

# Printed-circuit board connector - CC 2,5/15-GF-5,08-LR P26THR - 1827540

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm<sup>2</sup>, number of positions: 15, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2.6 mm



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



## Key Commercial Data

|                        |                                                                                      |
|------------------------|--------------------------------------------------------------------------------------|
| Packing unit           | 52 pc                                                                                |
| Minimum order quantity | 52 pc                                                                                |
| GTIN                   |  |
| GTIN                   | 4046356953177                                                                        |

## Technical data

### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 12 mm    |
| Width                    | 86.31 mm |
| Pitch                    | 5.08 mm  |
| Dimension a              | 71.12 mm |
| Width [ w ]              | 86.31 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 |

# Printed-circuit board connector - CC 2,5/15-GF-5,08-LR P26THR - 1827540

## 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/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             |
| Insulating material                    | LCP              |
| Flammability rating according to UL 94 | V0               |
| Color                                  | black            |
| Number of positions                    | 15               |

### Standards and Regulations

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

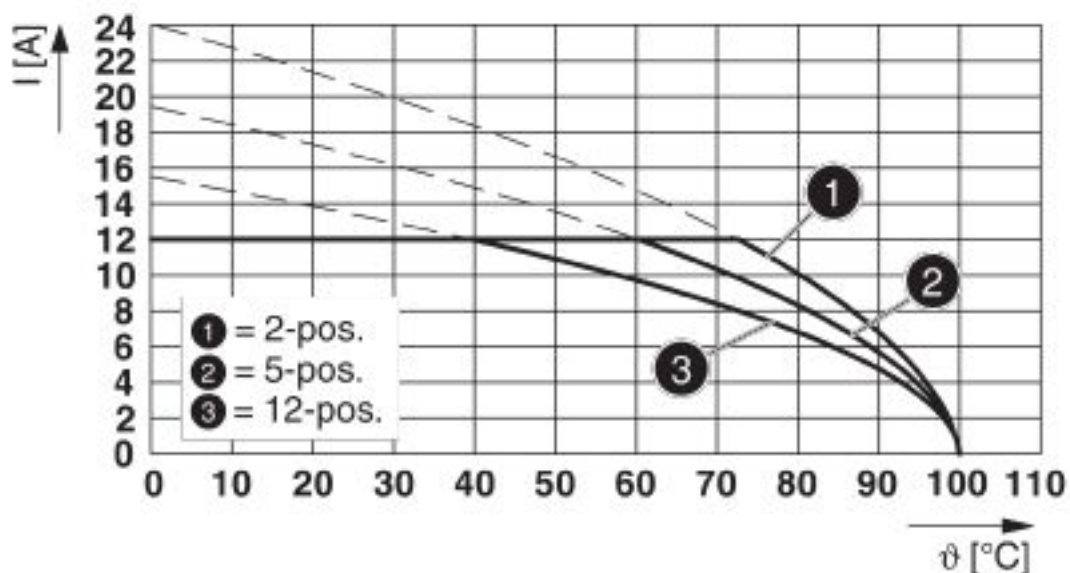
### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

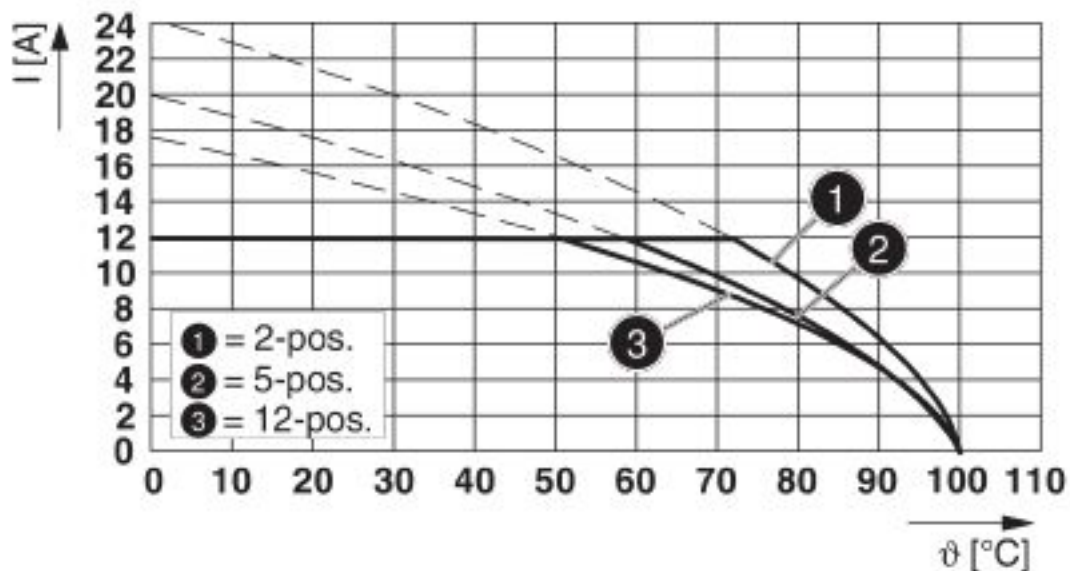
## Printed-circuit board connector - CC 2,5/15-GF-5,08-LR P26THR - 1827540

