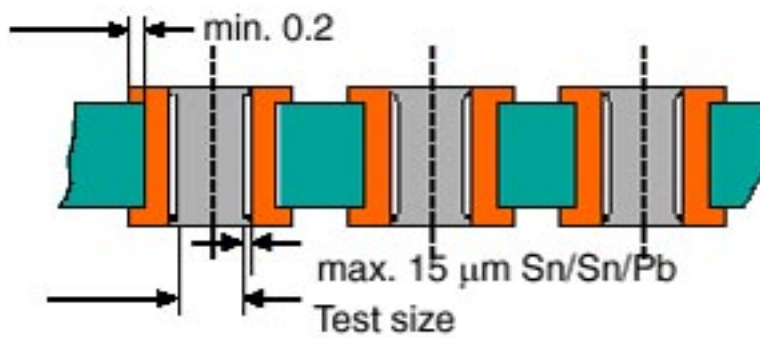
Drilling diagram

### Bore hole with Cu ferrule



Drilling diagram

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



$1.6^{+0.09}_{-0.06}$