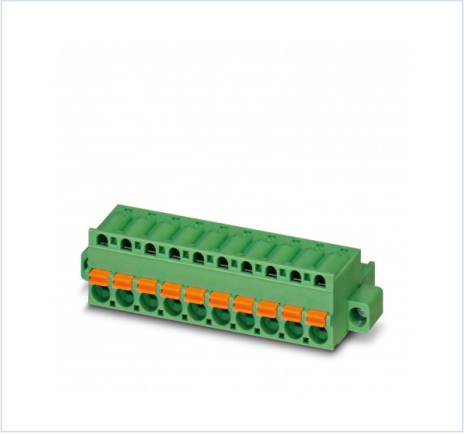
INDUSTRIAL COMPONENT DATA

FKC 2,5/ 3-STF-5,08BD:+ GNDQ 1107074 PHOENIX CONTACT Connector for printed circuit board, number of poles: 3..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FKC 2,5/ 3-STF-5,08BD:+-GNDQ



Manufacturer	PHOENIX CONTACT
MPN / Reference	FKC 2,5/ 3-STF-5,08BD:+-GNDQ
Catalog number	1107074
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-788E8C59AE
Generated	2026-11-19

Product Overview

Connector for printed circuit board, number of poles: 3, pitch: 5,08 mm, color: green
Connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 3, family of articles: FKC 2.5/.. -STF, pitch: 5.08 mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: boxed

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 dataItem PropertiesProduct Type Printed Circuit Board Connector
Product Family FKC 2,5/.. -STF
Product Line COMBICON Connectors M
Number of poles 3
Step 5.08 mm
Number of rows 1
Data Maintenance Status
Article Review 00
Electrical PropertiesNominal Current IN 12 A
Nominal voltage UN 320 V

Contact resistance 1 m?
Sizing voltage (III/3) 320 V
Dimensioning transient voltage (III/3) 4 kV
Dimensioning voltage (III/2) 320 V
Dimensioning Transient Voltage (III/2) 4 kV
Nominal voltage (II/2) 630 V
Dimensioning transient voltage (II/2) 4 kV
Connection dataConnection technology
Connector System COMBICON MSTB 2.5
Nominal Section 2.5 mm²
Contact Connection Type Female
Blockade
Locking system Screw lock
Clamping flange Overhead clamping (screw)
Tightening torque 0.3 Nm
Connecting Conductors
Connection type Push-in spring connection
Connection direction of the conductor with respect to the plug direction 0 °
Connection Direction Driver/PCB 0 °
Rigid conductor section 0.2 mm² ... 2.5 mm²
Flexible conductor section 0.2 mm² ... 2.5 mm²
AWG Conductor Section 24 ... 12
Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 2.5 mm²
Flexible conductor section with toe cap, with plastic sleeve 0.25 mm² ... 2.5 mm²
2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 0.5 mm² ... 1.5 mm²
Male gauge a x b / Diameter 2.8 mm x 2.0 mm / 2.0 mm
Peel Length 10 mm
Facts about toe caps without an insulated collar
Recommended crimp pliers 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKC 2,5/ 3-STF-5,08BD:+-GNDQ 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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