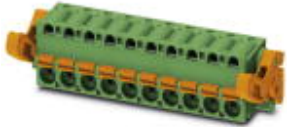


## Printed-circuit board connector - FKC 2,5/12-ST-5,08-LR - 1792614

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



### Product Features

- Can be combined with the MSTB 2,5 range
- For larger numbers of positions up to 24-pos., visit: [phoenixcontact.net/products](http://phoenixcontact.net/products)
- Fast conductor connection thanks to Push-in spring-cage connection
- Contacting of solid or stranded conductors with ferrules without actuating the opening lever directly in the terminal point
- Two test connections for accommodating 2 mm Ø test pins or 2.3 mm Ø test plug



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 23.2 g   |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 5.08 mm  |
| Dimension a | 55.88 mm |

#### General

|                             |                  |
|-----------------------------|------------------|
| Range of articles           | FKC 2,5/..-ST-LR |
| 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             |

# Printed-circuit board connector - FKC 2,5/12-ST-5,08-LR - 1792614

## Technical data

### General

|  |                     |
|--|---------------------|
| Rated voltage (III/3)                  | 250 V               |
| Rated voltage (III/2)                  | 320 V               |
| Rated voltage (II/2)                   | 630 V               |
| Connection in acc. with standard       | EN-VDE              |
| Nominal current I <sub>N</sub>         | 12 A                |
| Nominal cross section                  | 2.5 mm <sup>2</sup> |
| Insulating material                    | PA                  |
| Flammability rating according to UL 94 | V0                  |
| Internal cylindrical gage              | A2                  |
| Stripping length                       | 10 mm               |
| Number of positions                    | 12                  |

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 2.5 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.              | 2.5 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.                 | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.  | 24                   |
| Conductor cross section AWG max.  | 12                   |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>    |
| Minimum AWG according to UL/CUL   | 26                   |
| Maximum AWG according to UL/CUL   | 12                   |

### Standards and Regulations

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

### Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
|------------|----------|

# Printed-circuit board connector - FKC 2,5/12-ST-5,08-LR - 1792614

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440309 |
| eCl@ss 9.0 | 27440309 |

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

## Approvals

### Approvals

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#### Approvals

EAC / cULus Recognized / EAC

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

|     |
|-----|
| EAC |
|-----|

# Printed-circuit board connector - FKC 2,5/12-ST-5,08-LR - 1792614

## Approvals

|                                |       |       |
|--------------------------------|-------|-------|
| cULus Recognized               |       |       |
|                                | B     | D     |
| mm <sup>2</sup> /AWG/kcmil     | 26-12 | 26-12 |
| Nominal current I <sub>N</sub> | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

|     |
|-----|
| EAC |
|-----|

## Drawings

Dimensional drawing

