

# Printed-circuit board connector - CCA 2,5/16-G-5,08 P26THR - 1827676

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PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 16, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.6 mm



## 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                   | <br>4 046356 952903 |
| GTIN                   | 4046356952903                                                                                           |

## Technical data

### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 12 mm    |
| Width                    | 84.08 mm |
| Pitch                    | 5.08 mm  |
| Dimension a              | 76.2 mm  |
| Width [ w ]              | 84.08 mm |
| Height [ h ]             | 11.17 mm |
| Installed height         | 8.57 mm  |
| Length of the solder pin | 2.6 mm   |
| Pin dimensions           | 1 x 1 mm |
| Length                   | 12 mm    |

### General

|                   |               |
|-------------------|---------------|
| Range of articles | CCA 2,5/...-G |
|-------------------|---------------|

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## Technical data

### General

|                                        |                     |
|----------------------------------------|---------------------|
| Rated voltage (III/3)                  | 250 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                    | 16                  |

### Standards and Regulations

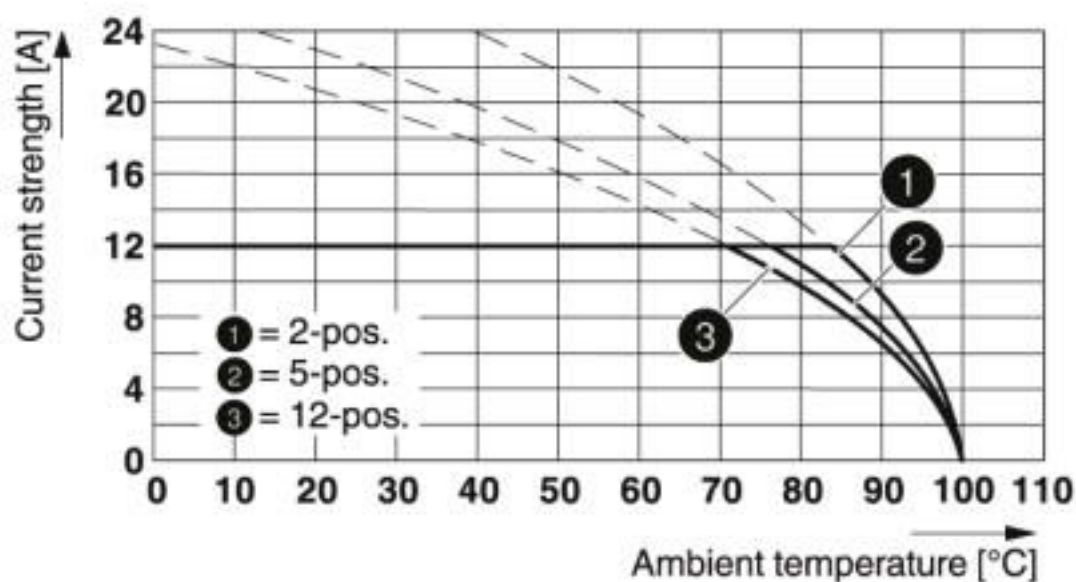
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

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

## Drawings

Diagram



Type: FK 2,5/...-ST-5,08 with CCA 2,5/...-G-5,08 P26THR

## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440402 |
|---------------|----------|

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27260700 |
| eCl@ss 4.1 | 27260700 |
| eCl@ss 5.0 | 27260700 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |
| ETIM 7.0 | EC002637 |

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 39121409 |
| UNSPSC 18.0 | 39121409 |
| UNSPSC 19.0 | 39121409 |
| UNSPSC 20.0 | 39121409 |
| UNSPSC 21.0 | 39121409 |

### Approvals

#### Approvals

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Approvals

EAC / cULus Recognized

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Ex Approvals

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#### Approval details

|     |                                                                                     |         |
|-----|-------------------------------------------------------------------------------------|---------|
| EAC |  | B.01687 |
|-----|-------------------------------------------------------------------------------------|---------|

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### Approvals

|                    |                                                                                   |                                                                                                                                                                       |
|--------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                  |

### Accessories

#### Accessories

#### Coding element

Coding section - CR-MSTB - 1734401

Coding section, inserted into the recess in the header or the inverted plug, red insulating material



Coding section - CR-MSTB NAT HT - 1954362

HT coding section, prior to the reflow soldering process it is inserted into the recess on the header, made from high-temperature-resistant beige insulation material



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