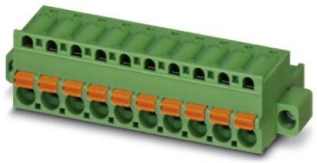
INDUSTRIAL COMPONENT DATA

# FKC 2,5/ 3-STF-5,08 EX 1796005 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: FKC 2,5/ 3-STF-5,08 EX**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | FKC 2,5/ 3-STF-5,08 EX |
| Catalog number | 1796005 |
| Category | Cable connector |
| Minimum order | 50 Pcs |
| Document ID | EO-8492DF528C |
| Generated | 2026-11-19 |

## Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, contact surface: Tin, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: FKC 2.5/.. -STF-EX, 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 EX, 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

Key Commercial Data
Orderkey 1796005
Packing unit 50 pc
Note Made to Order (non-returnable)
Catalog page Page 371 (C-1-2013)
GTIN 4046356635318
Weight per Piece (excluding packing) 6.670 g
Custom tariff number 85366990
Country of origin DE (Germany)
Dimensions

Length [ l ] 25.73 mm
Width [ w ] 25.34 mm
Height [ h ] 15 mm
Pitch 5.08 mm
Dimension a 10.16 mm
General
Range of articles FKC 2,5/..-STF-EX
Number of positions 3
Connection method Push-in spring connection
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
Insulating material PA
Flammability rating according to UL 94 V0
Internal cylindrical gage A2
Stripping length 10 mm
Connection data
Conductor cross section solid min. 0.5 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section flexible min. 0.5 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 12
2 conductors with s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FKC 2,5/ 3-STF-5,08 EX 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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