

## Printed-circuit board connector - MC 1,5/ 5-G-3,5 BK - 1876291

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)


Header, nominal current: 8 A, number of positions: 5, pitch: 3.5 mm, Color: black, Contact surface: Tin, mounting: Wave soldering

### Why buy this product

- ✓ Well-known mounting principle allows worldwide use
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 STK   |
| Minimum order quantity               | 50 STK  |
| GTIN                                 | <br>4 017918 234270 |
| GTIN                                 | 4017918234270   |
| Weight per Piece (excluding packing) | 1.560 g   |
| Custom tariff number                 | 85366930  |
| Country of origin                    | Germany   |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Pitch                    | 3.5 mm   |
| Dimension a              | 14.00 mm |
| Constructional height    | 8 mm     |
| Length of the solder pin | 3.4 mm   |

#### General

|                                  |              |
|----------------------------------|--------------|
| Range of articles                | MC 1,5/...-G |
| Rated voltage (III/3)            | 160 V        |
| Connection in acc. with standard | EN-VDE       |
| Nominal current $I_N$            | 8 A          |
| Color                            | black        |
| Number of positions              | 5            |

# Printed-circuit board connector - MC 1,5/ 5-G-3,5 BK - 1876291

## Technical data

### Standards and Regulations

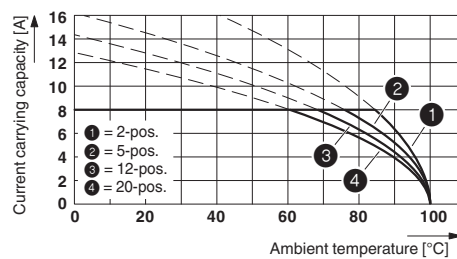
|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|                                  | CSA    |

### Environmental Product Compliance

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

## Drawings

Diagram



## Classifications

### eCl@ss

|            |          |
|------------|----------|
| 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 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |

# Printed-circuit board connector - MC 1,5/ 5-G-3,5 BK - 1876291

## Classifications

### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 11    | 39121409 |
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2  | 39121409 |

## Approvals


### Approvals


#### Approvals


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

#### Ex Approvals

### Approval details

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


|   |   |   |          |
|---|---|---|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a> | 40011723 |
|   |   |   |          |
| Nominal current IN                      |   | 8 A   |          |
| Nominal voltage UN                      |   | 160 V   |          |


|                    |   |   |                |
|--------------------|---|---|----------------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58415-B1B2 |
|                    |   |   |                |
| Nominal current IN |   | 8 A   |                |
| Nominal voltage UN |   | 160 V   |                |

# Printed-circuit board connector - MC 1,5/ 5-G-3,5 BK - 1876291

## Approvals

|                    |       |                |
|--------------------|-------|----------------|
| CCA                |       | CCA/ DE1 34219 |
| 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   |                 |

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