

## Base strip - EMSTBA 2,5/12-G - 1899948

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, 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 170240
Weight per Piece (excluding packing)	5.34 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Length	12 mm
Pitch	5 mm
Dimension a	55 mm
Pin dimensions	1,7 mm
Hole diameter	1.75 mm

#### General

Range of articles	EMSTBA 2,5/...-G
Insulating material group	IIIa
Rated surge voltage (III/3)	4 kV

## Base strip - EMSTBA 2,5/12-G - 1899948

### Technical data

#### General

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	PBT
Inflammability class according to UL 94	V0
Color	green
Number of positions	12

### 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

## Base strip - EMSTBA 2,5/12-G - 1899948

### Approvals


#### Approvals


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


#### Ex Approvals


#### Approvals submitted

#### Approval details

UL Recognized 		
	B	D
Nominal current I <sub>N</sub>	15 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized 		
	B	D
Nominal current I <sub>N</sub>	15 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V

IECEE CB Scheme 	
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	250 V

CCA	
Nominal current I <sub>N</sub>	12 A

## Base strip - EMSTBA 2,5/12-G - 1899948

### Approvals

Nominal voltage UN	250 V
--------------------	-------

EAC
-----

cULus Recognized 
--

### 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

## Base strip - EMSTBA 2,5/12-G - 1899948

### 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

---

#### 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

---

#### Accessories - EMSTB 2,5-SH - 1877203



Stamp holder, for upper and lower stamp

---

### Additional products

#### 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: Spring-cage connection, Color: green, Contact surface: Tin

---

#### 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, Color: green, Contact surface: Tin

## Base strip - EMSTBA 2,5/12-G - 1899948

### Accessories

#### 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, Color: green, Contact surface: Tin

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



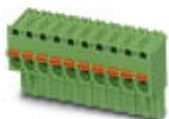
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### 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, 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: Spring-cage 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: Spring-cage connection, Color: green, Contact surface: Tin

## Base strip - EMSTBA 2,5/12-G - 1899948

### 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: Spring-cage connection, 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, 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, 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: Screw connection, Color: green, Contact surface: Tin

---

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



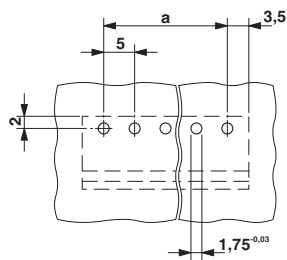
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

---

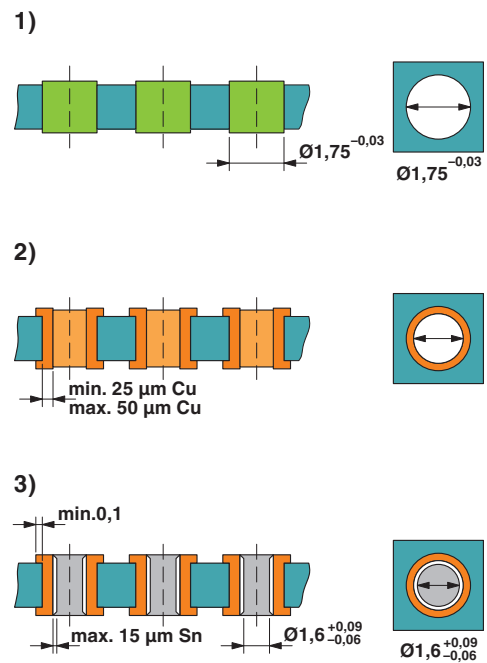
### Drawings

## Base strip - EMSTBA 2,5/12-G - 1899948

Drilling diagram



Drilling diagram



Drill hole layout in FR4 or EP-GC basic material

Dimensioned drawing

