INDUSTRIAL COMPONENT DATA

# ICV 2,5/ 2-G-5,08 1785942 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: ICV 2,5/ 2-G-5,08**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | ICV 2,5/ 2-G-5,08 |
| Catalog number | 1785942 |
| Category | Printed circuit board connector |
| Minimum order | 50 Pcs |
| Document ID | EO-09C7666EB2 |
| Generated | 2026-11-18 |

## Product Overview

Printed-circuit board connector
Printed circuit board base housing, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 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: ICV 2.5/.. -G, pitch: 5.08 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 1785942
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 333 (C-1-2013)
GTIN 4017918042097
Weight per Piece (excluding packing) 1.520 g
Custom tariff number 85366930
Country of origin DE (Germany)
Dimensions

Length [ l ] 10.2 mm
Width 12.16 mm
Pitch 5.08 mm
Dimension a 5.08 mm
Width [ w ] 12.16 mm
Height [ h ] 22.4 mm
Height 18.9 mm
Length of the solder pin 3.5 mm
Pin dimensions 0.47 x 1.15 mm
Pin spacing 5.08 mm
Length 10.2 mm
General
Range of articles ICV 2,5/..-G
Insulating material group I
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/3) 320 V
Rated voltage (III/2) 320 V
Rated voltage (II/2) 630 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 2
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

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ICV 2,5/ 2-G-5,08 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.