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

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Assembly: 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
- Plug-in direction horizontal and vertical to the PCB
- Processing according to EN 60352-5

## Key commercial data

| | |
|---|---|
| Packing unit | 1 |
| Minimum order quantity | 1 |
| Catalog page | Page 210 (CC-2011) |
| GTIN | 4 017918 166335 |
| Custom tariff number | 85369010 |
| Country of origin | POLAND |

## Technical data

### Dimensions / positions

| | |
|---|---|
| Length | 10.7 mm |
| Pitch | 3.5 mm |
| Dimension a | 38.5 mm |
| Number of positions | 12 |
| Pin dimensions | 0,8 x 0,8 mm |
| Hole diameter | 1.45 mm |

### Technical data

| | |
|---|---|
| Range of articles | EMC 1,5/..-G |
| Insulating material group | IIIa |
| Rated surge voltage (III/3) | 2.5 kV |

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## Technical data

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| | |
|---|---|
| Rated surge voltage (III/2) | 2.5 kV |
| Rated surge voltage (II/2) | 2.5 kV |
| Rated voltage (III/2) | 160 V |
| Rated voltage (II/2) | 250 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current IN | 8 A |
| Nominal voltage UN | 160 V |
| Maximum load current | 8 A |
| Insulating material | PBT |
| Inflammability class according to UL 94 | V0 |
| Color | green |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 8 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 8 A |

## Classifications

### eclass

| | |
|---|---|
| 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 |

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

## Approvals

Approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

UL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 300 V | 300 V |

cUL Recognized

| | B | D |
|---|---|---|
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 300 V | 300 V |

GOST

GOST

cULus Recognized

## Accessories

Accessories

Assembly

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

## Accessories

Assembly adapters - EMC 1,5-SH - 1877258



Stamp holder, for upper and lower stamp

### Marking

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



Marker cards, 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

### Plug/Adapter

Coding profile - CP-MSTB - 1734634



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

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

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, Color: green, Contact surface: Tin

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## Accessories

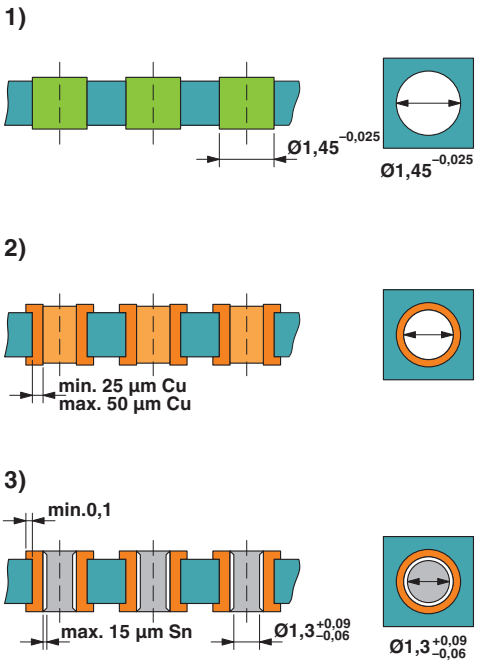
Printed-circuit board connector - MCVR 1,5/12-ST-3,5 - 1863259



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

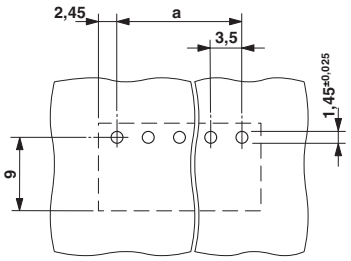
## Drawings

Drilling diagram

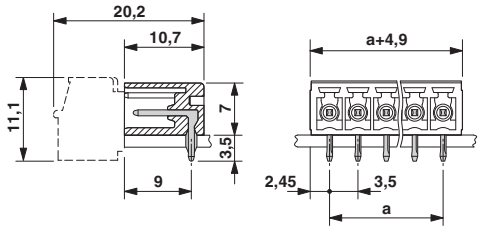



Drill hole layout in FR4 or EP-GC basic material

Drilling diagram




Dimensioned drawing




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