

## Base strip - EMC 1,5/12-G-3,5 - 1897199

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>)

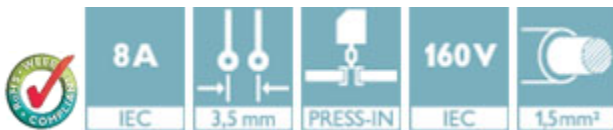
Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Mounting: Press-in technology



The figure shows a 10-position version of the product

### Product Features

- Press-in tools available on request
- Pin strips with ERNI-PRESS flexible press-in zone
- Plug-in direction horizontal and vertical to the PCB
- Processing according to EN 60352-5



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 017918 166335 |
| Weight per Piece (excluding packing) | 3.82 g                                                                                                  |
| Custom tariff number                 | 85369010                                                                                                |
| Country of origin                    | Poland                                                                                                  |

### Technical data

#### Dimensions

|                          |         |
|--------------------------|---------|
| Length                   | 10.7 mm |
| Pitch                    | 3.50 mm |
| Dimension a              | 38.5 mm |
| Constructional height    | 7 mm    |
| Length of the solder pin | 3.5 mm  |

## Base strip - EMC 1,5/12-G-3,5 - 1897199

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter  | 1.45 mm      |

#### General

|                                        |               |
|----------------------------------------|---------------|
| Range of articles                      | EMC 1,5/...-G |
| Insulating material group              | IIIa          |
| Rated surge voltage (III/3)            | 2.5 kV        |
| Rated surge voltage (III/2)            | 2.5 kV        |
| Rated surge voltage (II/2)             | 2.5 kV        |
| Rated voltage (III/3)                  | 160 V         |
| Rated voltage (III/2)                  | 160 V         |
| Rated voltage (II/2)                   | 250 V         |
| Connection in acc. with standard       | EN-VDE        |
| Nominal current I <sub>N</sub>         | 8 A           |
| Maximum load current                   | 8 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 |

## Base strip - EMC 1,5/12-G-3,5 - 1897199

### Classifications

#### 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

#### Approvals

EAC / cULus Recognized / EAC

#### Ex Approvals

#### Approvals submitted

#### Approval details

|     |
|-----|
| EAC |
|-----|

|                                |       |       |
|--------------------------------|-------|-------|
| cULus Recognized               |       |       |
|                                | B     | D     |
| Nominal current I <sub>N</sub> | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

|     |
|-----|
| EAC |
|-----|

### Accessories

#### Accessories

## Base strip - EMC 1,5/12-G-3,5 - 1897199

### Accessories

#### Coding element

Coding profile - CP-MSTB - 1734634



Coding profile, is inserted into the slot on the plug or inverted header, red insulating material

---

#### Labeled terminal marker

Marker card - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, for terminal block width: 3.5 mm, Lettering field: 3.5 x 2.8 mm

---

#### Assembly adapters - EMC 1,5-SH - 1877258



Stamp holder, for upper and lower stamp

---

#### Additional products

Printed-circuit board connector - MC 1,5/12-ST-3,5 - 1840463



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

## Base strip - EMC 1,5/12-G-3,5 - 1897199

### Accessories

Printed-circuit board connector - MCVW 1,5/12-ST-3,5 - 1862959



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

---

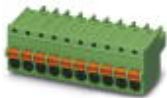
Printed-circuit board connector - MCVR 1,5/12-ST-3,5 - 1863259



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.5 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

---

Printed-circuit board connector - FK-MCP 1,5/12-ST-3,5 - 1940004



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

Printed-circuit board connector - FMC 1,5/12-ST-3,5 - 1952364



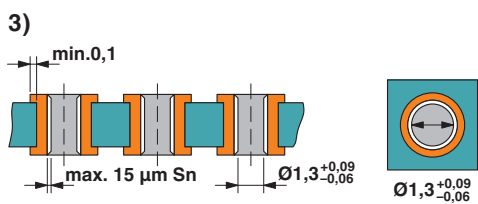
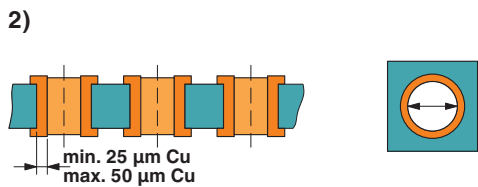
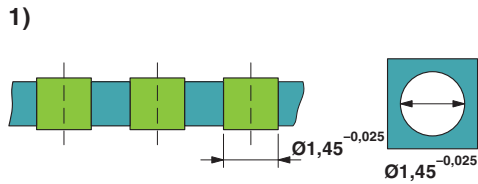
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

---

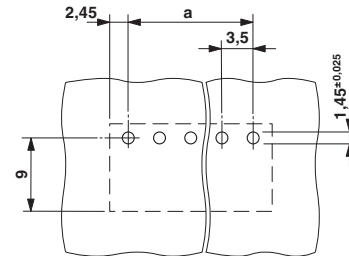
### Drawings

## Base strip - EMC 1,5/12-G-3,5 - 1897199

Drilling diagram

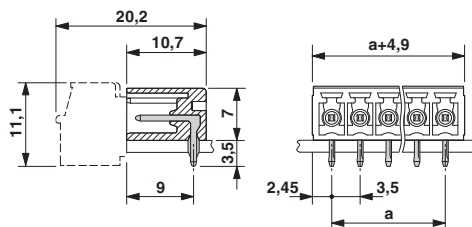


Drilling diagram



Drill hole layout in FR4 or EP-GC basic material

Dimensional drawing



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1897199](#)