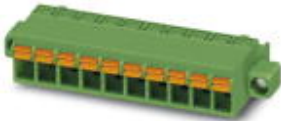


## Printed-circuit board connector - FKCN 2,5/ 5-STF-5,08 - 1754827

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PCB connector, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, connection method: Push-in spring connection, color: green, contact surface: Tin




The figure shows a 10-position version of the product

### Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Intuitive use through colour coded actuation lever
- ✓ Extremely small design for the respective conductor cross section
- ✓ Quick and convenient testing using integrated test option
- ✓ Screwable flange for superior mechanical stability



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 330497
GTIN	4046356330497
Weight per Piece (excluding packing)	10.000 g
Custom tariff number	85366990
Country of origin	Bulgaria

### Technical data

#### Dimensions

Length [ l ]	27.1 mm
Width [ w ]	35.4 mm
Height [ h ]	10.9 mm

# Printed-circuit board connector - FKCN 2,5/ 5-STF-5,08 - 1754827

## Technical data

### Dimensions

Pitch	5.08 mm
Dimension a	20.32 mm

### General

Range of articles	FKCN 2,5/..-STF
Number of positions	5
Connection method	Push-in spring connection
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/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	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm
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
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	14

### Standards and Regulations

# Printed-circuit board connector - FKCN 2,5/ 5-STF-5,08 - 1754827

## Technical data

### Standards and Regulations

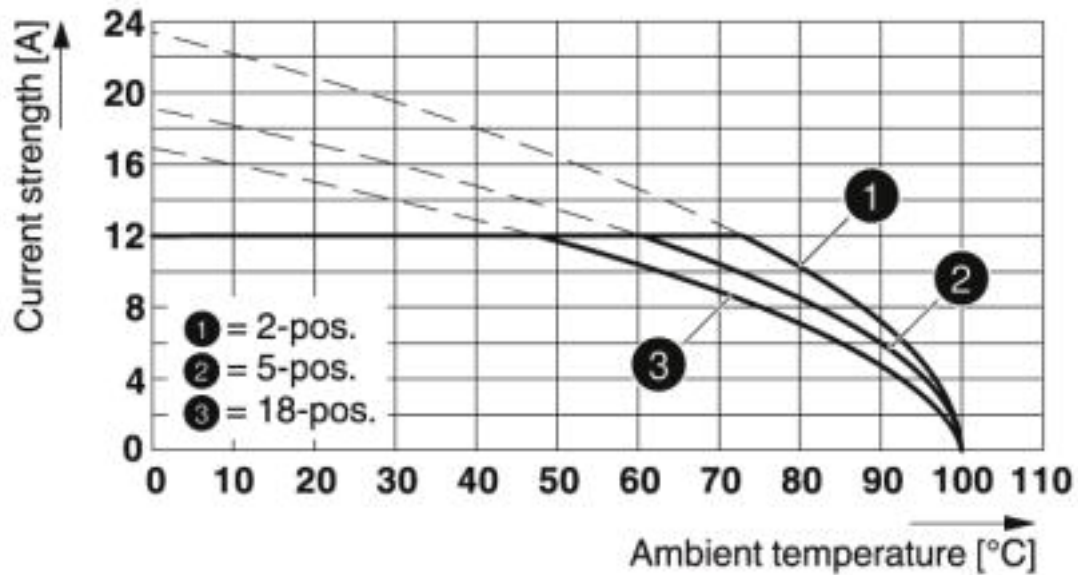
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

