

## Printed-circuit board connector - FKCN 2,5/ 5-ST - 1732771

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product

### Product Features

- Maximum contact and packing density in combination with double-level CCDN 2,5 headers
- User-friendly actuation of the terminal point using a screwdriver
- Plug-in direction parallel to the conductor axis
- Wiring space for conductor cross sections up to 2.5 mm<sup>2</sup>
- Ultra-flat design height of just 10.9 mm
- Fast conductor connection thanks to Push-in spring-cage connection



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	6.63 g
Custom tariff number	85366990
Country of origin	Bulgaria

### Technical data

#### Dimensions

Pitch	5.00 mm
Dimension a	20 mm

#### General

Range of articles	FKCN 2,5/..-ST
Insulating material group	I

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## Technical data

### General

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	PBT
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	5
Note	Soldering process: Processing using reflow processes in compliance with IEC 60068-2-58 or DIN EN 61760-1 (always the latest version).

### 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

### Standards and Regulations

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

### Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701

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## Classifications

### eCl@ss

eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

### ETIM

ETIM 3.0	EC001121
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 / VDE Gutachten mit Fertigungsüberwachung / IECCEB CB Scheme / EAC

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#### Ex Approvals

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#### Approvals submitted


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#### Approval details

EAC
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## Approvals

VDE Gutachten mit Fertigungsüberwachung 	
mm <sup>2</sup> /AWG/kcmil	0.2-2.5
Nominal current I <sub>N</sub>	12 A
Nominal voltage U <sub>N</sub>	400 V

IECEE CB Scheme 
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EAC
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## Drawings

Dimensional drawing

