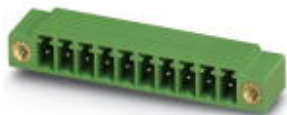


# Printed-circuit board connector - MC 1,5/ 5-GF-3,81 BK - 1799950

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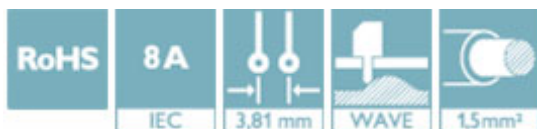
PCB headers, nominal current: 8 A, number of positions: 5, pitch: 3.81 mm, color: black, contact surface: Tin, mounting: Wave soldering



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
- 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         | 4046356664271 |

## Technical data

### Dimensions

|                          |              |
|--------------------------|--------------|
| Length [ l ]             | 9.2 mm       |
| Width                    | 29.44 mm     |
| Pitch                    | 3.81 mm      |
| Dimension a              | 15.24 mm     |
| Width [ w ]              | 29.44 mm     |
| Height [ h ]             | 10.3 mm      |
| Height                   | 6.9 mm       |
| Length of the solder pin | 3.4 mm       |
| Pin dimensions           | 0.8 x 0.8 mm |
| Length                   | 9.2 mm       |

### General

# Printed-circuit board connector - MC 1,5/ 5-GF-3,81 BK - 1799950

## Technical data

### General

|                                  |              |
|----------------------------------|--------------|
| Range of articles                | MC 1,5/...GF |
| Rated voltage (III/3)            | 160 V        |
| Connection in acc. with standard | EN-VDE       |
| Nominal current I <sub>N</sub>   | 8 A          |
| Color                            | black        |
| Number of positions              | 5            |

### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

### 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" |

## Approvals

### Approvals


#### Approvals

CSA / IECCEB CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

#### Ex Approvals


### Approval details


|                    |                                                                                     |                                                                                                                                         |       |
|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                |  | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
|                    |                                                                                     | D                                                                                                                                       | B     |
| Nominal voltage UN |                                                                                     | 300 V                                                                                                                                   | 300 V |
| Nominal current IN |                                                                                     | 8 A                                                                                                                                     | 8 A   |


|                    |                                                                                     |                                                           |                |
|--------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB 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                                                       |                |

# Printed-circuit board connector - MC 1,5/ 5-GF-3,81 BK - 1799950

## Approvals

|                                            |                                                                                   |                                                                                                                                                                                                                |          |
|--------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 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 voltage UN                         |                                                                                   | 160 V                                                                                                                                                                                                          |          |
| Nominal current IN                         |                                                                                   | 8 A                                                                                                                                                                                                            |          |

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

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