

## Printed-circuit board connector - FKCN 2,5/ 7-STF-5,08 - 1754843

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PCB connector, nominal current: 12 A, number of positions: 7, 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	50 pc
Minimum order quantity	50 pc
GTIN	 4 046356 330510
GTIN	4046356330510
Weight per Piece (excluding packing)	9.020 g
Custom tariff number	85366990
Country of origin	Bulgaria

### Technical data

#### Dimensions

Length [ l ]	27.1 mm
Width [ w ]	45.56 mm
Height [ h ]	10.9 mm
Pitch	5.08 mm
Dimension a	30.48 mm

#### General

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## Technical data

### General

Range of articles	FKCN 2,5/...-STF
Number of positions	7
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 <sub>N</sub>	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

### 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

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

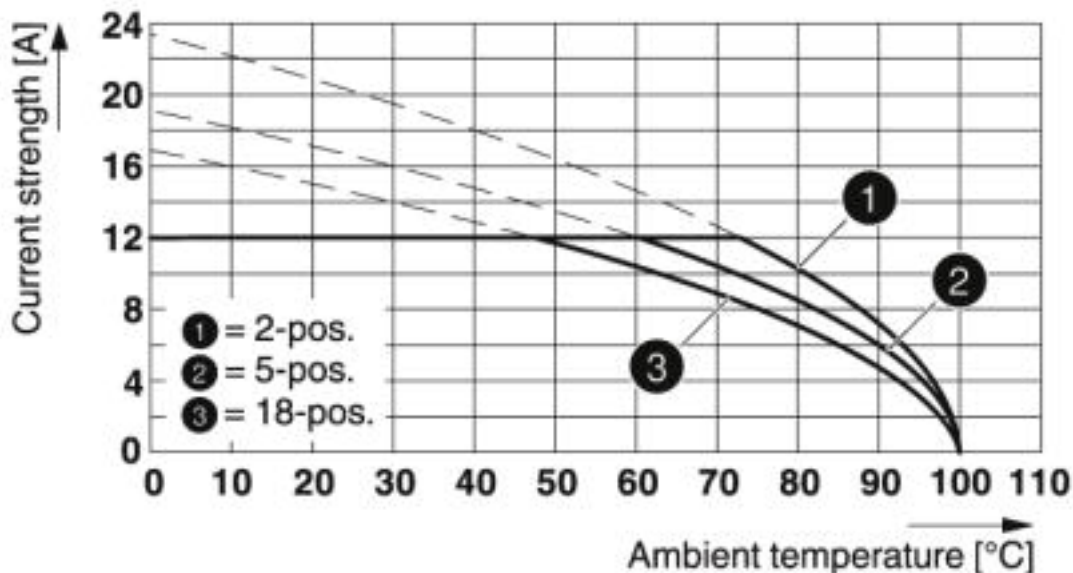
### Environmental Product Compliance

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

## Drawings

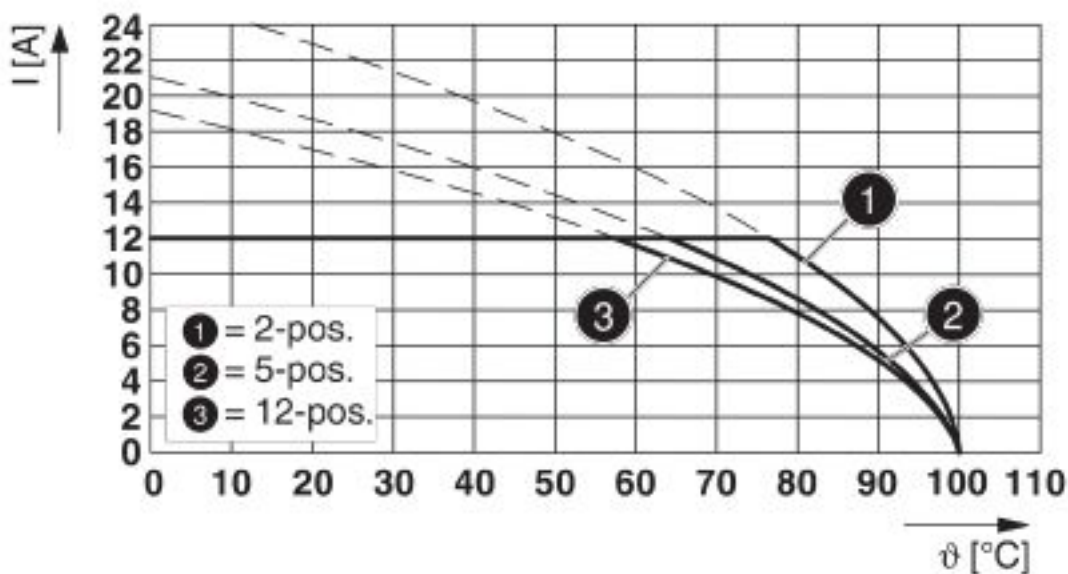
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Diagram