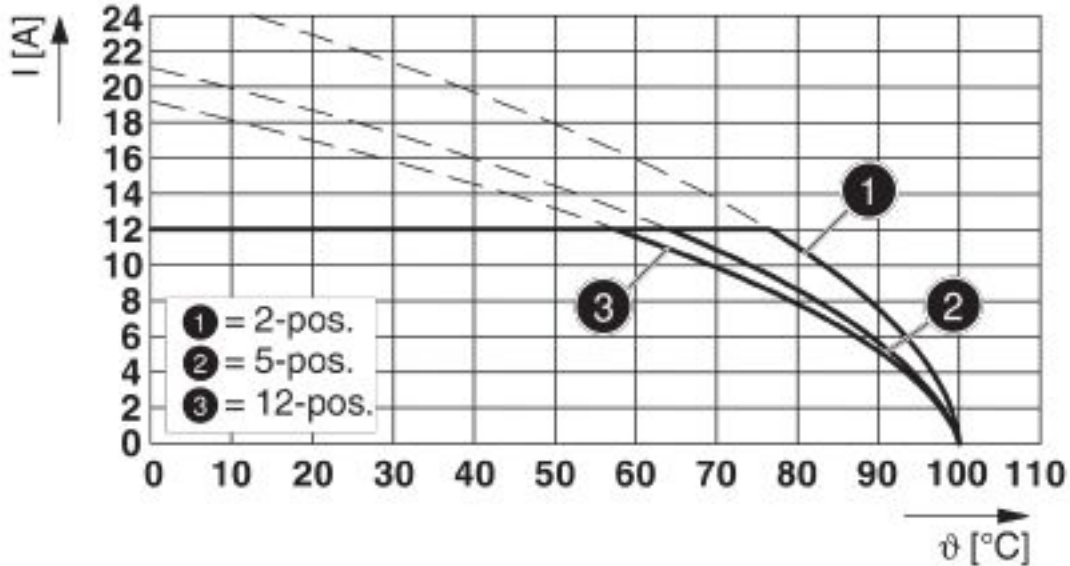
Diagram



Type: FKCN 2,5/...-STF-5,08 with CCDN 2,5/...-G1F-5,08 P26 THR

# Printed-circuit board connector - FKCN 2,5/ 5-STF-5,08 - 1754827

Diagram



Type: FKCN 2,5/...-STF-5,08 with MDSTB 2,5/...-GF-5,08

## Classifications

### eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440309
eCl@ss 8.0	27440309
eCl@ss 9.0	27440309

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638
ETIM 6.0	EC002638
ETIM 7.0	EC002638

### UNSPSC

UNSPSC 6.01	30211810
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# Printed-circuit board connector - FKCN 2,5/ 5-STF-5,08 - 1754827

## Classifications

### UNSPSC

UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

## Approvals

### Approvals


Approvals

EAC / cULus Recognized

Ex Approvals

### Approval details

EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19931012
	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	

## Accessories

### Additional products

Printed-circuit board connector - CCDN 2,5/ 5-G1F-5,08 P26 THR - 1753336



PCB headers, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering

## Printed-circuit board connector - FKCN 2,5/ 5-STF-5,08 - 1754827

### Accessories

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#### Feed-through header - MSTB 2,5/ 5-GF-5,08 - 1776537

PCB headers, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



#### Printed-circuit board connector - MSTBV 2,5/ 5-GF-5,08 - 1777109

PCB headers, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



#### Feed-through header - MDSTBV 2,5/ 5-GF-5,08 - 1845662

PCB headers, nominal current: 10 A, number of positions: 5, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering, The article can be aligned to create different nos. of positions! In combination with MVSTB or FKCV plug components, both an MVSTBW (or FKCVW) and an MVSTBR plug (or FKCVR) must be used. Combination with TMSTBP plug components is not possible!



#### Printed-circuit board connector - DFK-MSTBA 2,5/ 5-GF-5,08 - 1899016



Feed-through header, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

#### Printed-circuit board connector - DFK-MSTBVA 2,5/ 5-GF-5,08 - 1899317



Feed-through header, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

## Printed-circuit board connector - FKCN 2,5/ 5-STF-5,08 - 1754827

### Accessories

Feed-through header - MSTB 2,5/ 5-GF-5,08 THT - 1927593



PCB headers, number of positions: 5, pitch: 5.08 mm, color: black, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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Feed-through header - MSTBV 2,5/ 5-GF-5,08 THT BK - 1940923



PCB headers, number of positions: 5, pitch: 5.08 mm, color: black, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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Printed-circuit board connector - CC 2,5/ 5-GF-5,08 P26THR - 1954728



PCB headers, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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Printed-circuit board connector - CC 2,5/ 5-GF-5,08 P26THRR56 - 1954838



PCB headers, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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Printed-circuit board connector - CCV 2,5/ 5-GF-5,08 P26THR - 1955662



PCB headers, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

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## Printed-circuit board connector - FKCN 2,5/ 5-STF-5,08 - 1754827

### Accessories

Printed-circuit board connector - CCV 2,5/ 5-GF-5,08 P26THRR56 - 1955772

PCB headers, nominal current: 12 A, number of positions: 5, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, User information and design recommendations for through hole reflow technology can be found under "Downloads"

