

## Printed-circuit board connector - CCVA 2,5/11- G-5,08RNP26THRR88 - 1956289

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PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 11, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, Article with self-locking flange; user information and design recommendations on through-hole reflow technology can be found at: "Downloads"



### Why buy this product

- ✓ Designed for integration into the SMT soldering process
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Closed contour for optimum stability of the plug-in connection
- ✓ Intuitive locking mechanism prevents accidental disconnection



### Key Commercial Data

|                        |                                                                                      |
|------------------------|--------------------------------------------------------------------------------------|
| Packing unit           | 140 STK                                                                              |
| Minimum order quantity | 140 STK                                                                              |
| GTIN                   |  |
| GTIN                   | 4017918927035                                                                        |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 8.6 mm   |
| Pitch                    | 5.08 mm  |
| Dimension a              | 50.8 mm  |
| Width [ w ]              | 61.7 mm  |
| Constructional height    | 12 mm    |
| Height [ h ]             | 14.6 mm  |
| Length of the solder pin | 2.6 mm   |
| Pin dimensions           | 1 x 1 mm |
| Hole diameter            | 1.6 mm   |

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## Technical data

### General

|                                        |                     |
|----------------------------------------|---------------------|
| Range of articles                      | CCVA 2,5/...-G-RN   |
| Insulating material group              | IIIa                |
| Rated surge voltage (III/3)            | 4 kV                |
| Rated surge voltage (III/2)            | 4 kV                |
| Rated surge voltage (II/2)             | 4 kV                |
| Rated voltage (III/3)                  | 250 V               |
| Rated voltage (III/2)                  | 320 V               |
| Rated voltage (II/2)                   | 400 V               |
| Connection in acc. with standard       | EN-VDE              |
| Nominal current $I_N$                  | 12 A                |
| Maximum load current                   | 12 A (per position) |
| Insulating material                    | LCP                 |
| Flammability rating according to UL 94 | V0                  |
| Color                                  | black               |
| Number of positions                    | 11                  |

### Standards and Regulations

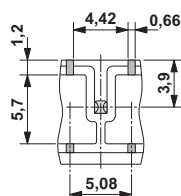
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CUL    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

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

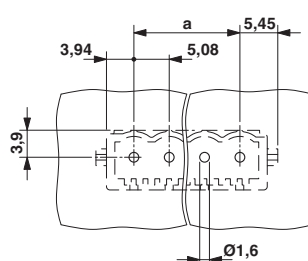
## Drawings

Dimensional drawing



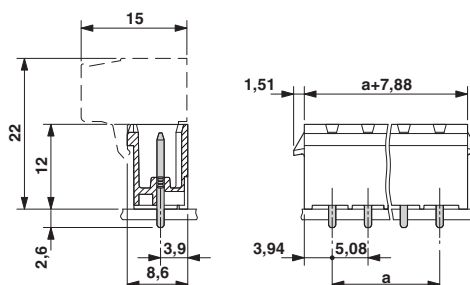
Bottom view, free space for solder paste, 0.55 mm deep

Drilling diagram



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Dimensional drawing



## Approvals

### Approvals

#### Approvals

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

#### 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> | 40041286 |
| Nominal voltage UN                         | 400 V                                                                               |                                                                                                                                                                                                                |          |
| Nominal current IN                         | 12 A                                                                                |                                                                                                                                                                                                                |          |

|                    |                                                                                     |                                                                                                                                                       |                 |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 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> | E60425-19931011 |
|                    | D                                                                                   | B                                                                                                                                                     |                 |
| Nominal voltage UN | 300 V                                                                               | 300 V                                                                                                                                                 |                 |
| Nominal current IN | 10 A                                                                                | 16 A                                                                                                                                                  |                 |

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

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### Approvals

|                    |  |                                                                                   |                                                           |                |
|--------------------|--|-----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme    |  |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-58421-B1B2 |
| Nominal voltage UN |  | 400 V                                                                             |                                                           |                |
| Nominal current IN |  | 12 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>