

## Printed-circuit board connector - FKCN 2,5/16-STF-5,08 - 1754937

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PCB connector, nominal current: 12 A, number of positions: 16, 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 330602
GTIN	4046356330602
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85366990
Country of origin	Bulgaria

### Technical data

#### Dimensions

Length [ l ]	27.1 mm
Width [ w ]	91.28 mm
Height [ h ]	10.9 mm

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## Technical data

### Dimensions

Pitch	5.08 mm
Dimension a	76.2 mm

### General

Range of articles	FKCN 2,5/..-STF
Number of positions	16
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

### 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

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## Technical data

### Standards and Regulations

Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

## 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
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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## Approvals

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 2,5/16-G1F-5,08 P26 THR - 1753446



PCB headers, nominal current: 12 A, number of positions: 16, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering

Feed-through header - MSTB 2,5/16-GF-5,08 - 1776647



PCB headers, nominal current: 12 A, number of positions: 16, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

## Printed-circuit board connector - FKCN 2,5/16-STF-5,08 - 1754937

### Accessories

#### Printed-circuit board connector - MSTBV 2,5/16-GF-5,08 - 1777219

PCB headers, nominal current: 12 A, number of positions: 16, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



#### Printed-circuit board connector - DFK-MSTBA 2,5/16-GF-5,08 - 1899126



Feed-through header, nominal current: 12 A, number of positions: 16, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

#### Printed-circuit board connector - DFK-MSTBVA 2,5/16-GF-5,08 - 1899427



Feed-through header, nominal current: 12 A, number of positions: 16, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

#### Feed-through header - EMSTB 2,5/16-GF-5,08 - 1899757

PCB headers, nominal current: 12 A, number of positions: 16, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Press-in technology



#### Feed-through header - EMSTBV 2,5/16-GF-5,08 - 1915356

PCB headers, nominal current: 12 A, number of positions: 16, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Press-in technology