Diagram



Type: MVSTB(R/W) 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

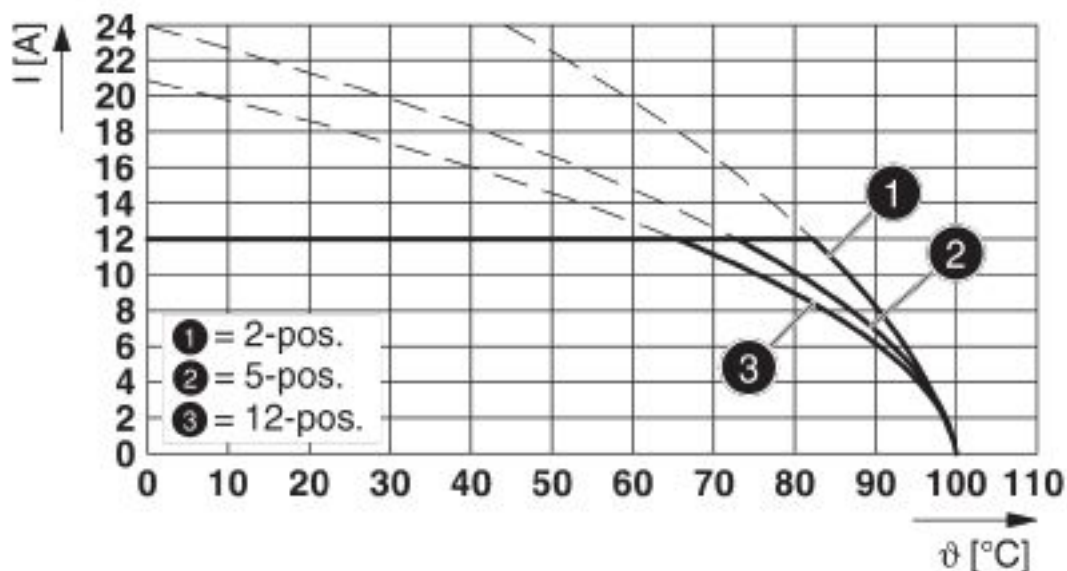
Diagram



Type: SMSTB 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

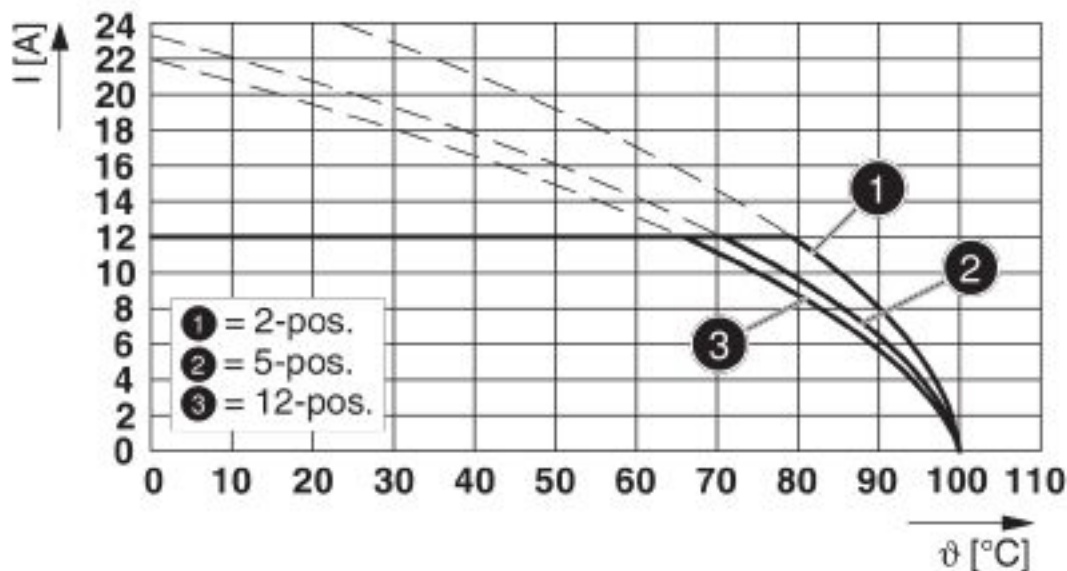
## Printed-circuit board connector - CC 2,5/15-GF-5,08-LR P26THR - 1827540

