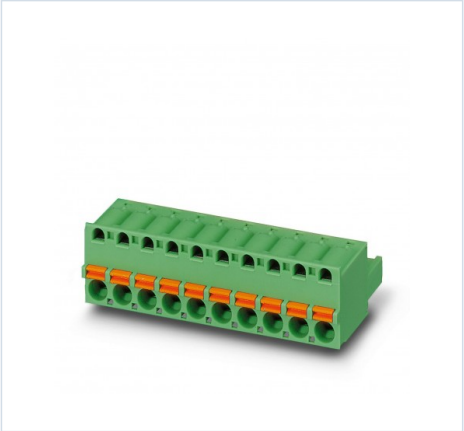
INDUSTRIAL COMPONENT DATA

FKC 2,5/ 5-ST-5,08 BKBDWHJ25 1009564 PHOENIX CONTACT Connector for printed circuit board, number of poles: 5..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKC 2,5/ 5-ST-5,08 BKBDWHJ25



Manufacturer	PHOENIX CONTACT
MPN / Reference	FKC 2,5/ 5-ST-5,08 BKBDWHJ25
Catalog number	1009564
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-7979511091
Generated	2026-11-19

Product Overview

Connector for printed circuit board, number of poles: 5, pitch: 5,08 mm, connection type: spring clamp push-in, color: black, surface contacts: Tin
Connector for printed circuit board, nominal section: 2.5 mm², color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of articles: FKC 2.5/.. -ST, pitch: 5.08 mm, connection type: Push-in spring connection, conductor connection/printed circuit board connection direction: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging type: boxed
Conductive plate connector, nominal cross-section: 2.5 mm2, colour: black, nominal current: 12 A, reference voltage (III/2): 320 V, contact area: Sn, contact type: Female connector, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, item range: FKC 2.5/.. -ST, pitch: 5.08 mm, connection type: Push-in spring connection, conductor/PCB plugging direction: 0°, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2.5, locking: without, fastening type: without, packaging type: packed in carton

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 characteristicsProduct PropertiesProduct Type Conductive Plate Connector
Product range FKC 2.5/.. -ST
Product Line COMBICON Connectors M
Number of poles 5

Steps 5.08 mm
Number of connections 5
Number of rows 1
Number of potentials 5
Data Management Status
Revision of the article 00
Electrical propertiesRated Current IN 12 A
Rated voltage UN 320 V
Contact resistance 1 m?
Reference voltage (III/3) 320 V
Rated Shock Resistance Voltage (III/3) 4 kV
Rated Voltage (III/2) 320 V
Rated Shock Withstand Voltage (III/2) 4 kV
Reference voltage (II/2) 630 V
Rated Shock Withstand Voltage (II/2) 4 kV
Connection featuresConnection technology
Connector System COMBICON MSTB 2,5
Nominal cross-section 2.5 mm²
Contact Type Female connector
Locking
Lock Mode without
Mounting Flange without
Conductor connection
Connection type Push-in spring connection
Conductor connection direction in the mating direction 0 °
Conductor/PCB Plugging Direction 0 °
Rigid conductor cross-section 0.2 mm² ... 2.5 mm²
Soft conductor section 0.2 mm² ... 2.5 mm²
Conductive section. AWG 24 ... 12
Soft conductor section with end cap, without plastic bushing 0.25 mm² ... 2.5 mm²
Soft conductor section with plastic end cap and socket 0.25 mm² ... 2.5 mm²
2 flexible conductors of the same cross-section with TWIN bit and plastic socket 0.5 mm² ... 1.5 mm²
Template a x b / diameter 2.8 mm x 2.0 mm / 2.4 mm
Stripping length 10 mm
Data for Bits Without Insulating Collar
Recommended crimping tool 1212034 CRIMPFOX 6
End ca...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKC 2,5/ 5-ST-5,08 BKBDWHJ25 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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