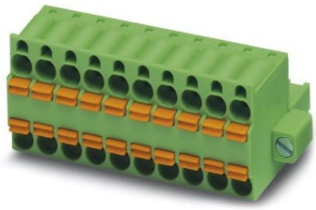
INDUSTRIAL COMPONENT DATA

TFKC 2,5/ 5-STF-5,08 1962723 PHOENIX CONTACT Plug component, Nominal current: 12 A, Rated voltage (III/2): 3..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	TFKC 2,5/ 5-STF-5,08
Catalog number	1962723
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-7FCA927FB6
Generated	2026-11-18

Product Overview

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 5, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin
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 potentials: 5, number of rows: 1, number of poles: 5, number of connections: 10, article family: 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

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

Dimensions
Length 25.7 mm
Height 22.1 mm
Pitch 5.08 mm
Dimension a 20.32 mm
General
Range of articles TFKC 2,5/..-STF
Insulating material group I
Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/3) 320 V
Rated voltage (III/2) 320 V
Rated voltage (II/2) 630 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Nominal cross section 2.5 mm²
Maximum load current 12 A
Insulating material PA
Flammability rating according to UL 94 V0
Stripping length 10 mm
Number of positions 5
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 1.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 12
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. 0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. 1 mm²
Minimum AWG according to UL/CUL 26
Maximum AWG according to UL/CUL 12

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TFKC 2,5/ 5-STF-5,08 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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