

# Printed-circuit board connector - ICV 2,5/ 5-G-5,08 BK - 1920969

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PCB headers, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: Wave soldering




The figure shows a 10-position version of the product

## Your advantages

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Easy PCB replacement thanks to plug-in modules
- ✓ Well-known mounting principle allows worldwide use
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 50 pc   |
| GTIN         | <br>4 017918 201678 |
| GTIN         | 4017918201678   |

## Technical data

### Dimensions

|                          |                |
|--------------------------|----------------|
| Length [ l ]             | 10.2 mm        |
| Width                    | 27.4 mm        |
| Pitch                    | 5.08 mm        |
| Dimension a              | 20.32 mm       |
| Width [ w ]              | 27.4 mm        |
| Height [ h ]             | 22.5 mm        |
| Height                   | 18.9 mm        |
| Length of the solder pin | 3.6 mm         |
| Pin dimensions           | 0.47 x 1.15 mm |
| Length                   | 10.2 mm        |

### General

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## Technical data

### General

|                                  |              |
|----------------------------------|--------------|
| Range of articles                | ICV 2,5/..-G |
| Rated voltage (III/3)            | 320 V        |
| Connection in acc. with standard | EN-VDE       |
| Nominal current I <sub>N</sub>   | 12 A         |
| Color                            | black        |
| Number of positions              | 5            |

### 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          |

## 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 | 10 A  | 10 A  |       |

|                    |   |   |                |
|--------------------|---|---|----------------|
| IECEE CB Scheme    |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58978-B1B2 |
| Nominal voltage UN | 250 V   |   |                |
| Nominal current IN | 12 A  |   |                |

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## 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> | 40004701 |
| Nominal voltage UN                         |  | 250 V  |          |
| Nominal current IN                         |  | 12 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> | E60425-19931014 |
| D                  |  | B   |                 |
| Nominal voltage UN |  | 300 V   | 250 V           |
| Nominal current IN |  | 10 A  | 12 A            |

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