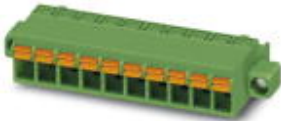


## Printed-circuit board connector - FKCN 2,5/ 9-STF-5,08 - 1754869

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PCB connector, nominal current: 12 A, number of positions: 9, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin




The figure shows a 10-position version of the product

### Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Intuitive use through colour coded actuation lever
- ✓ Extremely small design for the respective conductor cross section
- ✓ Quick and convenient testing using integrated test option
- ✓ Screwable flange for superior mechanical stability



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 pc  |
| Minimum order quantity               | 50 pc   |
| GTIN                                 | <br>4 046356 330534 |
| GTIN                                 | 4046356330534   |
| Weight per Piece (excluding packing) | 11.600 g  |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Bulgaria  |

### Technical data

#### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 27.1 mm  |
| Width [ w ]  | 55.72 mm |
| Height [ h ] | 10.9 mm  |

# Printed-circuit board connector - FKCN 2,5/ 9-STF-5,08 - 1754869

## Technical data

### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 5.08 mm  |
| Dimension a | 40.64 mm |

### General

|  |                           |
|--|---------------------------|
| Range of articles                      | FKCN 2,5/..-STF           |
| Number of positions                    | 9                         |
| Connection method                      | Push-in spring connection |
| Insulating material group              | I                         |
| 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)                  | 320 V                     |
| Rated voltage (III/2)                  | 320 V                     |
| Rated voltage (II/2)                   | 630 V                     |
| Connection in acc. with standard       | EN-VDE                    |
| Nominal current $I_N$                  | 12 A                      |
| Nominal cross section                  | 2.5 mm <sup>2</sup>       |
| Maximum load current                   | 12 A                      |
| Insulating material                    | PA                        |
| Flammability rating according to UL 94 | V0                        |
| Stripping length                       | 10 mm                     |

### Connection data

|  |                      |
|--|----------------------|
| Conductor cross section solid min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.   | 1.5 mm <sup>2</sup>  |
| Conductor cross section flexible min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.                                      | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.    | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.    | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.   | 24                   |
| Conductor cross section AWG max.   | 16                   |
| Minimum AWG according to UL/CUL  | 24                   |
| Maximum AWG according to UL/CUL  | 14                   |

### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|                                  | CUL    |

# Printed-circuit board connector - FKCN 2,5/ 9-STF-5,08 - 1754869

## Technical data

### Standards and Regulations

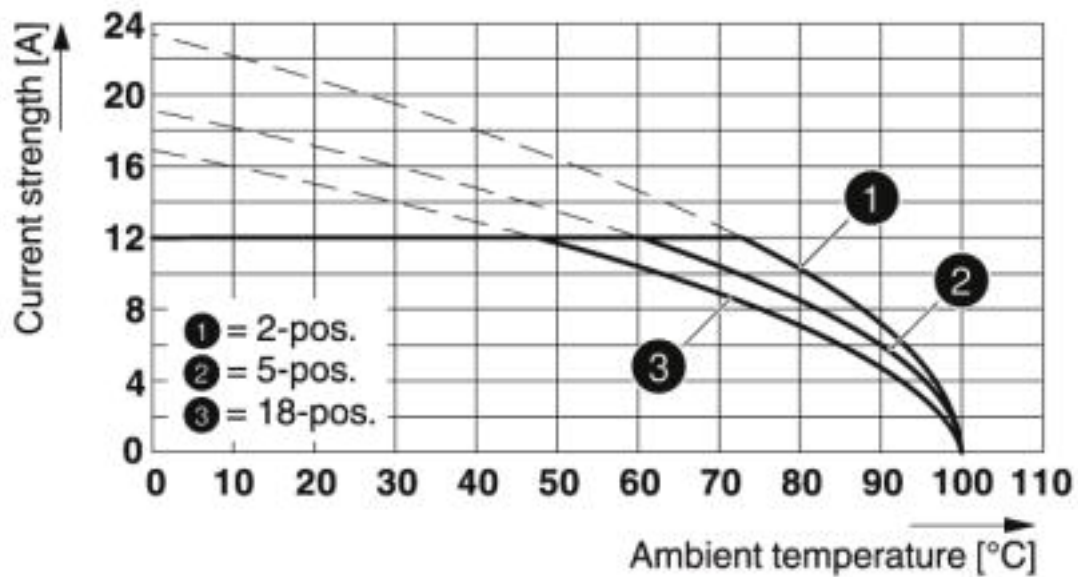
|  |    |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