Diagram



Type: MSTBT 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

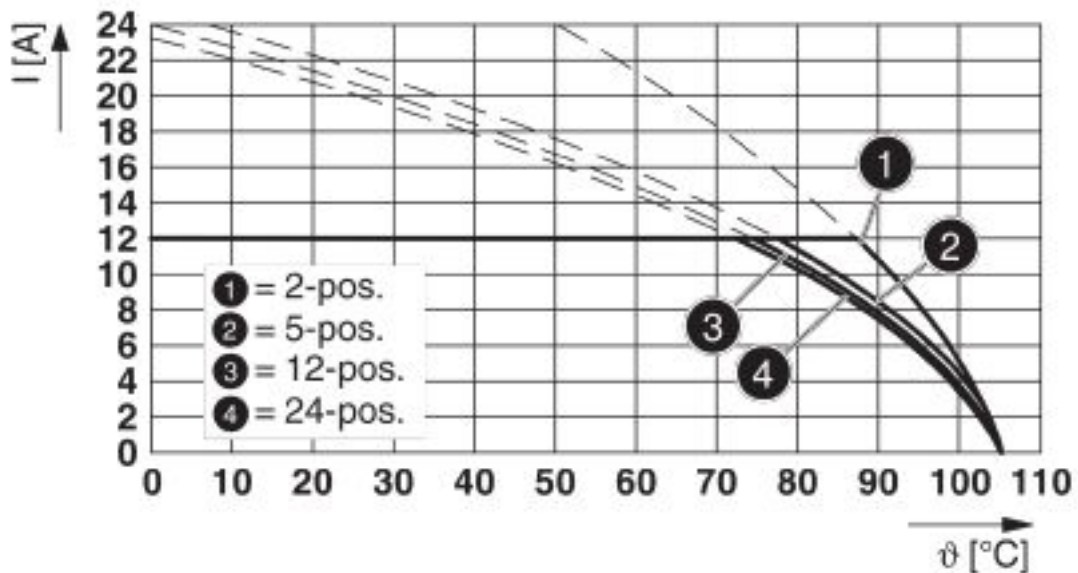
Diagram



Type: FRONT-MSTB 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

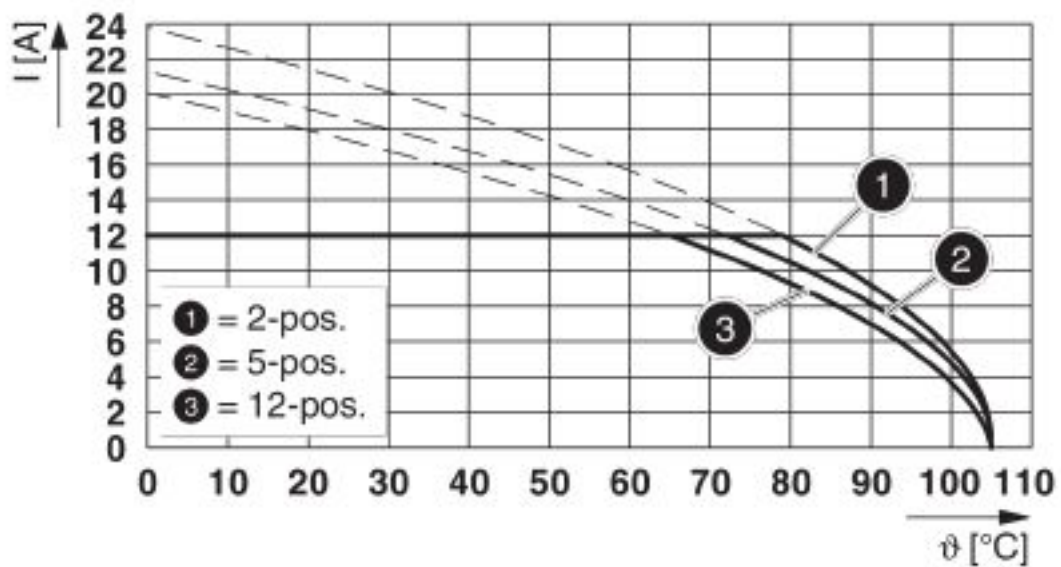
## Printed-circuit board connector - CC 2,5/15-GF-5,08-LR P26THR - 1827540

