

## INDUSTRIAL COMPONENT DATA

# GFKC 2,5/2-ST-7,62 BD:.2-X24 1709227 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: GFKC 2,5/2-ST-7,62 BD:.2-X24



|                 |                              |
|-----------------|------------------------------|
| Manufacturer    | PHOENIX CONTACT              |
| MPN / Reference | GFKC 2,5/2-ST-7,62 BD:.2-X24 |
| Catalog number  | 1709227                      |
| Category        | Cable connector              |
| Minimum order   | 50 Pcs                       |
| Document ID     | EO-750338D94A                |
| Generated       | 2026-08-03                   |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: GFKC 2,5/..-ST, pitch: 7.62 mm, connection type: Push-in spring connection, conductor connection direction/printed circuit board: 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 mm<sup>2</sup>, color: green, nominal current: 12 A, rated voltage (III/2): 630 V, contact surface: Sn, contact connection type: Socket, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: GFKC 2,5/..-ST, pitch: 7.62 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0°, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, 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)

### Additional Product Information

Technical dataProduct propertiesProduct type PCB connector

Product family GFKC 2,5/..-ST

Product line COMBICON Connectors M

Number of positions 2

Pitch 7.62 mm

Number of connections 2  
Number of rows 1  
Number of potentials 2  
Mounting flange without  
Data management status  
Article revision 02  
Electrical propertiesNominal current IN 12 A  
Nominal voltage UN 630 V  
Contact resistance 0.9 mΩ  
Rated voltage (III/3) 400 V  
Rated surge voltage (III/3) 6 kV  
Rated voltage (III/2) 630 V  
Rated surge voltage (III/2) 6 kV  
Rated voltage (II/2) 1000 V  
Rated surge voltage (II/2) 6 kV  
Connection dataConnection technology  
Type Standard  
Connector system COMBICON MSTB 2,5  
Nominal cross section 2.5 mm²  
Contact connection type Socket  
Interlock  
Locking type without  
Mounting flange without  
Conductor connection  
Connection method Push-in spring connection  
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 a x b / diameter 2.8 mm x 2.0 mm / 2.4 mm  
Stripping length 10 mm  
Specifications for ferrules without insulating collar  
recommended crimping tool 1212034 CRIMPFOX 6  
ferrules w...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GFKC 2,5/2-ST-7,62 BD..2-X24 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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