INDUSTRIAL COMPONENT DATA

FKC 2,5 HC/ 4-STF BK 1565100 PHOENIX CONTACT Printed circuit board connector, nominal section: 2.5 mm2, colo..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKC 2,5 HC/ 4-STF BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	FKC 2,5 HC/ 4-STF BK
Catalog number	1565100
Category	Printed circuit board connector
Minimum order	50 Pcs
Document ID	EO-2F68DD62C0
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Product Overview

Printed circuit board connector, nominal section: 2.5 mm2, color: black, nominal current: 16 A, nominal voltage (III/2): 320 V, contact surface: Sn, contact connection type: Female, number of rows: 1, number of poles: 4, article family: FKC 2.5 HC/.. -STF, pitch: 5 mm, connection type: Push-in spring connection, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5 HC, locking: Screw locking, clamping type: Air clamping (screw), packaging type: boxed

PCB connector, nominal cross-section: 2.5 mm², colour: black, nominal current: 16 A, nominal voltage (III/2): 320 V, surface contacts: Tin, contact type: Female, number of rows: 1, number of poles: 4, article family: FKC 2.5 HC/.. -STF, pitch: 5mm, connection type: Push-in spring connection, driver/PCB connection direction: 0°, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5 HC, locking: Screw locking, fixing type: Overhead clamping (screw), packing type: boxed packaging

PCB connector, nominal cross section: 2.5 mm2, color: black, nominal current: 16 A, rated voltage (III/2): 320 V, contact surface: Tin, contact connection type: Socket, number of rows: 1, number of positions: 4, product range: FKC 2,5 HC/..-STF, pitch: 5 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plu...

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Technical dataProduct propertiesProduct line COMBICON Connectors M
Product type PCB connector

Product family FKC 2,5 HC/..-STF
Number of positions 4
Pitch 5 mm
Number of rows 1
Electrical propertiesNominal current IN 16 A
Nominal voltage UN 320 V
Degree of pollution 3
Contact resistance 1 m?
Rated voltage (III/3) 250 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 320 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 4 kV
Connection dataConnection technology
Type Standard
Connector system COMBICON MSTB 2,5 HC
Nominal cross section 2.5 mm²
Contact connection type Socket
Interlock
Locking type Screw locking mechanism
Mounting flange Screw flange
Tightening torque 0.3 Nm
Conductor connection
Connection method Push-in spring connection
Conductor/PCB connection direction 0 °
Conductor cross section rigid 0.2 mm² ... 2.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 12
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 2.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 1.5 mm²
Cylindrical gauge a x b / diameter 2.8 mm x 2.0 mm / 2.0 mm
Stripping length 10 mm
Specifications for ferrules without insulating collar
recommended crimping tool 1212034 CRIMPFOX 6
ferrules without insulating collar, according to DIN 462...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKC 2,5 HC/ 4-STF BK with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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