Diagram



Type: MSTB 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

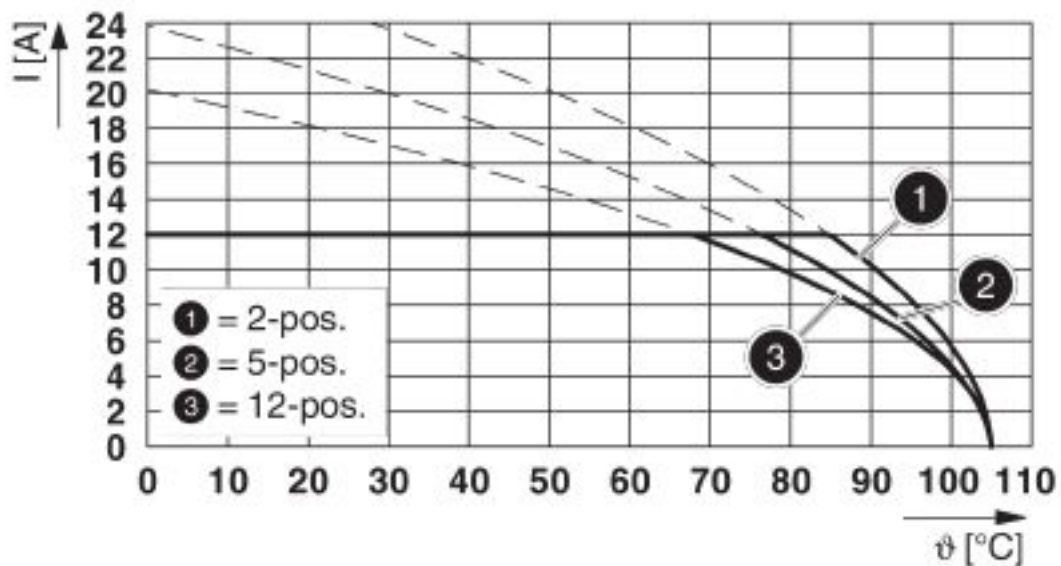
Diagram



Type: FKCS 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

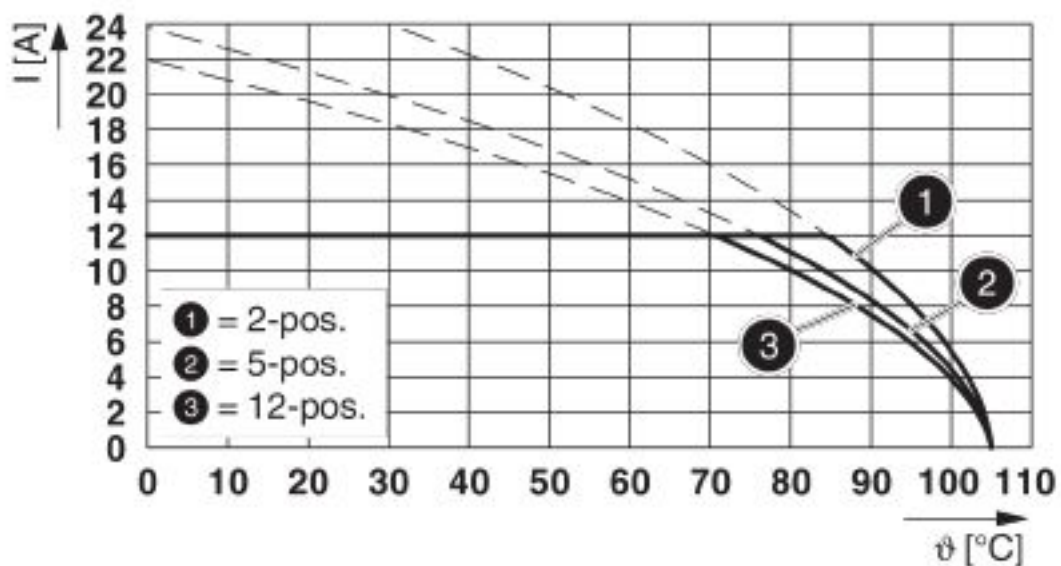
## Printed-circuit board connector - CC 2,5/15-GF-5,08-LR P26THR - 1827540

