

# Printed-circuit board connector - CCVA 2,5/14-G P20 THR - 1837145

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PCB headers, nominal current: 12 A, number of positions: 14, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"



The figure shows a 16-position version

## Your advantages

- Designed for integration into the SMT soldering process
- 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



## Key Commercial Data

|                        |               |
|------------------------|---------------|
| Packing unit           | 52 pc         |
| Minimum order quantity | 52 pc         |
| GTIN                   |               |
| GTIN                   | 4055626023526 |

## Technical data

### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 8.57 mm  |
| Width                    | 72.8 mm  |
| Pitch                    | 5 mm     |
| Dimension a              | 65 mm    |
| Width [ w ]              | 72.8 mm  |
| Height [ h ]             | 14 mm    |
| Height                   | 12 mm    |
| Length of the solder pin | 2 mm     |
| Pin dimensions           | 1 x 1 mm |
| Length                   | 8.57 mm  |

### General

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## Technical data

### General

|  |                     |
|--|---------------------|
| Range of articles                      | CCVA 2,5/..-G       |
| 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 <sub>N</sub>         | 12 A                |
| Maximum load current                   | 12 A (per position) |
| Insulating material                    | LCP                 |
| Flammability rating according to UL 94 | V0                  |
| Color                                  | black               |
| Number of positions                    | 14                  |

### Packaging information

|                            |                     |
|----------------------------|---------------------|
| Type of packaging          | packed in cardboard |
| Pieces per package         | 52                  |
| Denomination packing units | Pcs.                |

### Standards and Regulations

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

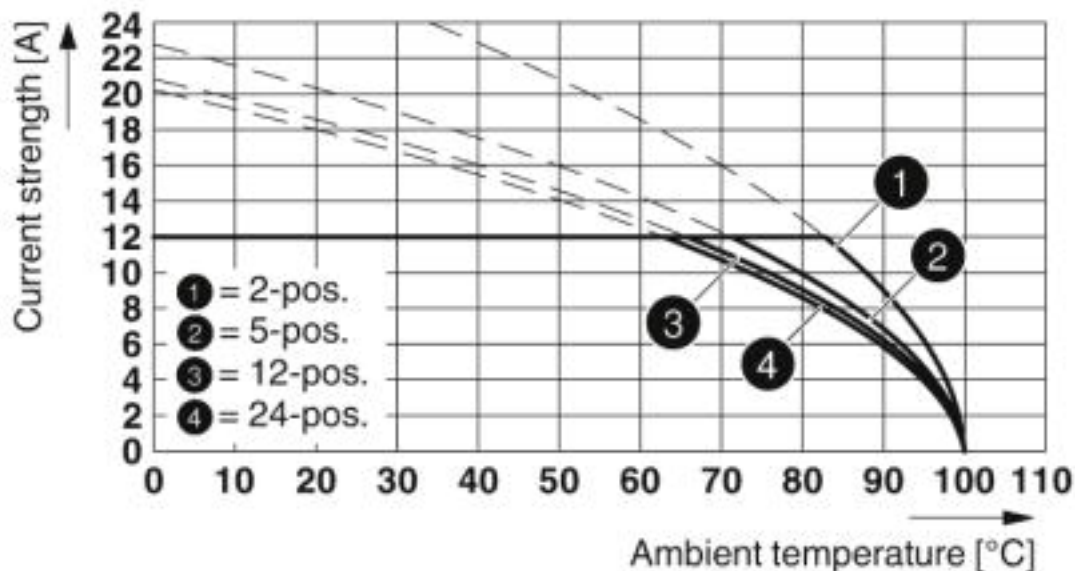
### Environmental Product Compliance

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

## Drawings

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Diagram



Type: MSTB 2,5/...-ST with CCVA 2,5/...-G P20 THR

## Approvals

Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

## Approval details

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

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

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