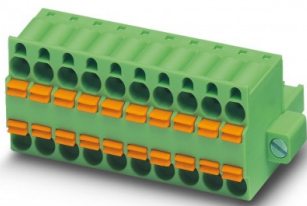


INDUSTRIAL COMPONENT DATA

TFKC 2,5/ 6-STF-5,08 AU BD:1-6 1087442 PHOENIX CONTACT Connector for printed circuit board, nominal current:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: TFKC 2,5/ 6-STF-5,08 AU BD:1-6



Manufacturer	PHOENIX CONTACT
MPN / Reference	TFKC 2,5/ 6-STF-5,08 AU BD:1-6
Catalog number	1087442
Category	Cable connector
Minimum order	1000 Pcs
Document ID	EO-06DEF40A3E
Generated	2026-08-04

Product Overview

Connector for printed circuit board, nominal current: 12 A, number of poles: 6, pitch: 5,08 mm, connection type: spring clamp push-in, color: green, surface, contacts: Gold

Connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Gold, contact type: Female, number of rows: 1, number of poles: 6, family of articles: TFKC 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

PCB connector, nominal cross section: 2.5 mm², color: green, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Au, contact connection type: Socket, number of rows: 1, number of positions: 6, product range: TFKC 2,5/..-STF, pitch: 5.08 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard

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)
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Additional Product Information

Technical dataProduct propertiesProduct type PCB connector

Product family TFKC 2,5/..-STF

Product line COMBICON Connectors M

Number of positions 6

Pitch 5.08 mm
Number of rows 1
Data management status
Article revision 00
Electrical propertiesNominal current I_N 12 A
Nominal voltage U_N 320 V
Contact resistance 1.5 m Ω
Rated voltage (III/3) 320 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
Conductor connection I2 / I3
Current carrying capacity 24 A
Plug-in contact I1
Current carrying capacity 12 A
Connection dataConnection technology
Type Components DeviceNet compatible
Connector system COMBICON MSTB 2,5
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
Connection direction of the conductor to plug-in direction 0 °
0 °
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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TFKC 2,5/ 6-STF-5,08 AU BD:1-6 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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