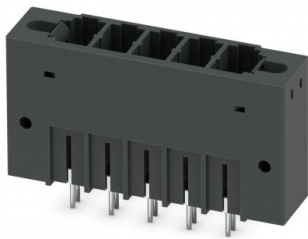


## INDUSTRIAL COMPONENT DATA

# PCV 5/ 5-GF-7,62 BK 1764723 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PCV 5/ 5-GF-7,62 BK



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | PCV 5/ 5-GF-7,62 BK             |
| Catalog number  | 1764723                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-B9482CD2B9                   |
| Generated       | 2026-08-05                      |

### Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 6 mm<sup>2</sup>, color: black, nominal current: 41 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 5, family of articles: PCV 5/..-GF, pitch: 7.62 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 5 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), packaging type: boxed

PCB headers, nominal cross section: 6 mm<sup>2</sup>, color: black, nominal current: 41 A, rated voltage (III/2): 630 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 5, product range: PCV 5/..-GF, pitch: 7.62 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 5 mm, number of solder pins per potential: 3, plug-in system: COMBICON PC 5, Pin connector pattern alignment: Standard, locking: Screw locking mechanism, mounting: Threaded 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) |
|--------------|----------------------------------------|

### Additional Product Information

Technical dataProduct propertiesProduct type PCB headers

Product family PCV 5/..-GF

Product line COMBICON Connectors L

Number of positions 5

Pitch 7.62 mm

Number of rows 1  
Mounting flange Threaded flange  
Pin layout Linear pinning  
Solder pins per potential 3  
Data management status  
Article revision 03  
Electrical propertiesNominal current IN 41 A  
Nominal voltage UN 630 V  
Contact resistance 0.5 m?  
Rated voltage (III/3) 630 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  
MountingMounting type Wave soldering  
Pin layout Linear pinning  
Flange  
Tightening torque 0.3 Nm ... 0.7 Nm  
Attachment on the PCB  
Tightening torque 0.3 Nm  
Screw 1705449 DFK-PC 16-SS  
Material specificationsMaterial data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu alloy  
Surface characteristics hot-dip tin-plated  
Metal surface contact area (top layer) Tin (4 - 8 µm Sn)  
Metal surface soldering area (top layer) Tin (4 - 8 µm Sn)  
Material data - housing  
Color (Housing) black (9005)  
Insulating material PA  
Insulating material group I  
CTI according to IEC 60112 600  
Flammability rating according to UL 94 V0  
Glow wire flammability index GWFI according to EN 60695-2-12 850  
Glow wire ignition temperature GWIT according to EN 60695-2-13 775  
Temperature for the ball pressure test according to EN 60695-10-2 125 °C  
NotesNotes on operation In accordance wi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PCV 5/ 5-GF-7,62 BK 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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