

**INDUSTRIAL COMPONENT DATA**

# GICV 2,5/ 6-G-7,62 1828951 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: GICV 2,5/ 6-G-7,62



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | GICV 2,5/ 6-G-7,62              |
| Catalog number  | 1828951                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-A95693C3F3                   |
| Generated       | 2026-07-29                      |

## Product Overview

Feed-through header

Printed circuit board base housing, 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: 6, number of rows: 1, number of poles: 6, number of connections: 6, family of articles: GICV 2.5/. -G, pitch: 7.62 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.6 mm, number of solder pins per potential: 2, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, locking: 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 1828951

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918050849

Weight per Piece (excluding packing) 5.390 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [ l ] 10.2 mm

Width 45.62 mm

Pitch 7.62 mm

Dimension a 38.1 mm

Width [ w ] 45.62 mm

Height [ h ] 22.6 mm

Height 19 mm

Length of the solder pin 3.6 mm

Pin dimensions 0.48 x 1.14 mm

Pin spacing 5.04 mm

Length 10.2 mm

#### General

Range of articles GICV 2,5/..-G

Insulating material group I

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) 500 V

Rated voltage (III/2) 630 V

Rated voltage (II/2) 1000 V

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Maximum load current 12 A

Insulating material PA

Flammability rating according to UL 94 V0

Color green

Number of positions 6

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Flammability rating according to UL 94 V0

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

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GICV 2,5/ 6-G-7,62 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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