

# Header - MC 1,5/16-G-3,5-RN - 1731811

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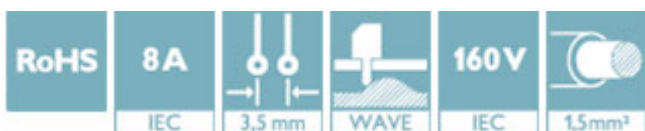
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.5 mm, color: green, contact surface: Tin, mounting: Wave soldering



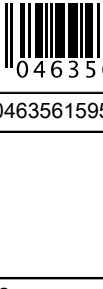
The figure shows a 10-position version of the product

## Why buy this product

- Well-known mounting principle allows worldwide use
- Intuitive locking mechanism prevents accidental disconnection



## Key Commercial Data

|              |                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------|
| Packing unit | 50 STK                                                                                                 |
| GTIN         | <br>4 046356 159524 |
| GTIN         | 4046356159524                                                                                          |

## Technical data

### Dimensions

|                          |           |
|--------------------------|-----------|
| Length [ l ]             | 9.2 mm    |
| Pitch                    | 3.5 mm    |
| Dimension a              | 52.5 mm   |
| Width [ w ]              | 59.6 mm   |
| Constructional height    | 7.25 mm   |
| Height [ h ]             | 10.65 mm  |
| Length of the solder pin | 3.4 mm    |
| Pin dimensions           | 0,8 x 0,8 |
| Hole diameter            | 1.2 mm    |

### General

|                           |                 |
|---------------------------|-----------------|
| Range of articles         | MC 1,5/...-G-RN |
| 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                    | 16     |

### Standards and Regulations

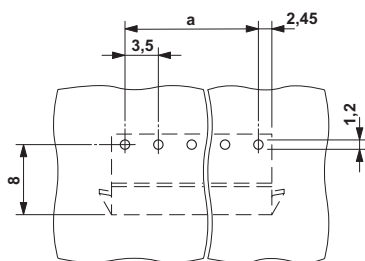
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CUL    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

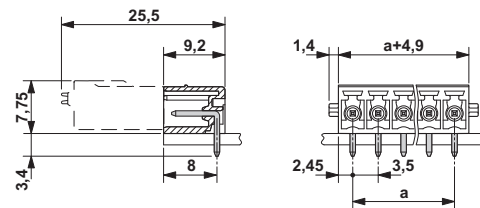
|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Drilling diagram



Dimensional drawing



## Approvals

### Approvals

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VDE Gutachten mit Fertigungsüberwachung / cULus Recognized / IECCE CB Scheme / EAC

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## Approvals

Ex Approvals

### Approval details

|                                            |       |                                                                                                                                                                                                                |          |
|--------------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>Fertigungsüberwachung |       | <a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/<br/>VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a> | 40011723 |
|                                            |       |                                                                                                                                                                                                                |          |
| Nominal current IN                         | 8 A   |                                                                                                                                                                                                                |          |
| Nominal voltage UN                         | 160 V |                                                                                                                                                                                                                |          |

|                    |       |                                                                                                                                                       |                 |
|--------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 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 IN | 8 A   | 8 A                                                                                                                                                   |                 |
| Nominal voltage UN | 300 V | 300 V                                                                                                                                                 |                 |

|                    |       |                                                           |                |
|--------------------|-------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme    |       | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-59621-B1B2 |
|                    |       |                                                           |                |
| Nominal current IN | 8 A   |                                                           |                |
| Nominal voltage UN | 160 V |                                                           |                |

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

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