

## Printed-circuit board connector - MC 1,5/16-GF-3,5-LR - 1817754

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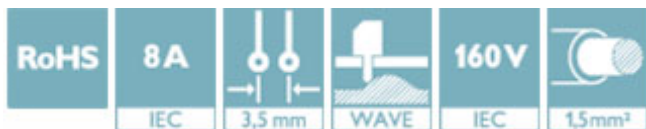
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.5 mm, color: green, contact surface: Tin, mounting: Wave soldering



The figure shows a 10-position version of the product

### Your advantages

- ✓ Well-known mounting principle allows worldwide use
- ✓ Screwable flange for superior mechanical stability
- ✓ Automatic locking and intuitive release through Lock and Release operating lever in contrasting color
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 50 pc         |
| GTIN         |               |
| GTIN         | 4046356754491 |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length [ l ]             | 9.2 mm       |
| Width                    | 66.3 mm      |
| Pitch                    | 3.5 mm       |
| Dimension a              | 52.5 mm      |
| Width [ w ]              | 66.3 mm      |
| Height [ h ]             | 10.65 mm     |
| Height                   | 7.25 mm      |
| Length of the solder pin | 3.4 mm       |
| Pin dimensions           | 0.8 x 0.8 mm |
| Length                   | 9.2 mm       |

#### General

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## Technical data

### General

|                                        |                  |
|----------------------------------------|------------------|
| Range of articles                      | MC 1,5/...-GF-LR |
| 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 $I_N$                  | 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

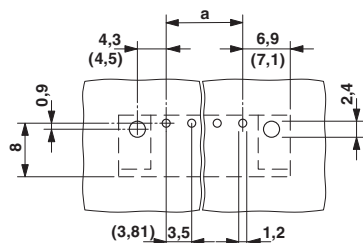
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CUL    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

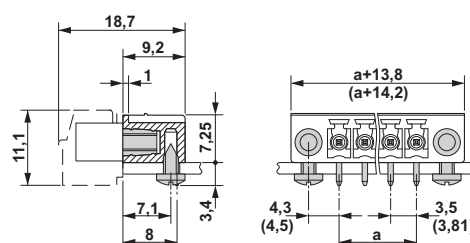
|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Drilling diagram

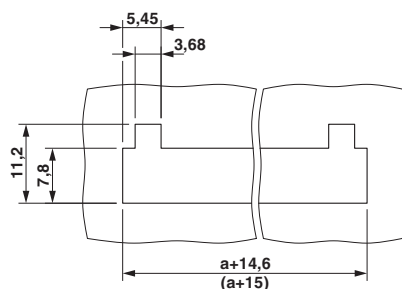


Dimensional drawing



## Printed-circuit board connector - MC 1,5/16-GF-3,5-LR - 1817754

Dimensional drawing



### Approvals

#### Approvals

#### Approvals

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

#### Ex Approvals

#### Approval details

|                    |                     |                                                           |                |
|--------------------|---------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme    | <b>CB</b><br>scheme | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-60987-B1B2 |
| Nominal voltage UN | 160 V               |                                                           |                |
| Nominal current IN | 8 A                 |                                                           |                |

|                                            |            |                                                                                                                                                                                                                |          |
|--------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>Fertigungsüberwachung | <b>VDE</b> | <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 voltage UN                         | 160 V      |                                                                                                                                                                                                                |          |
| Nominal current IN                         | 8 A        |                                                                                                                                                                                                                |          |

|     |            |         |  |
|-----|------------|---------|--|
| EAC | <b>EAC</b> | B.01742 |  |
|-----|------------|---------|--|

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

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>