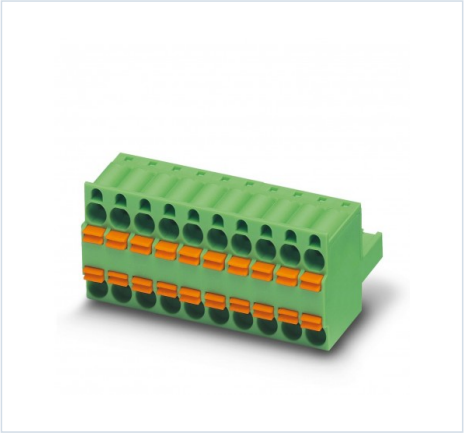
INDUSTRIAL COMPONENT DATA

TFKC 2,5/ 3-ST-5,08BKBDWH-A1/+ 1096167 PHOENIX CONTACT Connector for printed circuit board, nominal current:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TFKC 2,5/ 3-ST-5,08BKBDWH-A1/+



Manufacturer	PHOENIX CONTACT
MPN / Reference	TFKC 2,5/ 3-ST-5,08BKBDWH-A1/+
Catalog number	1096167
Category	Cable connector
Minimum order	1000 Pcs
Document ID	EO-43FFC29E4B
Generated	2026-11-19

Product Overview

Connector for printed circuit board, nominal current: 12 A, number of poles: 3, 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 rows: 1, number of poles: 3, family of articles: TFKC 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
PCB connector, nominal cross-section: 2.5 mm2, colour: black, rated current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Sn, contact connection type: Female, number of rows: 1, number of poles: 3, product series: TFKC 2.5/.. -ST, pitch: 5.08 mm, connection type: Push-in spring connection, conductor/board connection direction: 0 °, locking hook: - Locking hook, plug system: COMBICON MSTB 2.5, locking: none, fixing type: none, 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 dataArticle featuresProduct Type Printed circuit board connector
Product Family TFKC 2.5/.. -ST
Product Line COMBICON Connectors M

Number of poles 3
Step 5.08 mm
Number of rows 1
Data maintenance status
Article review 00
Electrical characteristicsRated Current IN 12 A
Rated voltage UN 320 V
Mass Resistivity 2 m?
Sizing voltage (III/3) 320 V
Sizing impulse voltage (III/3) 4 kV
Sizing voltage (III/2) 320 V
Sizing Impulse Voltage (III/2) 4 kV
Sizing voltage (II/2) 630 V
Sizing Impulse Voltage (II/2) 4 kV
I2 / I3 conductor connection
Permissible current load 24 A
Plug-in contact I1
Permissible current load 12 A
Connection dataConnection technology
type Bus plugs
Connector system COMBICON MSTB 2.5
Nominal cross-section 2.5 mm²
Contact Connection Type female
Blockage
Clamping Type absent
Fixing flange absent
Conductor connection
Link Push-in spring connection
Conductor/board connection direction 0 °
Rigid conductor cross-section 0.2 mm² ... 2.5 mm²
Flexible conductor cross-section 0.2 mm² ... 2.5 mm²
Conductor cross-section AWG 24 ... 12
Flexible conductor cross-section with cable lug without plastic collar 0.25 mm² ... 2.5 mm²
Flexible conductor cross-section with mounted lug and plastic collar 0.25 mm² ... 2.5 mm²
2 conductors of identical cross-section flexible with TWIN ferrule with plastic collar 0.5 mm² ... 1.5 mm²
Buffer Gauge a x b / diameter 2.8 mm x 2.0 mm / 2.0 mm
Length of the section to be stripped 10 mm
Indications for ferrules without isolation collar
Reco...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TFKC 2,5/ 3-ST-5,08BKBDWH-A1/+ 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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