

# Printed-circuit board connector - FKCN 2,5/ 2-ST-5,08 - 1754568

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Spring-cage conn., 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
- Wiring space for conductor cross sections up to 2.5 mm<sup>2</sup>
- Plug-in direction parallel to the conductor axis
- Ultra-flat design height of just 10.9 mm
- Fast conductor connection thanks to Push-in spring-cage connection

## Key commercial data

<b>package_quantity</b>	50
<b>GTIN</b>	4046356329521

## Technical data

### Dimensions

<b>Pitch</b>	5.08 mm
<b>Dimension a</b>	5.08 mm

### General

<b>Range of articles</b>	FKCN 2,5/..-ST
<b>Insulating material group</b>	I
<b>Rated surge voltage (III/3)</b>	4 kV
<b>Rated surge voltage (III/2)</b>	4 kV
<b>Rated surge voltage (II/2)</b>	4 kV
<b>Rated voltage (III/3)</b>	320 V
<b>Rated voltage (III/2)</b>	320 V
<b>Rated voltage (II/2)</b>	630 V
<b>Connection in acc. with standard</b>	EN-VDE
<b>Nominal current I<sub>N</sub></b>	12 A
<b>Nominal cross section</b>	2.5 mm <sup>2</sup>
<b>Maximum load current</b>	12 A
<b>Insulating material</b>	PA

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## Technical data

### General

Inflammability class according to UL 94	V0
Stripping length	10 mm
Number of positions	2

### 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 stranded min.	0.2 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.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	14

## classifications

### eCl@ss

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
eCl@ss 8.0	27440402

### 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

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## approvals

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

### Approval details

<b>UL Recognized</b>		
Usegroups	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

<b>cUL Recognized</b>		
Usegroups	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

<b>GOST</b>
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<b>cULus Recognized</b>
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### accessories

### Coding element

CP-MSTB - 1734634



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accessories

### Crimping tool

CRIMPFOX 6 - 1212034



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### Connector

AI 0,5 -10 WH - 3201275



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AI 0,75-10 GY - 3201288



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AI 1 -10 RD - 3200182



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AI 1,5 -10 BK - 3200195



## Printed-circuit board connector - FKCN 2,5/ 2-ST-5,08 - 1754568

### accessories

A 0,5 -10 - 3202494



A 0,75-10 - 3200234



A 1 -10 - 3200250



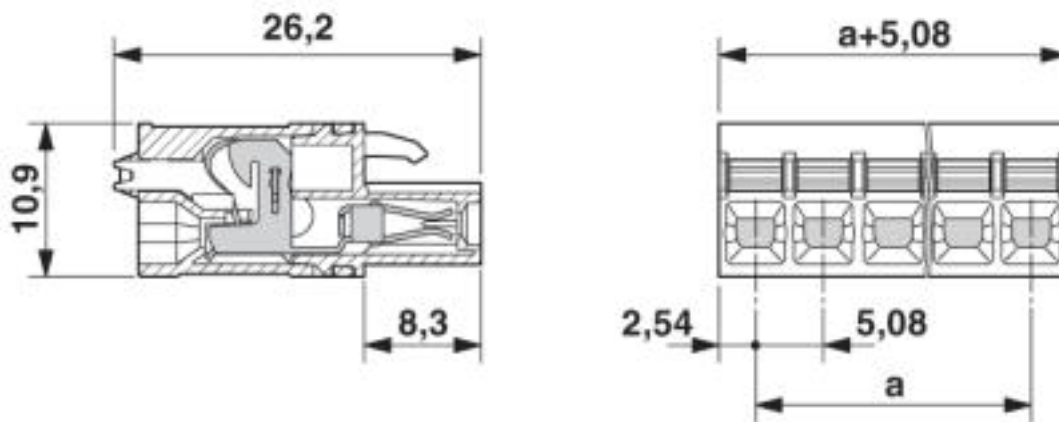
A 1,5 -10 - 3200276



### Drawings

# Printed-circuit board connector - FKCN 2,5/ 2-ST-5,08 - 1754568

Dimensioned drawing



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