

Printed-circuit board connector - FKCN 2,5/ 4-STF-5,08 - 1754814

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

PCB connector, nominal current: 12 A, number of positions: 4, 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 330473
GTIN	4046356330473
Weight per Piece (excluding packing)	6.000 g
Custom tariff number	85366990
Country of origin	Bulgaria

Technical data

Dimensions

Length [l]	27.1 mm
Width [w]	30.32 mm
Height [h]	10.9 mm

Printed-circuit board connector - FKCN 2,5/ 4-STF-5,08 - 1754814

Technical data

Dimensions

Pitch	5.08 mm
Dimension a	15.24 mm

General

Range of articles	FKCN 2,5/..-STF
Number of positions	4
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 ²
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 ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
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

Printed-circuit board connector - FKCN 2,5/ 4-STF-5,08 - 1754814

Technical data

Standards and Regulations

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

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

Approvals

EAC / cULus Recognized

Printed-circuit board connector - FKCN 2,5/ 4-STF-5,08 - 1754814

Approvals

Ex Approvals

Approval details

EAC		B.01742
-----	--	---------

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19931012
	B	D	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	10 A	
mm ² /AWG/kcmil	24-14	24-14	

Accessories

Additional products

Printed-circuit board connector - CCDN 2,5/ 4-G1F-5,08 P26 THR - 1753323



PCB headers, nominal current: 12 A, number of positions: 4, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: THR soldering

Feed-through header - MSTB 2,5/ 4-GF-5,08 - 1776524



PCB headers, nominal current: 12 A, number of positions: 4, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - FKCN 2,5/ 4-STF-5,08 - 1754814

Accessories

Printed-circuit board connector - MSTBV 2,5/ 4-GF-5,08 - 1777099

PCB headers, nominal current: 12 A, number of positions: 4, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering



Feed-through header - MDSTBV 2,5/ 4-GF-5,08 - 1845659

PCB headers, nominal current: 10 A, number of positions: 4, 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/ 4-GF-5,08 - 1899003



Feed-through header, nominal current: 12 A, number of positions: 4, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Printed-circuit board connector - DFK-MSTBVA 2,5/ 4-GF-5,08 - 1899304



Feed-through header, nominal current: 12 A, number of positions: 4, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Wave soldering

Feed-through header - EMSTB 2,5/ 4-GF-5,08 - 1899634

PCB headers, nominal current: 12 A, number of positions: 4, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Press-in technology



Printed-circuit board connector - FKCN 2,5/ 4-STF-5,08 - 1754814

Accessories

Feed-through header - EMSTBV 2,5/ 4-GF-5,08 - 1915233

PCB headers, nominal current: 12 A, number of positions: 4, pitch: 5.08 mm, color: green, contact surface: Tin, mounting: Press-in technology



Feed-through header - MSTB 2,5/ 4-GF-5,08 THT - 1927580

PCB headers, number of positions: 4, pitch: 5.08 mm, color: black, User information and design recommendations for through hole reflow technology can be found under "Downloads"



Feed-through header - MSTBV 2,5/ 4-GF-5,08 THT - 1940910

PCB headers, number of positions: 4, 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/ 4-GF-5,08 P26THR - 1954715

PCB headers, nominal current: 12 A, number of positions: 4, 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/ 4-GF-5,08 P26THRR56 - 1954825

PCB headers, nominal current: 12 A, number of positions: 4, 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/ 4-STF-5,08 - 1754814

Accessories

Printed-circuit board connector - CCV 2,5/ 4-GF-5,08 P26THR - 1955659

PCB headers, nominal current: 12 A, number of positions: 4, 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/ 4-GF-5,08 P26THRR56 - 1955769

PCB headers, nominal current: 12 A, number of positions: 4, 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"