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

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

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## Classifications

### eCl@ss

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

## Approvals

### Approvals

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#### Approvals

EAC / cULus Recognized

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#### Ex Approvals

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### Approval details

EAC		B.01742
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## Approvals

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/ 7-G1F-5,08 P26 THR - 1753352



PCB headers, nominal current: 12 A, number of positions: 7, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering

Feed-through header - MSTB 2,5/ 7-GF-5,08 - 1776553



PCB headers, nominal current: 12 A, number of positions: 7, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - MSTBV 2,5/ 7-GF-5,08 - 1777125



PCB headers, nominal current: 12 A, number of positions: 7, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Feed-through header - MDSTBV 2,5/ 7-GF-5,08 - 1845688



PCB headers, nominal current: 10 A, number of positions: 7, 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 - FKCN 2,5/ 7-STF-5,08 - 1754843

### Accessories

Printed-circuit board connector - DFK-MSTBA 2,5/ 7-GF-5,08 - 1899032



Feed-through header, nominal current: 12 A, number of positions: 7, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - DFK-MSTBVA 2,5/ 7-GF-5,08 - 1899333



Feed-through header, nominal current: 12 A, number of positions: 7, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Feed-through header - MSTB 2,5/ 7-GF-5,08 THT - 1927616



PCB headers, number of positions: 7, pitch: 5.08 mm, color: black, User information and design recommendations for through hole reflow technology can be found under "Downloads"

Printed-circuit board connector - CC 2,5/ 7-GF-5,08 P26THR - 1954744



PCB headers, nominal current: 12 A, number of positions: 7, 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"

Printed-circuit board connector - CC 2,5/ 7-GF-5,08 P26THRR88 - 1954854



PCB headers, nominal current: 12 A, number of positions: 7, 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"

## Printed-circuit board connector - FKCN 2,5/ 7-STF-5,08 - 1754843

### Accessories

Printed-circuit board connector - CCV 2,5/ 7-GF-5,08 P26THR - 1955688



PCB headers, nominal current: 12 A, number of positions: 7, 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"

Printed-circuit board connector - CCV 2,5/ 7-GF-5,08 P26THRR88 - 1955798



PCB headers, nominal current: 12 A, number of positions: 7, 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"

Printed-circuit board connector - CC 2,5/ 7-GFL-5,08P26THRR56 - 1956386



PCB headers, nominal current: 12 A, number of positions: 7, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, Two-in-one – Pin strips must always be made up of a left (L) and a right (R) segment. Please allow for the corresponding counterpart from the accessories to complete the THR pin strip.

Printed-circuit board connector - CC 2,5/ 7-GFR-5,08P26THRR56 - 1956522



PCB headers, nominal current: 12 A, number of positions: 7, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering, Two-in-one – Pin strips must always be made up of a left (L) and a right (R) segment. Please allow for the corresponding counterpart from the accessories to complete the THR pin strip.