

**INDUSTRIAL COMPONENT DATA**

# PC 5/ 3-G-7,62 PA1,3 1702147 PHOENIX CONTACT Header

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 3-G-7,62 PA1,3

|                                                                                   |                 |                                 |
|-----------------------------------------------------------------------------------|-----------------|---------------------------------|
|  | Manufacturer    | PHOENIX CONTACT                 |
|                                                                                   | MPN / Reference | PC 5/ 3-G-7,62 PA1,3            |
|                                                                                   | Catalog number  | 1702147                         |
|                                                                                   | Category        | Printed circuit board connector |
|                                                                                   | Minimum order   | 50 Pcs                          |
|                                                                                   | Document ID     | EO-A5294A909F                   |
|                                                                                   | Generated       | 2026-08-04                      |

## Product Overview

### Header

Printed circuit board base case, nominal section: 6 mm<sup>2</sup>, color: green, nominal current: 41 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Male, number of potentials: 2, number of rows: 1, number of poles: 3, number of connections: 2, family of items: PC 5/.. -G, 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, lock: without, fixing type: without, 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 1702147

Packing unit 1

GTIN 4046356572873

Custom tariff number 85366930

### Dimensions

Length [ l ] 29.25 mm

Width 25.66 mm

Pitch 7.62 mm

Dimension a 15.24 mm

Width [ w ] 25.66 mm

Height [ h ] 19.29 mm

Height 14.29 mm

Length of the solder pin 5 mm

Length 29.25 mm

General

Range of articles PC 5/-G

Rated surge voltage (III/3) 6 kV

Rated surge voltage (III/2) 6 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 630 V

Rated voltage (III/2) 630 V

Rated voltage (II/2) 800 V

Connection in acc. with standard EN-VDE

Nominal current IN 41 A

Color green

Number of positions 3

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC

13.239121409

ETIM for 1702147 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)

2

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

7.62 mm

Modular spacing connections (EF006827)

7.62 mm

Rated current In (EF008250)

41 A

Rated voltage (EF0002...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 3-G-7,62 PA1,3 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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