INDUSTRIAL COMPONENT DATA

# IPCV 5/ 7-G-7,62 GY 1700968 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: IPCV 5/ 7-G-7,62 GY**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | IPCV 5/ 7-G-7,62 GY |
| Catalog number | 1700968 |
| Category | Printed circuit board connector |
| Minimum order | 50 Pcs |
| Document ID | EO-69EF4CC875 |
| Generated | 2026-11-19 |

## Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 6 mm², color: gray, nominal current: 41 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Female, number of potentials: 7, number of rows: 1, number of poles: 7, number of connections: 7, family of articles: IPCV 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
PCB headers, nominal cross section: 6 mm2, color: gray, nominal current: 41 A, rated voltage (III/2): 630 V, contact surface: Sn, contact connection type: Socket, number of potentials: 7, number of rows: 1, number of positions: 7, number of connections: 7, product range: IPCV 5/..-G, 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: 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

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| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Technical dataProduct propertiesProduct type PCB headers
Product family IPCV 5/..-G
Product line COMBICON Connectors L
Number of positions 7
Pitch 7.62 mm

Number of connections 7
Number of rows 1
Number of potentials 7
Mounting flange without
Pin layout Linear pinning
Solder pins per potential 3
Data management status
Article revision 01
Electrical propertiesNominal current IN 41 A
Nominal voltage UN 630 V
Contact resistance 0.4 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
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) gray (7042)
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 with IEC 61984, COMBICON connectors have no switching power (COC). During designa...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IPCV 5/ 7-G-7,62 GY 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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