

# Printed-circuit board connector - CC 2,5/ 8-GF-LR P20THRR88 - 1836971

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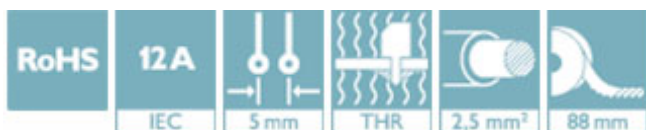
PCB headers, nominal current: 12 A, number of positions: 8, pitch: 5 mm, color: black, contact surface: Tin, mounting: THR soldering



The figure shows an 10-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
- ✓ Automatic locking and intuitive release through Lock and Release operating lever in contrasting color
- ✓ Screwable flange for superior mechanical stability



## Key Commercial Data

|                        |               |
|------------------------|---------------|
| Packing unit           | 330 pc        |
| Minimum order quantity | 330 pc        |
| GTIN                   |               |
| GTIN                   | 4055626021362 |

## Technical data

### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 12 mm    |
| Width                    | 50 mm    |
| Pitch                    | 5 mm     |
| Dimension a              | 35 mm    |
| Width [ w ]              | 50 mm    |
| Height [ h ]             | 10.57 mm |
| Height                   | 8.57 mm  |
| Length of the solder pin | 2 mm     |
| Pin dimensions           | 1 x 1 mm |

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## Technical data

### Dimensions

|        |       |
|--------|-------|
| Length | 12 mm |
|--------|-------|

### General

|  |                 |
|--|-----------------|
| Range of articles                      | CC 2,5/..-GF-LR |
| 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/2)                  | 320 V           |
| Rated voltage (II/2)                   | 400 V           |
| Connection in acc. with standard       | EN-VDE          |
| Nominal current I <sub>N</sub>         | 12 A            |
| Insulating material                    | LCP             |
| Flammability rating according to UL 94 | V0              |
| Color                                  | black           |
| Number of positions                    | 8               |

### Packaging information

|                             |                 |
|-----------------------------|-----------------|
| Type of packaging           | 88 mm wide tape |
| Pieces per package          | 330             |
| Denomination packing units  | Pcs.            |
| [W] tape width              | 88 mm           |
| [A] coil diameter           | 330 mm          |
| [W2] coil overall dimension | 94.4 mm         |
| Outer packaging type        | Transparent-Bag |

### Standards and Regulations

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

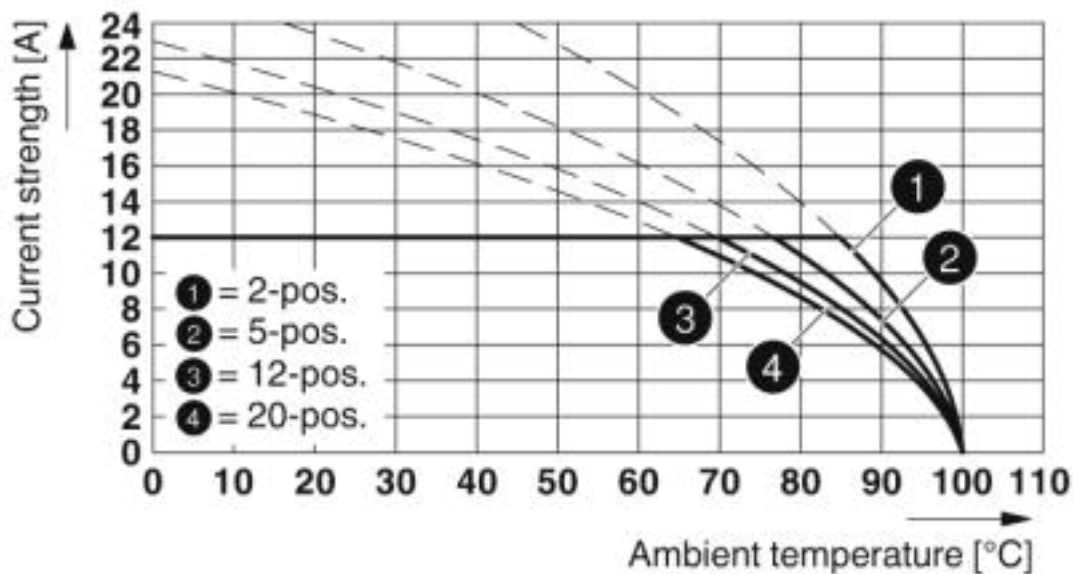
### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

# Printed-circuit board connector - CC 2,5/ 8-GF-LR P20THRR88 - 1836971

Diagram



Type: MSTB 2,5/...-STF with CC 2,5/...-GF-LR 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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