### Environmental Product Compliance

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

## Drawings

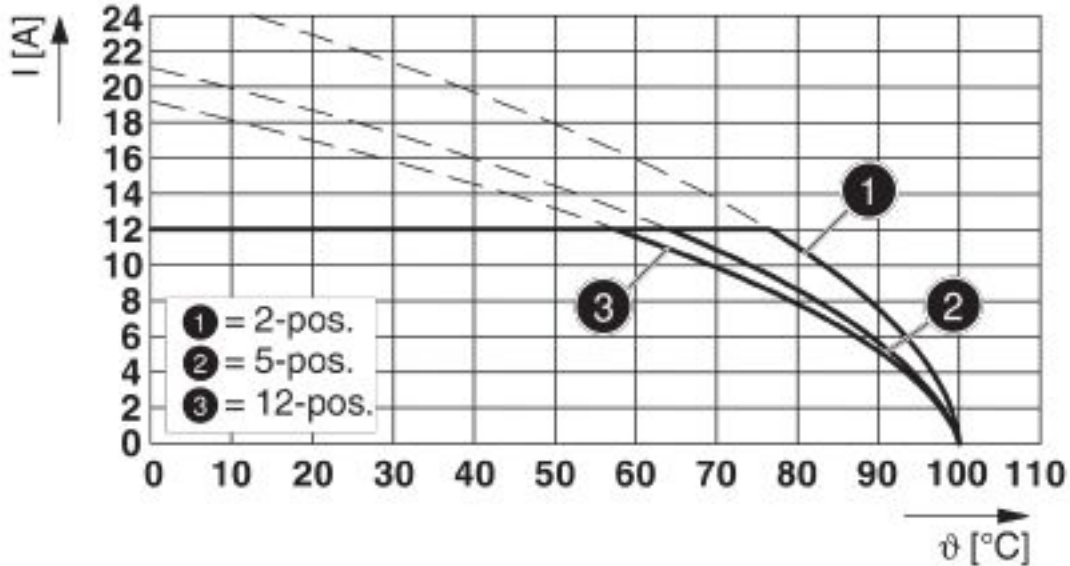
Diagram



Type: FKCN 2,5/...-STF-5,08 with CCDN 2,5/...-G1F-5,08 P26 THR

# Printed-circuit board connector - FKCN 2,5/ 9-STF-5,08 - 1754869

Diagram



Type: FKCN 2,5/...-STF-5,08 with MDSTB 2,5/...-GF-5,08

## 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 | 27440309 |
| eCl@ss 8.0 | 27440309 |
| eCl@ss 9.0 | 27440309 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |
| ETIM 6.0 | EC002638 |
| ETIM 7.0 | EC002638 |

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 6.01 | 30211810 |
|-------------|----------|

# Printed-circuit board connector - FKCN 2,5/ 9-STF-5,08 - 1754869

## Classifications

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

## Approvals

### Approvals


Approvals

EAC / cULus Recognized

Ex Approvals

### Approval details

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

|                            |   |   |                 |
|----------------------------|---|---|-----------------|
| 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> | E60425-19931012 |
|                            | B   | D   |                 |
| Nominal voltage UN         | 300 V   | 300 V   |                 |
| Nominal current IN         | 10 A  | 10 A  |                 |
| mm <sup>2</sup> /AWG/kcmil | 24-14   | 24-14   |                 |

## Accessories

### Additional products

Printed-circuit board connector - CCDN 2,5/ 9-G1F-5,08 P26 THR - 1753378



PCB headers, nominal current: 12 A, number of positions: 9, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering

## Printed-circuit board connector - FKCN 2,5/ 9-STF-5,08 - 1754869

### Accessories

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#### Feed-through header - MSTB 2,5/ 9-GF-5,08 - 1776579

PCB headers, nominal current: 12 A, number of positions: 9, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



#### Printed-circuit board connector - MSTBV 2,5/ 9-GF-5,08 - 1777141

PCB headers, nominal current: 12 A, number of positions: 9, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



#### Feed-through header - MDSTBV 2,5/ 9-GF-5,08 - 1845701

PCB headers, nominal current: 10 A, number of positions: 9, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!



#### Printed-circuit board connector - DFK-MSTBA 2,5/ 9-GF-5,08 - 1899058



Feed-through header, nominal current: 12 A, number of positions: 9, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

#### Printed-circuit board connector - DFK-MSTBVA 2,5/ 9-GF-5,08 - 1899359



Feed-through header, nominal current: 12 A, number of positions: 9, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

## Printed-circuit board connector - FKCN 2,5/ 9-STF-5,08 - 1754869

### Accessories

Printed-circuit board connector - CC 2,5/ 9-GF-5,08 P26THR - 1954760

PCB headers, nominal current: 12 A, number of positions: 9, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"



Printed-circuit board connector - CC 2,5/ 9-GF-5,08 P26THRR88 - 1954870

PCB headers, nominal current: 12 A, number of positions: 9, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"



Printed-circuit board connector - CCV 2,5/ 9-GF-5,08 P26THR - 1955701

PCB headers, nominal current: 12 A, number of positions: 9, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"



Printed-circuit board connector - CCV 2,5/ 9-GF-5,08 P26THRR88 - 1955811

PCB headers, nominal current: 12 A, number of positions: 9, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