Diagram



Type: FKCN 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

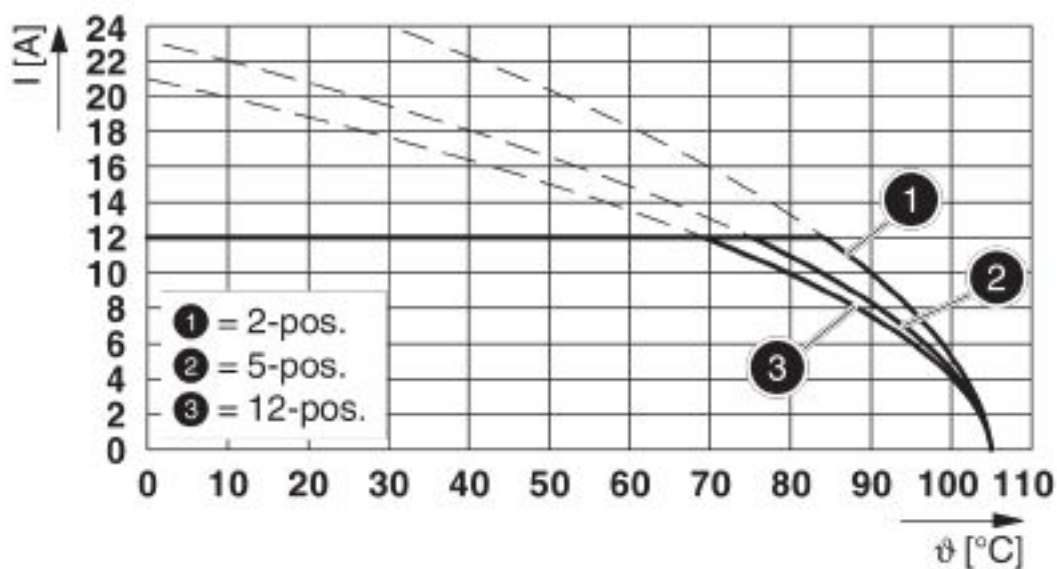
Diagram



Type: FKCT 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

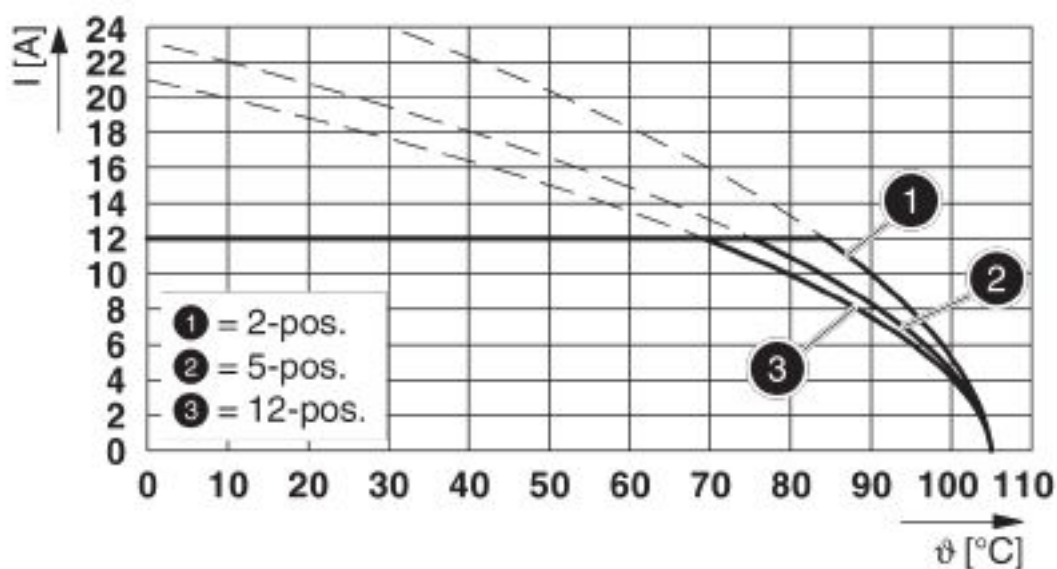
## Printed-circuit board connector - CC 2,5/15-GF-5,08-LR P26THR - 1827540

Diagram



Type: FKCVR 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

Diagram



Type: FKCVW 2,5/...-STF-5,08 with CC 2,5/...-GF-5,08-LR P...THR

### Classifications

eCl@ss

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

## Printed-circuit board connector - CC 2,5/15-GF-5,08-LR P26THR - 1827540

### 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

---

Approvals

EAC / cULus Recognized

---

Ex Approvals

---

#### Approval details

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

## Printed-circuit board connector - CC 2,5/15-GF-5,08-LR P26THR - 1827540

### 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

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1827540](#)