

## Header - EMC 1,5/13-G-3,5 - 1897209

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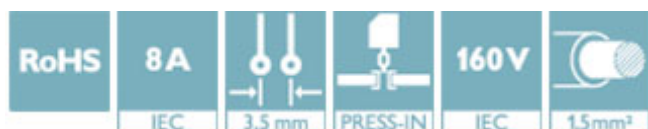
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 13, pitch: 3.5 mm, color: green, contact surface: Tin, mounting: Press-in technology



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



### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 50 STK        |
| GTIN         |               |
| GTIN         | 4017918166342 |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length [ l ]             | 10.7 mm      |
| Pitch                    | 3.5 mm       |
| Dimension a              | 42 mm        |
| Width [ w ]              | 46.9 mm      |
| Constructional height    | 7 mm         |
| Height [ h ]             | 10.5 mm      |
| Length of the solder pin | 3.5 mm       |
| 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          |

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### Technical data

#### General

|                                        |        |
|----------------------------------------|--------|
| 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 $I_N$                  | 8 A    |
| Maximum load current                   | 8 A    |
| Insulating material                    | PBT    |
| Flammability rating according to UL 94 | V0     |
| Color                                  | green  |
| Number of positions                    | 13     |

#### Standards and Regulations

|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CUL    |
| Flammability rating according to UL 94 | V0     |

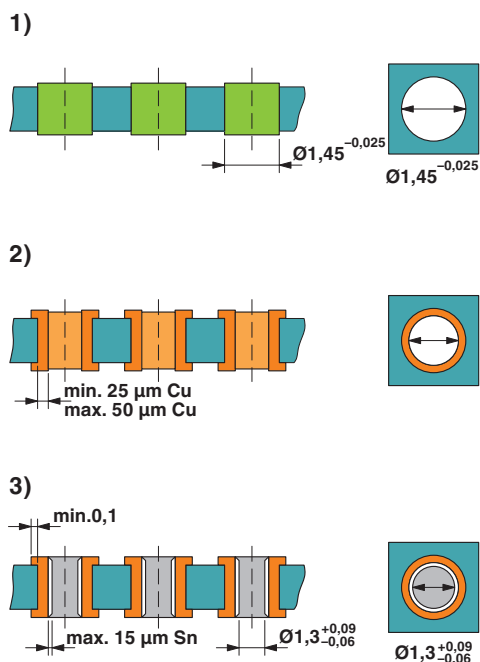
#### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

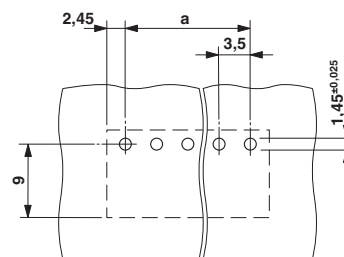
### Drawings

## Header - EMC 1,5/13-G-3,5 - 1897209

Drilling diagram

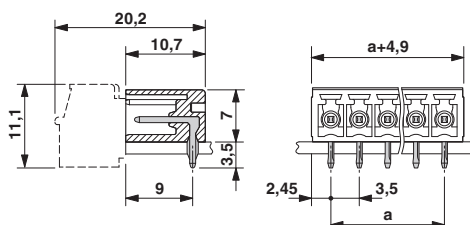


Drilling diagram



Drill hole layout in FR4 or EP-GC basic material

Dimensional drawing



### Approvals

Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

Approval details

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### Approvals

|                                                                                                                                                                                                                                                                          |       |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
| cULus Recognized  <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-20110128 |       |       |
|                                                                                                                                                                                                                                                                          | B     | D     |
| Nominal current I <sub>N</sub>                                                                                                                                                                                                                                           | 8 A   | 8 A   |
| Nominal voltage U <sub>N</sub>                                                                                                                                                                                                                                           | 300 V | 300 V |

|                                                                                       |         |
|---------------------------------------------------------------------------------------|---------|
| EAC  | B.01742 |
|---------------------------------------------------------------------------------------|---------|

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