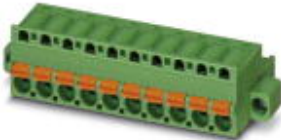


# Printed-circuit board connector - FKC 2,5/ 5-STF-5,08 EX - 1796021

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Nominal current (Ex): 12 A, Nominal voltage (Ex): 275 V, Number of positions: 5, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

## Why buy this product

- Plug-in direction parallel to the conductor axis
- Ex approval for voltages up to 176/275 V, observe voltage specifications for headers



## Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 0   |
| Minimum order quantity | 1   |
| Catalog page           | Page 345 (CC-2011)  |
| GTIN                   | <br>4 046356 635332 |
| Custom tariff number   | 85366990  |
| Country of origin      | GERMANY   |

## Technical data

### Dimensions / positions

|                     |          |
|---------------------|----------|
| Pitch               | 5.08 mm  |
| Dimension a         | 20.32 mm |
| Number of positions | 5        |

### Technical data

|                             |                   |
|-----------------------------|-------------------|
| Range of articles           | FKC 2,5/..-STF-EX |
| 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/2)       | 320 V             |
| Rated voltage (II/2)        | 630 V             |

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## Technical data

### Technical data

|   |                     |
|---|---------------------|
| Connection in acc. with standard        | EN-VDE              |
| Nominal current I <sub>N</sub>          | 12 A                |
| Nominal voltage U <sub>N</sub>          | 250 V               |
| Nominal cross section                   | 2.5 mm <sup>2</sup> |
| Insulating material                     | PA                  |
| Inflammability class according to UL 94 | V0                  |
| Internal cylindrical gage               | A2                  |
| Stripping length                        | 10 mm               |

### Connection data

|   |                     |
|---|---------------------|
| Conductor cross section solid min.  | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.  | 2.5 mm <sup>2</sup> |
| Conductor cross section stranded min.   | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded max.   | 2.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.  | 24                  |
| Conductor cross section AWG/kcmil 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>   |

## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |

### etim

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

### unspsc

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

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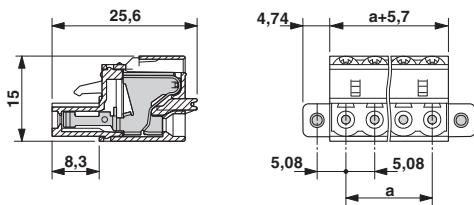
## Classifications

unspsc

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

## Drawings

Dimensioned drawing



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