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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

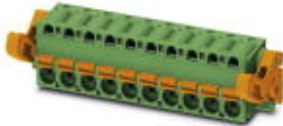
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# Printed-circuit board connector - FKC 2,5/ 5-ST-5,08-LR - 1792546

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



## Why buy this product

- Can be combined with the MSTB 2,5 range
- For larger numbers of positions up to 24-pos., visit: [www.phoenixcontact.net/catalog](http://www.phoenixcontact.net/catalog)
- 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	0
Minimum order quantity	1
Catalog page	Page 249 (CC-2011)
GTIN	 4 046356 615556
Custom tariff number	85369010
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/..-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
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

# Printed-circuit board connector - FKC 2,5/ 5-ST-5,08-LR - 1792546

## Technical data

### Technical data

Nominal voltage UN	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.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 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.	2.5 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.	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	27141190
eCl@ss 6.0	27260704

### etim

ETIM 4.0	EC002638
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### unspsc

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

## Printed-circuit board connector - FKC 2,5/ 5-ST-5,08-LR - 1792546

### Approvals

#### Certificates

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##### Certification

GOST

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##### Certification EX

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##### Certification submitted

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### Approval details

GOST
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### Accessories

#### Additional products

Printed-circuit board connector - CC 2,5/ 5-GF-5,08-LR P26THR - 1792656

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: Black, Contact surface: Tin, Assembly: SMD/THT/THR



Printed-circuit board connector - CCV 2,5/ 5-GF-5,08-LR P26THR - 1792766

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: SMD/THT/THR



### Drawings

# Printed-circuit board connector - FKC 2,5/ 5-ST-5,08-LR - 1792546

Dimensioned drawing

